Scientific American.

PEGGING JACK.—John G. Ziegler, Salt River, Mich.—This invention consists of a circularring or table mounted on a standard by being pivoted to the top of it at one edge, and resting at the opposite edge on braces to which it is pivoted. Said braces are swiveled to the standard so as to swing around it horizontally and be adjusted vertically by controlling nuts screwing up and down on the standard, whereby the said ring or table, whereon the blocks to which the last is clamped are mounted, can be readily adjusted to any required angle to the horizontal plane. The invention also consists of the attachment of the last-supporting blocks to this ring or table by a long slotted plate, which is secured through the table, so that it can turn freely thereon, the said slotted plate being capable of shifting endwise along the bolt by which it is secured, which passes through the slot, so that the last can be oscillated horizontally on the table, and shifted transversely thereof to facilitate the adjustment of the work to any position.

IRON STRUCTURE.—Joseph D. Duclos, New York city.—This invention has for its object to simplify the construction of iron buildings by dispensing with the "backing up" or covering of the walls on the inner sides thereof. The invention consists in finishing the cast metal walls of such structures on both sides with panels, ornaments, or otherwise, and in thereby making the inner backing up, by means of plaster or other devices, entirely unnecessary. The cost of putting up iron buildings is thus greatly reduced.

DENTIST'S AND BARBER'S CHAIR.—Francis J. Coates, Cincinnati, Ohio.—This invention consists of certain arrangements of apparatus for supporting the seat and shifting it on a horizontal pivot laterally, also forward and back, and raising and lowering the seat. It also consists in the construction of such chairs with perforated covers to the seats and backs for ventilation. Thus constructed, the seat and back will be kept moderately cool instead of becoming and remaining unpleasantly heated when in use.

WASHING MACHINE.—William W. Grant, Bloomington, Ill.—This invention has for its object to furnish an improved washing machine. It consists of a rectangular suds box, made with a concave bottom and concave vibratory back, so arranged as to swing down to allow the water to flow back into the suds box when a wringer is being used. It contains a corrugated beater board, actuated by a standard and lever passing through notches in the cover.

BUGGY REACH.—John W. Reeder, West Manchester, Ohio.—This invention has for its object to furnish an improved reach for buggles and other vehicles, which shall be so constructed that one of the wheels may rise in passing over obstructions without twisting the reach, splitting the headblock, breaking the braces, or straining or otherwise injuring the reach or its connections.

BOOK HOLDER.—David Moritz, Carmansville, and Robert White, Mott Haven, N. Y.—This invention relates to a new strap or holder for books, being intended for children's use while carrying their books to and from school, and for similar purposes. The invention consists in the combination of a spring slide with a perforated guide and with the fastening string, all operating in such manner that the string drawn through slide and guide will be clasped and held secured by the action of the spring.

Mode of Propelling Canal Boats.—Joseph Hough, of Buckingham, Pa.—This invention relates to a new apparatus for propelling ships and boats and for preventing, to the greatest practicable extent, the lateral disturbance of the water. The invention consists, first, in the use of a double propeller, composed of two wheels, that revolve in opposite directions but effect the same results by having their wings inclined in opposite directions. The invention consists, also, in the use, at the sides of the vessel, of laterally adjustable plates, which serve to absorb the lateral disturbance of water and thereby prevent all injury to the banks or shores of any water course in which the vessel may be used.

PAINT MILL.—Robert J. McGrew, Evansville, Ind., assignor to himself and George W. Shanklin, of same place.—This invention consists in an arrangement of the furrows or grooves of stationary or movable conical grinders, calculated to be efficient in performing work and to be self-sharpening. Second, it consists in a construction and arrangement of both the grinders, so that they can be readily taken off when worn out and new ones applied without any unnecessary waste of parts not worn out. Third, it consists in an arrangement of the connecting devices by which the bridge or top frame is connected to the hopper to facilitate the removal of the rotating grinder. Fourth, it consists of an arrangement of devices for suspending and adjusting the rotary grinder. Pitth, it consists of an arrangement of an arrangement of the ground paint.

Boring Machine.—William C. Freeman, Louisiana, Mo.—This invention consists of one or more gangs of boring tools arranged on a vertically adjustable support and provided with driving belts for the tools and apparatus for raising and lowering the tools while in operation, with automatic feeding gear, a hopper, guides, and holder for the stuff to be bored, all arranged so that the feeder pushes a board from the bottom of the hopper along the guides to the holder over the gangs of boring tools, which then come up and bore the board along one or both edges at the same time that the feeder goes back for another board, and then go down before the feeder comes forward again with the next board and ejects the first by the next, and so on. The hopper, guides, holder, and the tools are adjustable to boards of different sizes.

LEATHER BOARDING AND GRAINING MACHINE. - Louis Townsend. Terre Haute, Ind.—This invention has for its object to furnish an improved machine for boarding and graining leather, doing its work quicker and better than it can be done by hand, and with substantially the effect of hand board ing upon the leather. By suitable construction the upper boarding and graining roller can be raised for the convenient insertion of the leather without disarranging the gearing. The frame is held down to hold the upper roller down upon the lower roller by a spring. Levers are provided, the outer ends of which are connected by a cross bar which serves as a foot lever or treadle for operating said levers. The inner ends of the levers are pivoted to the lower parts of the sliding bars or frame and also to the frame of the machine. A roller is attached, made somewhat smaller than the boarding and graining rollers, so as to enter the space between the forward sides, and hold the leather firmly against them. In using the machine the outer ends of the levers are pressed down, which raises the frame and upper roller and operates another lever to throw back the small roller and blade. The leather is then passed between the rollers and the blade and as the levers are released the spring forces the frame and roller down, which operates the second levers to throw the blade and roller forward, the blade folding or doubling the leather, and the small roller holding it firmly against the graining rollers. If, now, the machine is started, certain rollers will draw the leather inward and other rollers will draw it outward, while the blade will keep it doubled or folded and pressed in between the graining rollers, the fold of the leather constantly changing its place, and the same effect being produced as is produced by hand board ing and graining, and doing it quicker and better.

SASH BALANCE.—Herman Gross, Hoboken, N. J.—The invention consists in a screw passing through a nut at the meeting rail and springat one end, all arranged on the inside of window frame, and so adjusted that the tension of the spring tends to turn the screw in the direction to raise the sash with just sufficient power to balance or hold the sash wherever it may be, so that the latter can be moved up or down with but a slight application of force, the same as when balanced by a cord and weight or other balancing contrivance.

BUGGY, FARM AND LUMBER WAGON.—Chesley Jarnagin, Beans Station, Tenn.—The invention consists in a peculiar mode of arranging the seat so that it will be out of the wayof any load that maybe carried, and so that the driver may never be inconvenienced by the load, and thereby incapacitated from a faithful attention to his business; also in a stone body of peculiar construction and adaptation; and also in a new mode of graduating the load upon a stone body.

HAY OR GRAIN RACK.—Chesley Jarnagin, Beans Station, Tenn.—The invention consists in a lower frame for hay racks, which projects forward and rests upon a platform of the running gear; in a shield or fender by which all forward movement of the load in going down hill, and all inconvenience from the same to the driver, is entirely prevented; and also in a folding curtain fastened to said shield and attached to an end pivoted to a bow, to shelter the driver from the effects of the direct rays of the sun.

Manufacture of Bromine.—Herman Lerner, Mason City, and Elijah C. Harpold, Hartford City, W.Va.—The invention consists in making the bitter water pan with a close cover so as to form a boiler, and in connecting its steam space with the stills, whereby the vaporized bitter water may be utilized for the agitation of the liquid therein. It also consists in connecting this boiler with a primary reservoir, which is thereby kept at a proper temperature, and a large proportion of the salt precipitated. It also consists in connecting the furnace with a secondary reservoir, whereby the latter may be always maintained at the desired temperature, and thereby precipitate hearly all the residue of salt.

COTTON CULTIVATOR.—William Brooks, Lexington, Ga.—This invention relates to a cultivator for cotton and other crops, etc., and it consists in the combination, with an ordinary single shovel plow, of a pair of horizontal curved wings, which are attached loosely to the heel of the shovel standard by means of a single fulcrum bolt, to enable said wings to adjust themselves to the surface of the ground.

BLIND SLAT ADJUSTER.—Oliver L. Houghton, Holden, Mo.—This invention consists of a coiled spring connected to one of the slats for turning them up all the slats being connected together with a ratchet disk on the lower slat, and a catch pivoted on the lower cross piece of the blind to hold the slats open; or, instead of the disk and catch, it is proposed in some cases to have a hasp with a knob hinged to the lower slat, and a catch plate attached to the cross piece below, for pulling the slats down, and fastening them by a pin on the hasp.

EARTH AUGER.—Joseph Wilson, Cameron, Mo., assignor to biuself and Lewis A. Bing, of same place.—This invention relates to access for boring wells, and consists of two semicircular tapering pods, each with a cutting lip and opening, securely riveted or fastened to arms. Securely fastened, by brazing or otherwise, to the sides of the shank, are two pairs of cross plates. To the upper pair the ends of the arms are jointed, so that the parts of the pod may be separated when the auger is raised and the inclosed earth may be released. The pods are held together in close contact with each other, so that they form a round hollow cylinder sufficiently tapering to allow it to be revolved in the earth with but little friction. When the auger is full it is withdrawn, the pods are separated, and the earth discharged.

AWNING SLIDE.—John Boyle, New York city.—This invention has for its object to furnish an improved awning slide, retaining its position securely and not being liable to get out of order; and it consists in a grooved slide, sliding block, and the tubular socket to receive the rod.

▶RAWER SUPPORT.—John Baggs, Easton, Md.—The invention relates to drawers generally, and consists in providing them with a support, susceptible of easy adjustment to take up wear, prevent sticking, and render the relative position of a drawer to the frame always readily maintainable. It consists, secondly, in beveling the front division piece between drawers, so that the drawer will not rub the veneering and cause it to peel off, but will cease to have a bearing on said division as soon as it is started outwardly, and will not contact with it until the drawer is entirely closed.

ADJUSTABLE CHIMNEY CAP.—Patrick H. Carlin, Brooklyn, assignor to himself and George H. McLaughlin, New York city.—This invention has for its object to produce a metallic chimney cap or covering for the tops of chimneys in place of the blue stone or other stone or brick caps heretofore used, and thereby to increase the strength and durability of chimneys, and reduce the possibility of their crumbling to pieces. The invention consists in the use of a metallic top having adjustable ledges to fit any thickness of walls, and adjustable cross pieces to fit any position of flues.

COOKING VESSEL OR BOILER .- William Y. Thomson, Ovster Bay, N. Y .-This invention has for its object to furnish an improved cover for kettles and other cooking vessels, which shall be so constructed that the liquid contents can be conveniently poured off without danger of spilling the solid contents of the vessel or scalding the hands of the operator. Upon the upper part of the opposite sides of the inner surface of the vessel, and directly opposite the lugs, are attached shoulders or flanges upon which the cover rests. To the inner side of the Vessel are attached lugs or pins to keep the cover in place upon the shoulders. The cover is made in the form of two semicircular disks, hinged to each other at their straight edges. To the middle part of one of the semicircular disks is attached the handle by which the cover is handled. In the other semicircular part of the cover are formed a number of perforations, through which the water flows out when the kettle is inclined. The perforated part of the cover is covered with a flap, binged to the said semicircular dish, so that it may be pushed out by the outflowing liquid. Suitable means are provided so that, by turning the cover one quarter around, it will be locked into place. In pouring off the liquid contents of the vessel, the said vessel is inclined by means of the handle, upon the lower ends of the arms of which are formed straight hooks which enter slots in the lugs formed upon the lower part of the said kettle. This construction en bles the handle to be kept from dropping down upon the stove or range and

CORN PLOW AND MARKER.—George W. Meixell, Hecktown, Pa.—This invention has for its object to furnish an improved machine for furrowing the ground for planting and cultivating. The two beams, to which the standards of the plows are attached.. are connected and held in their proper relative positions by the cross bars, which are secured to the upper sides of the eams so that the plows may be conveniently adjusted wider apart or closes together, as circumstances may require. The rear end of the tongue, which is loosely bolted to the center of the central cross bar, passes through a keeper, which is so formed as to allow the said tongue to have a vertical but no lateral movement. This construction relieves the horses' necks from having to support any weight, and at the same time leaves the plows free to follow the surface of the ground. The depth at which the plows work in the ground is regulated by the gage wheels, which may be readily adjusted. The handles may be inclined, to allow the plowman, while guiding the plows, to walk at the side of the row of plants being cultivated. By suitable construc tion, the marker may be turned from one side to the other as the machine passes back and forth across the field, working equally well at either side.

MACHINE FOR POLISHING MARBLE AND WOOD.—John C. Mateer, Kanka-kee, III.—This invention has for its object to furnish an improved machine for polishing marble and wood, and which may also be used for operating a bit or drill for boring purposes, doing its work well and thoroughly, and adjusting itself to the surface to be operated upon; and it consists in a vertical shaft, revolving in bearings attached to suitable supports. Upon the upper part of the shaft are placed a fast pulley and a loose pulley to receive the driving belt. A frame is arranged, to the rear ends of the top and bottom bars of which are attached bearings in which the shaft revolves, so that the said frame may be supported by the said shaft. This shaft, by means of a belt, imparts motion to a second shaft attached to the frame. From the second shaft extends another frame, at the end of which is a third shaft, to the lower extremity of which the rubber is fastened and so arranged as to adjust itself to the surface to be operated upon. The swinging frames can be conveniently raised and lowered to adjust them to the thickness of the material to be operated upon.

STEAM ROAD ROLLER .- Thomas Aveling, Rochester, England .- The ob ject of this invention is to construct a light and efficient steam road rolle with horizontal boiler. To this end, the construction of the roller is so modifled as to avoid the necessity for the heavy framing heretofore employed In carrying out the invention, the general arrangement of the ordinary trac tion engine is adopted, converting the driving wheels into rollers, and the space left by these rollers is covered by a pair of front rollers, which serve also as steering wheels. These rollers are made conical or "dished," in orde that, on the ground line, they may be close together, while at and above their axle there is space for a vertical shaft standing up from their axle, and which serves as a front support for the boiler. This support is so connected to the shell of the horizontal boiler as to allow of its receiving a slight late ral (as well as an axial) motion, which lateral motion is required to permi of the rollers adjusting themselves to their work. The front rollers are mounted loosely on a dead axle to which is bolted the lower end of the ver tical shaft or support. To the extremities of this axle a horizontal forked or saddle piece is attached to receive and act as a guide for the steering chain. The chain passes rearward to a chain wheel, by turning which the steering of the rollers will be effected, their axle being free to swivel and oscillate with the vertical support attached thereto. Mr. Aveling has donmore towards developing improvements in this line of invention than any

other person. Aveling & Porter manufacture the machines in England, and Mr. W. C. Oastler, 43 Exchange Place, New York city, is the agent for this country.

BRIDGE.—George E. Harding, New York city.—The invention consists in a stiff upper chord of metal or wood, preferably arranged in the form of a double ribbed arch, braced and counterbraced in suitable panels, and rigidly connected at each end with a double lower catenary chord, also braced and counterbraced with vertical tension rods connecting the upper and lower chords.

[OFFICIAL.]

Index of Inventions

For which Letters Patent of the United States were granted.

FOR THE WEEK ENDING NOVEMBER 5, 1872, AND EACH

BEARING THAT DATE.

SCHEDULE OF PATENT FEES:

ļ	On each Caveat	
ŀ	On each Trade-Mark	
ļ	On issuing each original Patent	
ļ	On appeal to Examiners-in-Chief	
1	On appeal to Commissioner of Patents	
1	On application for Reissue	
1	On application for Extension of Patent	
l	On filing a Disclaimer	
Į	On an application for Design (three and a half years)	
ł	On an application for Design (seven years)	
į	On an application for Design (fourteen years)	\$30
l	Animal matter, treating, M. J. Stein.	199 878
Į	Auger bit, R. A. Whitmore	132,883
Ì	Auger, earth, T. C. Harris	132,830
I	Axle for vehicles, W. Pursell	132,859
I	Barrel head, W. W. Crooker.	
Į	Bearings, etc., alloy or metallic compound for, C. Adams Bed bottom, spring, R. W. McIntyre	
I	Bed bottom, spring, H. E. Maker.	
İ	Bee hive, W. B. Arndt	132,787
1	Birdcage hook, D. McArthur	132,846
Ì	Bit brace, Q. S. Backus.	
1	Bit stock, Q. S. Backus	
	Boot and shoe insole, G. H. Whitaker	
	Boot and shoe shank, Gordon and Dow	
	Boot and shoe uppers and soles, machine for uniting, G. McKay	
İ	Boot and shoe counter, G. W. Day.	
	Boots and shoes, device for lasting and making, L. R. Blake Bridge, H. C. Russell	
	Bridge, iron truss, T. C. Clarke	132.803
	Button, sleeve, Harrington and Cooke	132,761
	Can for shipping oil, etc., H. G. Porter	
	Car coupling, Neisch and Hirner	
	Car, dumping, J. R. Dubois.	132.818
	Car, sleeping, W. E. Gowdy	132,825
	Car spring, L. Vote	132,879
	Car spring, rubber, A. H. King	
	Cars, connecting and disconnecting differently gaged, C. D. Tisdale Cars, etc., bolt for freight, C. E. Shanahan	
	Lathe dog, Cliff and Haynes.	
	Lathe dog, L. P. Whiting	
	Letter box A. T. Sinclaire	-182,865
	Lock, S. N. Brooks, (reissue) Mast coat, Perkins and Stetson	
ŀ	Mechanical escapement, E. C. Hopping.	
	Carriages, top support for, H. J. Lingenfelter	132,766
	Carriages, metallic binding for dash boards of, J. Curtis	
Ì	Chair, W. W. Haupt. Chair and bed, combined, J. H. Green.	
	Churn dasher, A. W. McClure	132,767
	Clevis, E. R. Kagarice.	
. !	Clothes frame, H. T. Field. Clothes wringer, Vose and Evans.	
	Coal chute, C. W. Williams.	
	Coffee huller, T. T. Woodruff	192 887
	Commode, W. Prangley. Cooling mash, apparatus for, A. Naegeli.	132,775
•	Corn sheller, hand, G. C. Ballard.	132,730
	Corset spring, S. H. Barnes, (reissue)	5.130
,	Coupling, drill rod, W. H. Downing	132,755
l	Cover, terra cotta grave, C. C. W. Morgan Crib, child's, J. Batley	182,331
	Cupboard catch, J. Ottner	132,771
	Cultivator, W. Brooks	132,796
,	Cultivator, G. Jessup	132,764
	Curtain fixture, B. Landon	132,726 5,135
•	Door spring, I. Buckman, Jr	132,710
	Earth closet, H. Clark	132,802
•	Elevator, ice, W. Eighmie Elevator, steam water, W. E. Prall, (reissue)	132,758
	Engine and pump, rotary, J. Harris.	5,138 132,829
	Engines, spark arrester for locomotive, Thornton and Buckland	. 132,877
	Eyelets, machine for making, J. F. Richards, (reissue)	
,	Fastening, nut and bolt, A. C. Smith	
ı	Ferrule for brooms, screw, M. W. Dillingham	132,817
9	Fertilizers, treating animal matters for, Hogel and Edwards	
•	Fire kindler, W. H. Thomas. Fire arms, breech loading, W. M. Storm.	
•	Fly catcher, J. Olson	132,738
•	Fuel, apparatus for preparing artificial, W. H. and E. Cory	132,751
	Furnace for annealing plow shares, etc., W. M. Watson, (reissue) Garbage box, M. Bacharach	
,	Gas heater, E. Barnes.	
	Gate, J. Curry	
r	Grain drill, C. E. Patric.	
-	Harness, E, C. Patterson. Harness, shaft and thill tug for, W. H. Duval.	
	Harrow, L. L. Willson.	132,885
•	Harrow, S. J. Newell.	132,853
3	Harvester rake, W. T. Smith.	
r	Heel, S. A. Brackett	
9	Hinge, blind, D. Bull.	132,748
1	Horse, hobby, W. E. and J. A. Crandall	
•	Hook and lid lifter, tipping, W. E. Simonds. Horse collars, pad for, T. Newbold.	
t	Horse powers, track sprinkler for, W. Brown	132,797
9	Hydrocarbon, apparatus for burning, I. Kendrick	. 132,839
1	Hydrocarbon inquids, apparatus for vaporizing, w. H. Burr	
3	Iron and steel shavings, etc., melting, G. Whitney	
e		
	Lamp, H. B. Wellman, (reissue)	5,139
d	Lamp, H. B. Wellman, (reissue)	. 5,139 . 13 2,8 3 1
ſ	Lamp, H. B. Wellman, (reissue) Lamp, argand, H. W. Hayden Lamp bracket, Young and Foote.	. 5,139 . 13 2,8 3 1 . 1 32,78

Medical compound, H. Themel	132,876	i
Medicated confections, N. Saltabassi	132,861	
Milk cooler, I. Wheeler	132,880	Walua at Hatanta
Milk cooler, Bort and Bryant	. 132,795	WAINE III PAIENC
Mill, fanning, L. L. Willson	132,784	Value of Patents,
.Mill, portable grist, M. Riech	132,777	; = wido of intollies,
Nails, tip for preventing the ingrowing of toe, E. E. Stedman		
Oil can, A. E. Stoessiger		AND HOW TO OBTAIN THEM.
Oil, lubricating, G. W. Gladden		AND HOW TO OBTAIN THEM.
Oil tank, J. Lessler		
Pail and stool combined, milking, M. A. Green		
Paint and package therefor, A. T. Stevens		T) A' 1 TT' A A T A
Paper file, L. P. Keech		Practical Hints to Inventors.
Pavement, G. H. Chinnock		ELIUPITAL LINIZ III INALININIZ
Pegging machine, L. D. Wheeler		TIMOMONIA TITHIN TO INTOTIONS
Pencil case, ornamented, E. S. Johnson, (reissue)		
Piano action, S. P. Brooks		
Pipe wrench, D. E. Eaton.		ROBABLY no investment of a small sum of money brings a
Pipe, coating, lead, R. P. Berry		greater return than the expense incurred in obtaining a patent
Pitcher holder, B. T. Currier		even when the invention is but a small one. Larger inventions
Pitchers, spout and lid of, D. Baker, (reissue)		are found to pay correspondingly well. The names of Blanchard,
Planter, corn, A. J. Noe		Morse, Bigelow, Colt, Ericsson, Howe, McCormick, Hoe, and
Planter, corn, W. J. Wallingford		others, who have amassed immense fortunes from their inven-
Planter, corn, A. Barnes.		tions, are well known. And there are thousands of others who
Planter, corn, H. Gortner	132,824	have realized large sums from their patents.
Flate lifter, hot, C. L. Merrill	132,848	More than FIFTY THOUSAND inventors have availed themselves
Platform switch, G. M. Guerrero		of the services of Munn & Co. during the TWENTY-SIX years they have acted as solicitors and Publishers of the Scientific American.
Plow, J. R. Harris		They stand at the head in this class of business; and their large corps
Plow, A. B. Smith		of assistants, mostly selected from the ranks of the Patent Office: men cap-
Plow, D. M. Allen		able of rendering the best service to the inventor, from the experience prac-
Plow cleaner, J. R. Place		tically obtained while examiners in the Patent Office: enables Munn & Co.
Plow, gang, J. Lane		to do everything appertaining to patents BETTER and CHEAPER than any
Plow, sulky, C. N. Owen		other reliable agency.
Potato digger, R. G. Dayton		mulata the standard towards the
Printer's composing stick, P. S. Hoe.		HOW TO This is the closing inquiry in nearly everyletter describing
Printing ink, J. Kircher		OBTAIN OBTAIN
Pump, steam, J. V. l'angburn		OBTAIN (Some invention which comes
Pump, steam vacuum, G. H. Nye		to this omce. A positive an-
Railway frog, W. Close		swer can only be had by presenting a complete application for a patent to the Commissioner of Patents. An application consists of a Model, Draw-
Railway snow plow, Hulbert and Anderson		ings, Petition, Oath, and full Specification. Various official rules and for-
Railway track clearer, S. W. Emery.		malities must also be observed. The efforts of the inventor to do all this
Rake, horse, Titus and Wood.		business himself are generally without success. After great perplexity and
Roller, pastry, W. C. Peirce		delay, he is usually glad to seek the aid of persons experienced in patent
Rollers, wiper for drawing, J. M. Dunham		business, and have all the work done over again. The best plan is to solicit
Roof, battening, G. W. Robinson		proper advice at the beginning. If the parties consulted are honorable men,
Rotary stool, G. H. Spencer		the inventor may sately confide his ideas to them; they will advise whether
Sash holder and tightener combined, A. P. Danfield		the improvement is probably patentable, and will give him all the directions
Saw mill, circular, D. Lane	132,041	
		needful to protect his rights.
Saw mill head block, C. M. Fairbanks	132,716	
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram.	132,716 132,773	How Can I Best Secure My Invention?
Saw mill head block, C. M. Fairbanks	132,716 132,773 132,845	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeder and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo.	132,716 132,773 132,845 132,757 132,850	How Can I Best Secure My Invention?
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo Shutter fastener, J. B. Sargent	132,716 132,773 132,845 132,757 132,850 132,862	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows,
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall.	132,716 132,773 132,845 132,757 132,850 132,862 132,821	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row,
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey.	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On re-
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor.	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749 132,866	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeder and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran.	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749 132,866 132,727	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension-smaller if possible-and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten.	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749 132,866 132,727 132,734	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue).	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749 132,866 132,727 132,734 5,128	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension-smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementss possible and send by mail. An answer as to the prospect
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten.	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749 132,866 132,727 132,734 5,128 132,781	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Sceler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe.	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749 132,866 132,727 132,734 5,128 132,781 132,856	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeder and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boller, W. H. Phelon.	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749 132,765 132,727 132,734 5,128 132,781 132,856 132,820	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent.
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Sceler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders.	132,716 132,773 132,845 132,757 132,850 132,821 132,821 132,749 132,866 132,727 132,734 5,128 132,856 132,820 132,888 132,866	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination.
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam balarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly.	132,716 132,773 132,845 132,757 132,850 132,821 132,826 132,727 132,734 5,128 132,781 132,850 132,850 132,858 132,858 132,868 132,868	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the inven-
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler, Ged water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley.	132,716 132,773 132,845 132,757 132,850 132,862 132,749 132,866 132,727 132,734 5,128 132,856 132,820 132,836 132,836 132,837 132,838 132,888 132,888 132,887 132,811	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these,
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (relssue). Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman.	132,716 132,773 132,852 132,852 132,862 132,821 132,749 132,734 5,128 132,734 5,128 132,781 132,856 132,869 132,868 132,869 132,871 132,711 132,738	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37Park Row, and in
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Sceler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler, G. W. H. Phelon. Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Strect sweeping machine, T. Craig.	132,716 132,773 132,852 132,852 132,862 132,821 132,749 132,734 5,128 132,734 132,781 132,852 132,869 132,868 132,868 132,857 132,871 132,858 132,869 132,837 132,738	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37Park Row, and in due time you will receive an acknowledgment thereof, followed by a writ-
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (relssue). Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman.	132,716 132,773 132,852 132,850 132,862 132,821 132,749 132,734 5,128 132,781 132,856 132,820 132,880 132,883 132,866 132,837 132,711 132,734 132,856 132,856 132,856 132,856 132,856 132,856 132,856 132,856 132,856 132,856	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37Park Row, and in
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Sceler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam boiler, G. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker.	132,716 132,773 132,850 132,851 132,852 132,852 132,866 132,727 132,781 132,856 132,852 132,856 132,852 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boiler, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing machine, J. Gerdom.	132,716 132,773 132,845 132,757 132,850 132,862 132,821 132,749 132,866 132,727 132,734 132,856 132,856 132,856 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858 132,858	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable.
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam boilers, feed water apparatus for, J. W. Youman. Steal mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Strect sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steamboat, A. & E. Buckman.	132,716 132,773 132,850 132,862 132,862 132,866 132,727 132,866 132,781 132,781 132,888 132,866 132,837 132,711 132,738 132,815 132,822 132,868 132,867 132,815 132,815 132,827 132,798	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent.
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Toy steam fire engine, A. and E. Buckman.	132,716 132,773 132,850 132,862 132,862 132,749 132,866 132,727 132,781 132,856 132,820 132,888 132,869 132,837 132,815 132,815 132,815 132,816 132,816 132,817 132,818	How Can I Best Secure My Invention? This is an inquiry which one inventor naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if sus-
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steamboat, A. & E. Buckman. Trunk, H. Dowens.	132,716 132,773 132,845 132,850 132,862 132,861 132,749 132,866 132,727 132,734 132,856 132,856 132,856 132,856 132,858 132,868 132,868 132,868 132,868 132,868 132,87 132,738 132,738 132,738 132,738 132,738 132,738 132,738	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the in-
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Sceler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally.	132,716 132,773 132,850 132,862 132,821 132,734 132,856 132,734 132,856 132,820 132,820 132,837 132,711 132,838 132,868 132,815 132,828 132,815 132,828 132,815 132,828 132,798 132,798 132,754	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredi-
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Toy steam fire engine, A. and E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe.	132,716 132,773 132,850 132,862 132,862 132,866 132,727 132,866 132,728 132,781 132,850 132,868 132,868 132,868 132,868 132,868 132,868 132,867 132,738 132,878 132,711 132,738 132,805 132,878 132,878 132,878 132,878 132,878 132,878 132,878	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed,
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Sceler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally.	132,716 132,773 132,850 132,862 132,862 132,866 132,727 132,781 132,856 132,856 132,856 132,856 132,858 132,868 132,868 132,868 132,873 132,815 132,815 132,816 132,817 132,738 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredi-
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boiler, feed water apparatus for, J. W. Youman. Steam boilers, feed water apparatus for, J. W. Youman. Steam lawrm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr.	132,716 132,773 132,850 132,862 132,866 132,727 132,856 132,856 132,856 132,856 132,856 132,856 132,856 132,858 132,858 132,868 132,858 132,858 132,858 132,858 132,738 132,738 132,738 132,738 132,738 132,754 132,754 132,776	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W.L. Rydman. Strect sweeping machine, T. Craig. Telegraph key, A. W. Decker Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steamboat, A. & E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge.	132,716 132,773 132,850 132,862 132,821 132,734 132,856 132,731 132,856 132,820 132,821 132,836 132,837 132,711 132,868 132,815 132,822 132,738 132,738 132,738 132,738 132,738 132,738 132,738 132,754 132,754 132,754 132,754 132,754 132,751	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest or remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co.
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (relssue). Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boiler, Ged water apparatus for, J. W. Youman. Steam boiler, feed water apparatus for, J. W. Youman. Steam boiler, or or casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam boat, A. & E. Buckman. Toy steam fre engine, A. and E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon shafts into poles, connecting, Darley and McLelian. Wasons, draft equalizer for, Kendle, Gates, and Orput. Washer for bolts, D. Cumming, Jr.	132,716 132,773 132,850 132,862 132,866 132,727 132,866 132,781 132,866 132,820 132,888 132,869 132,871 132,731 132,738 132,805 132,815 132,827 132,828 132,868 132,827 132,838 132,868 132,827 132,838	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer Shears, pruning, Moreau and Waldo Shutter fastener, J. B. Sargent Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W.L. Rydman. Strect sweeping machine, T. Craig. Telegraph key, A. W. Decker Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steamboat, A. & E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon shafts into poles, connecting, Darley and McLelian Wagons, draft equalizer for, Kendle, Gates, and Orput. Washing machine, D. T. Hoffman.	132,716 132,773 132,850 132,862 132,866 132,727 132,856 132,856 132,856 132,856 132,856 132,856 132,856 132,858 132,858 132,869 132,852 132,852 132,854 132,754 132,754 132,754 132,754 132,756 132,811 132,775 132,832	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest or remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co.
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram. Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam boilers, feed water apparatus for, J. W. Youman. Steal mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon shafts into poles, connecting, Darley and McLellan. Washing machine, D. T. Hoffman. Washing machine, W. H. Derosear.	132,716 132,773 132,850 132,862 132,862 132,863 132,863 132,863 132,863 132,863 132,863 132,863 132,863 132,864 132,751 132,754 132,754 132,751 132,754 132,751	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson. Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon slaffs into poles, connecting, Darley and McLelian. Wagons, draft equalizer for, Kendle, Gates, and Orput. Washing machine, D. T. Hoffman.	132,716 132,773 132,850 132,862 132,866 132,727 132,866 132,781 132,856 132,868 132,868 132,868 132,818 132,754 132,754 132,754 132,758 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818 132,818	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (relssue). Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boiler, or or or or or or or or or or or or or	132,716 132,773 132,850 132,862 132,866 132,727 132,866 132,781 132,866 132,820 132,888 132,869 132,871 132,731 132,738 132,805 132,815 132,827 132,837 132,838 132,868 132,827 132,781 132,784 132,785 132,815 132,827 132,838	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer Shears, pruning, Moreau and Waldo Shutter fastener, J. B. Sargent Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W.L. Rydman. Strect sweeping machine, T. Craig. Telegraph key, A. W. Decker Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steamboat, A. & E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon shafts into poles, connecting, Darley and McLelian Wagons, draft equalizer for, Kendle, Gates, and Orput. Washing machine, D. T. Hoffman. Washing machine, J. C. Grannan. Water wheel, D. C. Wolf. Water supply for cities, system of, B. Holly (reissue).	132,716 132,773 132,850 132,862 132,866 132,727 132,856 132,856 132,856 132,856 132,856 132,856 132,856 132,857 132,734 132,734 132,738 132,856 132,857 132,738 132,856 132,857 132,754 132,754 132,754 132,756 132,811 132,756 132,815 132,832 132,816 132,868 5,133	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (relssue). Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boiler, or or or or or or or or or or or or or	132,716 132,773 132,850 132,862 132,861 132,727 132,866 132,727 132,781 132,850 132,868 132,868 132,868 132,868 132,868 132,868 132,868 132,868 132,868 132,868 132,871 132,738 132,875 132,754 132,754 132,761 132,761 132,761 132,761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,7761 132,8761 132,7760 132,8761 132,7760 132,8760	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam lasrm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Strect sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Toy steam fire engine, A. and E. Buckman. Toy steam fire engine, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon shafts into poles, connecting, Darley and McLelian. Wagons, draft equalizer for, Kendle, Gates, and Orput. Washing machine, D. T. Hoffman. Washing machine, D. T. Hoffman. Washing machine, D. C. Grannan. Water wheel, D. C. Wolf. Water supply regulator for water works, B. Holly (reissue).	132,716 132,773 132,850 132,862 132,866 132,727 132,834 5,128 132,856 132,869 132,818 132,856 132,818 132,856 132,818 132,816 132,817 132,754 132,754 132,754 132,754 132,754 132,754 132,754 132,754 132,754 132,754 132,756 132,818	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer. Shears, pruning, Moreau and Waldo. Shutter fastener, J. B. Sargent. Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor. Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler, W. H. Phelon. Steam boiler, Seed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman. Street sweeping machine, T. Craig. Telegraph key, A. W. Decker. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe. Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon shafts into poles, connecting, Darley and McLelian. Wagons, draft equalizer for, Kendle, Gates, and Orput. Washing machine, D. T. Hoffman. Washing machine, J. C. Grannan. Water wheel, D. C. Wolf. Water supply regulator for water works, B. Holly (reissue). Watchmaker's lathe and chuck, C. Hopkins.	132,716 132,773 132,850 132,862 132,866 132,727 132,866 132,781 132,866 132,781 132,868 132,869 132,878	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin Sewer basing, E. L. Dyer Shears, pruning, Moreau and Waldo Shutter fastener, J. B. Sargent Sign, G. A. Fall Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor Stair cover, M. McGeviran Staves, machine for crozing and chamfering, O. Osten Steam engine, H. W. Adams (reissue) Steam engine valve, G. C. Timpe Steam boiler, W. H. Phelon Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman Steam lasrm, superheated, D. Saunders Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W. L. Rydman Strect sweeping machine, T. Craig Telegraph key, A. W. Decker Thrashing machine, J. Gerdom Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steam fire engine, A. and E. Buckman Trunk, H. Dowens Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon shafts into poles, connecting, Darley and McLelian Wagons, draft equalizer for, Kendle, Gates, and Orput. Washing machine, D. T. Hoffman Washing machine, D. T. Hoffman Washing machine, D. C. Grannan. Water wheel, D. C. Wolf. Washing machine, W. H. Derosear Washing machine, J. C. Grannan. Water supply regulator for water works, B. Holly (reissue). Water supply regulator for steet works, B. Holly (reissue) Water supply regulator for steet works, B. Holly (reissue) Water supply regulator for steet works, B. Holly (reissue) Water supply regulator for steet works, B. Holly (reissue) Water supply regulator for steet works, B. Holly (reissue) Water supply regulator for steet works, B. Holly (reissue)	132,716 132,773 132,850 132,862 132,821 132,749 132,866 132,727 132,784 5,128 132,850 132,868 132,868 132,868 132,868 132,868 132,868 132,871 132,738 132,871 132,738 132,871 132,738 132,871 132,738 132,871 132,738 132,875 132,876 132,776 132,876 132,776 132,876 132,776 132,876 132,760 5,133 132,763 5,140 132,7768	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a penell, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of
Saw mill head block, C. M. Fairbanks Scrubber and polisher, W. M. Pegram Seeler and cultivator combined, S. Martin. Sewer basing, E. L. Dyer Shears, pruning, Moreau and Waldo Shutter fastener, J. B. Sargent Sign, G. A. Fall. Sole burnishing machine, A. C. Carey. Splints,machine for making, Skelton and Victor Stair cover, M. McGeviran. Staves, machine for crozing and chamfering, O. Osten. Steam engine, H. W. Adams (reissue). Steam engine valve, G. C. Timpe. Steam boiler, W. H. Phelon. Steam boiler compound for preventing incrustation, Ellis & Dobson Steam boilers, feed water apparatus for, J. W. Youman. Steam alarm, superheated, D. Saunders. Steel, mold and core for casting, W. Kelly. Stove, cooking, Chamberlain and Crowley. Stove pipe collar and stopper, W.L. Rydman. Strect sweeping machine, T. Craig. Telegraph key, A. W. Decker Thrashing machine, J. Gerdom. Thrashing and hulling machine, J. W. Smith. Tobacco, bunching and pressing, D. Harris. Toy steamboat, A. & E. Buckman. Toy steamboat, A. & E. Buckman. Trunk, H. Dowens. Umbrella, J. H. Dally. Valve for steam engines, G. C. Timpe Vat, cheese, E. G. Seeger, Jr. Vise, J. Ridge. Wagon shafts into poles, connecting, Darley and McLelian Wagons, draft equalizer for, Kendle, Gates, and Orput. Washing machine, D. T. Hoffman. Washing machine, D. T. Hoffman. Washing machine, J. C. Grannan Washing machine, J. C. Grannan Washing machine, J. C. Grannan Water wheel, D. C. Wolf. Water supply for cities, system of, B. Holly (reissue). Watchmaker's lathe and chuck, C. Hopkins. Wheels, manufacture of cast chilled, G. Whitney (reissue). Windmill, G. C. and J. H. Morgan.	132,716 132,773 132,850 132,862 132,866 132,727 132,834 5,128 132,850	How Can I Best Secure My Invention? This is an inquiry which one inventer naturally asks another, who has had some experience in obtaining patents. His answer generally is as follows, and correct: Construct a neat model, not over a foot in any dimension—smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvementas possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent. Preliminary Examination. In order to have such search, make out a written description of the invention, in your own words, and a pencil, or pen and ink, sketch. Send these, with the fee of \$5, by mail, addressed to Munn & Co., 37 Park Row, and in due time you will receive an acknowledgment thereof, followed by a written report in regard to the patentability of your improvement. This special search is made with great care, among the models and patents at Washington, to ascertain whether the improvement presented is patentable. To Make an Application for a Patent. The applicant for a patent should furnish a model of his invention if susceptible of one, although sometimes it may be dispensed with; or, if the invention be a chemical production, he must furnish samples of the ingredients of which his composition consists. These should be securely packed, the inventor's name marked on them, and sent by express, prepaid. Small models, from a distance, can often be sent cheaper by mail. The safest way to remit money is by a draft, or postal order, on New York, payable to the order of Munn & Co. Persons who live in remote parts of

APPLICATIONS FOR EXTENSIONS.

Applications have been duly filed and are now pending for the extension of the following Letters Patent. Hearings upon the respective applications are appointed for the days hereinafter named, -CARPET SWEEPER.-N. B. Pratt. January 22, 1873. 22,990.—Mop Head.—L. Taylor. January 29, 1873. 23,034.—Fire Plug.—J. L. Lowry. February 5, 1873.

EXTENSIONS GRANTED.

2,036.—Fruit Preserving Houses.—B. M. Nyce. 2,038.—Preserving Fruit, etc.—B. M. Nyce. 4,784.—Preserving Fruits, etc.—B. M. Nyce. 7.813. -- HORSE RAKE .-- H. W. Sabins. 21,924.—Patching Rifle Balls.—L. H. Gibbs. 21,936.-LOCOMOTIVE ENGINE TRUCK.-L. Bissell. 21,952.—CAR SPRING.—P. G. Gardiner. 21,991.-SAFETY STEAM BOILER.-F. Stebbins. 22,049.—RAILROAD CAR WHEEL.—T. C. Ball.

DESIGNS PATENTED.

6.235.-TEA CAN.-J. Britton, Greenpoint, N. Y. 6,236 & 6,237.—FURNITURE.—D. Denyven, Cambridgeport, Mass 6.238.-Cooking Stove.-A. J. Gilbert, New York city. 6,239.-Perfumery Bottle.-F. Storm, Philadelphia, Pa. 6,240.-Cooking Stove.-I. J. Vincent, Pittston, Pa. 6,241.—COOKING STOVE.—I. J. Vincent, Pittston, Pa. 6,242.—Cooking Stove.—A. C. Williams, Albany, N. Y. 6,243.—Fire Set Holder.—A. Wunder, New Haven, Conn.

TRADEMARKS REGISTERED.

48.-MEDICINE.-T. Boyce, F. McKenzie, San Francisco, Cal. 1,049.—WHISKY.—F. Chevalier & Co., San Francisco, Cal. ,050.-MUSTARD.-H. C. Hudson & Co., San Francisco, Cal. ,051.—CHAMPAGNE WINE.—Renauld, Francois & Co., New York city. BRANDY.-Renauld François & Co., New York city.

Value of Patents,

Practical Hints to Inventors.





How Can I Best Secure My Invention?

Construct a neat model, not over a foot in any dimension-smaller if possible—and send by express, prepaid, addressed to Munn & Co., 37 Park Row, | do not use pencil, nor pale ink be brief. New York, together with a description of its operation and merits. On receipt thereof, they will examine the invention carefully, and advise you as to its patentability, free of charge. Or, if you have not time, or the means at hand, to construct a model, make as good a pen and ink sketch of the improvement as possible and send by mail. An answer as to the prospect of a patent will be received, usually, by return of mail. It is sometimes best to have a search made at the Patent Office; such a measure often saves the cost of an application for a patent.

Preliminary Examination.

To Make an Application for a Patent.

Caveats.

Reissues.

A reissue is granted to the original patentee, his heirs, or the assignees of the entire interest, when, by reason of an insufficient or defective specification, the original patent is invalid, provided the error has arisen from inadvertence, accident, or mistake, without any fraudulent or deceptive inten-

A patentee may, at his option, have in his reissue a separate patent for each distinct part of the invention comprehended in his original application by paying the required fee in each case, and complying with the other re quirements of the law, as in original applications. Address MUNN & Co. 37 Park Row, for full particulars

Rejected Cases.

Rejected cases, or defective papers, remodeled for parties who have made applications for themselves, or through other agents. Terms moderate, pertaining to the interests of millwrights and millowners will be found pub-Address Munn & Co., stating particulars.

Trademarks.

tion residing in any foreign country where similar privileges are extended to citizens of the United States, may register their designs and obtain protection. This is very important to manufacturers in this country, and equal ly so to foreigners. For full particulars address Munn & Co., 37 Park Row

Foreign designers and manufacturers, who send goods to this country may secure patents here upon their new patterns, and thus prevent others from fabricating or selling the same goods in this market.

A patent for a design may be granted to any person, whether citizen or alien, for any new and original design for a manufacture, bust, statue, alto relievo, or bas relief; any new and original design for the printing of woolen, silk, cotton, or other fabrics; any new and original impression, ornament, pattern, print, or picture, to be printed, painted, cast, or otherwise placed on or worked into any article of manufacture.

Design patents are equally as important to citizens as to foreigners. For full particulars send for pamphlet to Munn & Co., 37Park Row, New York.

Canadian Patents.

On the first of September, 1872, the new patent law of Canada went into force, and patents are now granted to citizens of the United States on the same favorable terms as to citizens of the Dominion.

In order to apply for a patent in Canada, the applicant must furnish model, specification and duplicate drawings, substantially the same as in applying for an American patent.

The patent may be taken out either for five years (government fee or \$20) for ten years (government fee \$40) or for fifteen years (government fee \$60). The five and ten year patents may be extended to the term of fifteen years. The formalities for extension are simple and not expensive.

American inventions, even if already patented in this country, can be patented in Canada provided the American patent is not more than one year

All persons who desire to take out patents in Canada are requested to communicate with Munn & Co., 37 Park Row, N. Y., who will give prompt attention to the business and furnish full instruction.

Foreign Patents.

The population of Great Britain is 31,000,000; of France, 37,000,000; Belghm, 5,000,000; Austria, 36,000,000; Prussia, 40,000,000; and Russia, 70,000,000. Patents may be secured by American citizens in all of these countries. Now is the time, while business is dull at home, to take advantage of these immense foreign fields. Mechanical improvements of all kinds are always in demand in Europe. There will never be a better time than the present to take patents abroad. We have reliable business connections with the principal capitals of Europe. A large share of all the patents secured in foreign countries by Americans are obtained through our Agency. Address MUNN & Co., 37 Park Row, New York. Circulars with full information on foreign patents, furnished free.

Value of Extended Patents.

Did patentees realize the fact that their inventions are likely to be more productive of profit during the seven years of extension than the first full term for which their patents were granted, we think more would avail themselves of the extension privilege. Patents granted prior to 1861 may be extended for seven years, for the benefit of the inventor, or of his heirs in case of the decease of the former, by due application to the Patent Office, ninety days before the termination of the patent. The extended time inures to the benefit of the inventor, the assignees under the first term having no rights under the extension, except by special agreement. The Government fee for an extension is \$100, and it is necessary that good professional service be obtained to conduct the business before the Patent Office. Full information as to extensions may be had by addressing Munn & Co., 37 Park Row.

Copies of Patents.

Persons desiring any patent issued from 1836 to November 26, 1867, can be supplied with official copies at a reasonable cost, the price depending upon the extent of drawings and length of specification.

Any patent issued since November 27, 1867, at which time the Patent Office commenced printing the drawings and specifications, may be had by remitting to this office \$1.

A copy of the claims of any patent issued since 1836 will be furnished

When ordering copies, please to remit for the same as above, and state ame of patentee, title of invention, and date of patent. Address Munn & Co., Patent Solicitors, 37 Park Row, New York city.

MUNN & Co. will be happy to see inventors in person, at their office, or to advise them by letter. In all cases, they may expect an honest opinion. For such consultations, opinions and advice, no charge is made. Write plain

All business committed to our care, and all consultations, are kept secret and strictly confidential.

In all matters pertaining to patents, such as conducting interferences, procuring extensions, drawing assignments, examinations into the validity of patents, etc., special care and attention is given. For information, and for pamphlets of instruction and advice

PUBLISHERS SCIENTIFIC AMERICAN.

37 Park Row, New York.

OFFICE IN WASHINGTON-Corner F and 7th streets, opposite



OF THE

SCIENTIFIC AMERICAN.

The Best Mechanical Paper in the World!

A year's numbers contain over 800 pages and several hundred engravings of new machines, useful and novel inventions, manufacturing establish-

The SCIENTIFIC AMERICAN is devoted to the interests of Popular Science, the Mechanic Arts, Manufactures, Inventions, Agriculture, Commerce, and the Industrial pursuits generally, and is valuable and instructive not only in the Workshop and Manufactory, but also in the Household, the Library, and the Reading Room.

To the Mechanic and Manufacturer!

No person engaged in any of the mechanical pursuits should think of doing without the Scientific American. Every number contains from six to ten engravings of new machines and inventions which cannot be found in any other publication.

Chemists, Architects, Millwrights and Farmers.

The SCIENTIFIC AMERICAN will be found a most useful journal to them. All the new discoveries in the science of chemistry are given in its columns; and the interests of the architect and carpenter are not overlooked, all the new inventions and discoveries appertaining to these pursuits being published from week to week. Useful and practical information lished in the Scientific American, which information they cannot possibly obtain from any other source. Subjects in which planters and farmers are interested will be found discussed in the Scientific American, many im-Any person or firm domiciled in the United States, or any firm or corpora- i provements in agricultural implements being illustrated in its columns.

We are also receiving, every week, the best scientific journals of Great Britain, France and Germany; thus placing in our possession all that is transpiring in mechanical science and art in these old countries. We shall continue to transfer to our columns copious extracts, from these journals, of whatever we may deem of interest to our readers.

TERMS.

		-	~ 10		•						
One copy, one year							-			-	\$3.00
		-							-	-	1,50
		-		-	-		-	-	-		1.00
One copy of Scientific	Ame	ricar	for	one ye	ear,	and (one c	ору	of e	ngra	٧-
ing, "Men of Progress,"	•			-	•	•	•	•	•	•	10.00
One copy of Scientific A	mer	ican	for o	ne ye	ar, a	nd o	ne co	ру о	f"S	cien	ce
Record," for 1873 -				-	-	-	-	•	-	-	4.50
	ing, "Men of Progress," One copy of Scientific A	One copy, six months One copy, four months One copy of Scientific Ame ing, "Men of Progress," One copy of Scientific Amer	One copy, one year One copy, six months One copy, four months One copy of Scientific Americat ing, "Men of Progress," One copy of Scientific American	One copy, one year One copy, six months One copy, four months One copy of Scientific Americanfor (ing, "Men of Progress," One copy of Scientific American for o	One copy, one year One copy, six months One copy, four months One copy of Scientific American for one yeing, "Men of Progress," One copy of Scientific American for one ye	One copy, six months One copy, four months One copy of Scientific American for one year, ing, "Men of Progress," One copy of Scientific American for one year, a	One copy, one year One copy, six months One copy, four months One copy of Scientific American for one year, and ing, "Men of Progress," One copy of Scientific American for one year, and o	One copy, one year One copy, six months One copy, four months One copy of Scientific American for one year, and one copy, "Men of Progress," One copy of Scientific American for one year, and one co	One copy, one year One copy, six months One copy, four months One copy of Scientific American for one year, and one copy ing, "Men of Progress," One copy of Scientific American for one year, and one copy o	One copy, one year One copy, six months One copy, four months One copy of Scientific American for one year, and one copy of eign, "Men of Progress," One copy of Scientific American for one year, and one copy of "S	One copy, one year One copy, six months One copy, four months One copy of Scientific American for one year, and one copy of engra ing, "Men of Progress," One copy of Scientific American for one year, and one copy of "Science

Remit by postal order, draft or express. The postage on the Scientific American is five cents per quarter, payable

at the office where received. Canada subscribers must remit, with subscrip . tion, 25 cents extra to pay postage. Address all letters, and make all Post Office orders or drafts payable to

MUNN & CO.,

37 Park Row, New York,