## Scientific American.

CORRESPONDENTS

W. A. T., of N. H .- There is no good work publishe in our country on cottor and wool dyeing. C. P. H., of Pa.-It is not in our line of profession to

advise with parties concerning infringements. J. M. H., of Lu.-There are already existing patents for rolling up the sail on the yard. The plan has been in use several years with good successon many English sbips.

I.C. of 111 Ventilated shoes are very common in this market, and would answer a good purpose for obviating the difficulties of which you complain.

J. L. M., of Pa.-We are not engaged in buying or sell. ing patents, and would refer you to such parties as you

Ray find advertising in our columns, R. U. P., of Mass.—If you will send us a description of your safety twee for fluid lamps we will advise you as to its novelty and patentability. There are already sev-eral patents in existence for obviating the same defect in

lemps, but your plan may be superior to any of them. J. W., of Pa.—Your apparatus is substantially on th same principle as most of the gas regulators in use. These prevent .he blowing of the gas, and equalize the pressure on the burners, but do not prevent the flickering com

plained of in our article. M. (), B., of Pa.-We know of no machine for cleaning bottles by steam; but H. N. DeGraw, Green Island, N. Y.. has a capital invention for cleaning them with water

E. E. A., of Iowa-D'Aubuisson's Hydraulics, translated "om the French by Joseph Bennes, C. E. and others, is the best work we know for young millwrights. We cannct buy it for you. We do not know the price. Little Brown & Co., Boston, are the publishers.

N. B., of N. Y .- A sheet iron pipe fifteen inches in diameter, should answer for your boiler of 16-horse power, in burning saw.dust and chips. We have known this size to answer well for a 20-horse power boiler; it was 35 feet hish.

A. F. M., of Pa.-We fail to discover any patentable eature in your rake. Similar braces may be found in rates new on sale at the agricultural implement wareouses in this city. We are confident that you canno obizin a patent.

J. E. D. of Ala.-We cannot give you a positive opin ion respectingthe durable qualities of Ross' conical mill for grinding wheat.

C. D., of Phila,-If continuous cotton warps have neve been made before, and a person constructs a machine to make them, he can obtain a patent both for the machine and the warp-the latter as a new article of manufacture E. A., of Ill .- Common force pumps, like those of fire-engines, are the strongest and most simple to be used in cases of fire, for factories driven by water or steam power.

John Wagstaff, of Mercer, Pa., wishes to purchase th best spoke-turning machine in use Who will supply We have similar inquiries very often for spoke turning lathes, and would recommend some manufac turer to advertise h s wares in our columns for a week o

wo. R. L., of Wis.—An invention which has been in public use, with the consent of the inventor. for more the two

yeers, is public property\_not otherwise. O. H. W., of Tenn.-The metal of bomb-shells we have been informed, is generally thicker on one side than another; but they can. we believe, be cast of equal thic 'mess throughout. There is, we think, always an in crease of thickness around the orifice termed a "rein force.

D. A. M. of Pa.-Dr. Gesner. of Brooklyn, N. Y., ha obtained three patents for manufacturing oil from min-eral hydro-carbons. Caira & Bro., of Cloverport, Ky. manufacture coal oil. We are not acquainfed with the address of Mr. Young (Scotland) who first obtained a

patent for manufacturing oil from coal. J. H., of Ill.—The endless apron or revolving platform on reaping machines is public property. It is not claimed by Mr. Watson.

G. K. & E., of Ill.-We are not acquainted with Mr Maingay's process for purifying the water of coal pits. C. A. H. of Pa.—A varnish composed principalty of hot boiled linseed oil and a little heated gum copal is the most durable for outside walnut doors, but it takes a

long time to dry. P. M., of C. W .- Take your pearls to a jeweler; h can tell their value-we cannot.

L. E. W. S., of Ky .- J. Bozardus, this city, manufac tures mills for grinding bones. Address him as to their cost.

J. W. of Pa. and J. W. of N. Y.-Independent of their age the Cremons, violins are superior to all others Violir makers use only old, well-seasoned wood for such instrument

J. P. L., of Va.-Smoothing irons heated by gas, by means of a flexible tube, as you propose, are in common

I.T. of N. Y .- The common reel of reapers is notcor ered by patent.

Money received at the Scientific American Offic on account of Patent Office business for the week ending Saturday, June 6, 1857 :---

N. A. L., of N. Y., \$57; S. & Y., of Ill, \$25; D. & M. of Ill., \$30; E. H. DeW., of O., \$35; H. & G., of Mich.. of ill., \$50; E. H. DeW., of U., \$30; H. & G., of Mich., \$25; S. L., of N. Y., \$30; A. Van D., of N. Y., \$25; T. B. E., of S. C., \$30; G. S., of L. I., \$30; J. H. of N. Y., \$30; M. J. F., of N. Y., \$50; J. & S., of N. Y., \$30; P. N. W., of O., \$25; W. H. W., of N. J., \$16; A. R. K., of N. Y., \$30; H. B., of Pa., \$25; A. C., of Ill., \$25; E. T. L., of N. Y., \$36; J. L., of Pa., \$30; J. W. F., of Conn., 22; L. & B., of Mass., \$20; E. K. C., of Mass., \$20; A. R., of N. Y., \$30; S. S. C., of N. H., \$250; S. D. H., of N. H., \$25; R. G. Jr., of Mass., \$25; G. B. M., of Ala. 

the following initials have been forwarded to the Patent Office during the week ending Saturday, June 6, 1857: Y., of Ill.; L. S. C., of N. Y.; A. Van D., of N. Y.; H. &

G., of Mich.; E. T. L., of N. Y.; W. H. W., of N. J.; P. N. W., of O.; R. S. J., of Conn.; J. W., of O.; A. C., of Ill.; H. B., of Pa.; N. A. L., of N. Y.; S. D. H., of N. H.; R. G. Jr., of Mass.; G. B. M., of Ala.; R. L., of S. C.; S. G., of N. Y.; C. T. W., of O.; W. & M., of Conn.; D D. B., of N. Y.; G. H. W. of Wis.

## IMPORTANT TO INVENT-ORS.

The rapid growth of our Patent Agency Business during the past three years, has required a great addi-tion to our ordinary facilities for its performance, and we are now able to announce the completion of a system which cannot fail to arrest the attention of all who have business of this kind to transact. OUR PRINCIPAL OFFICE

OUR PRINCIPAL OFFICE will be, as usual, at No. 123 Fulton street, New York There is no other city in the Union so easy of access from every guarter as this, consequently there are greater advantages in regard to the transmission of mo-dels, funds, &c., through the various channels that center in New York. Two of the partners of our firm reside here, and during the hours of business are always at hand to counsel and advise with inventors. They are assisted by a corps or skillful Examiners, who have had many years of active experience in the preparation of cases for the Patent Agency Department complete in every respect, we have established a EBANOU OFFICE IN THE CUTY OF WARDANCE

To be der och a tehn tagen og begritt ment complete in every respect, we have established a BRANCH OFFICE IN THE CITY OF WABEINGTON, on the corner of F and Seventh streets, opposite the United States Fatent Office. This office is under the general care of one of the firm, assisted by ex-perienced Examiners. The Branch Office is in daily communication with the Frincipal Office in New York, and personal attention will be given at the Patent Office to all such cases as may require it. inventors and others who may visit Washington having business at the Patent Office are cordially invited to call at our office. A SPECIAL REQUEST. Our facilities for the speedy pregaration of cases pre-vious to the application for the patent being much more extensive in New York than at Washington, we espe-cially require that all letters, models and remittances should be made to our address here. EXAMINATION OF INVENTIONS.

charly requires that all fetters, models and remittances should be made to our address here. EXAMINATION OF INVENTIONS. We have been accustomed from the commencement of our business-twelve years since-to examine sketches and descriptions, and give advice in regard to the novelty of new inventions, usitionit charge. We also firmish a printed circular of information to all who may wish it, giving Instructions as to the proper method which should be adonted in making applications. This practice we shall still continue, and it is our purpose at all times to give such advice freely and candidly to all who apply to us. In no case usual wave confidence in his success bayfore the Patent Office. Our extensive experience in mechanical and chemical improvements enables us to decide adversely to nearly one half of the cases presented to us for our opinion, be-tore any expense has occurred in the proparation of the case for a patent. Whon doubt exists in regard to the novelty of an in-vection. we advise in such Cases a

case for a patent. When doubt exists in regard to the novelty of an in-vention. We advise in such cases a PRELIMNARY EXAMINATION to be made at the Patent Office. We are prepored to conduct such examinations at the Patent Office through our "Branch Agener," upon being furnished with a sketch and discription of the improvement. Our fee for this service will be 55. Aftersumficient experience under this system, we con-fidently recommend it as as afe precautionary step in all cases before application is made for a patent-net that there will be no rejections under the system. It is im-possible to avoid such ress under the system is in the examination of cases: but ne vertheless, many applicants will be saved the expense of the paperation by adopting this course. Applicants who expect answers by mail must eaclose stamps to pay return postage. THE COSTS ATTENDING AN APPLICATION for a Patent through our Agenery are very moderate, and great care is exelcised in their preparation. No cases are lost for want of care on our part in drawing up the papeers, and if the claims are rejected, we enter upon a speedy examination of the resions assigned by the Com-missioner of Patents for the refusal, and make a report to our chiests as to the prospect of success by further prosecution. A circular containing fuller information respecting the methed of applying for Patent; can be had gratis at either of our offices. REJECTED APPLICATIONS.

REJECTED APPLICATIONS.

REJECTED APPLICATIONS. We are prepared to undertake the investigation and prosecution of rejected cases, on reasonable terms. The close proximity of our Wa hington Agency to the Priemi office afferds us ray exportunities for the examination and comparison of references, modeus, drawings docu-ments, &c. Our toccess in the presecution of rejected cases his been very great. The principal puriod of our charge is generally left dependent spon the final result. All persons having rejected cases which very define to have prosecuted are invited to correspond with us on the student, fiving a brief allow of their case, enclosing the official leiters, &c. FOLSIGN PAYENTS. We are very extensively massed in the preparation

FOLISIGN PATEN 18. We are very skiensively engaged in the preparation and securing of Falenk is the veriou: Buropean coun-tries. Por the transcillon of it is business we have offices as No., 60 than every Lance, hondon; 29 Doclevard Saint Marchin, Parks, and 3 Mue therrivenne. Brussels. We Unit we may rakey say that three-borths of all the European learch te is the due burgen are pro-cumed involution. think we has the provide structure of the second struc

W SNTED-A few good work men. o's at ar ar an io work on naw machine y. Men wis cen d work well stal apid; wis be paid sooi wages, asd in scate or more adaress or apy so J. K. SANBONS: Sandy Hui Washington cs. W.Y.

WANTER-O:a Stes. a Boilers, 56 in 43 inches di ameter, ten in number, or in sil, 20 seet in isn'th Apply to E. WHITNEY, New Haven Conn. 40°6

ALUABLE WATER PRIVIL CE FOR SACE — Breed's Mills, in the start of the form Each miles from Bosical abut one mile from two renow of the Each in Barkad, on a netter fair (of see p. , dis-charging on an electric wight twere rectan charasar, ix need to affect the wight twere rectan charasar, transed to firy of the sead and the may be in-created to firy of the sead and the may be in-created to firy of the sead and the may be in-created to firy of the sead and the may be in-created to firy of the sead and the may be in-transed to firy of the sead and the may be in-for \$3,000. Argory to GEORSE HOOD, 33 Killy pares, Bosion. 40 1\*

PECK'S PATENT DROP PRESS-The best ma-chine in use for stamping jewelry, ornamente, tin-ware, swedging iron, &c. A supply of a li sizes or hand and made to order by the patentee, MILC PECK, K sw Hoven, Conn. State rights for sale. 40 4\* WATER POWER TO RENT-On the Hudson Biver, thirty-six failes from Y-On the Hudson

Biver, thirty-six fulles from New York, w: ha room 30120, also attic and basement, with wing one story E.r., 20120. The water where is 22 feet in dismoser. 10 leet bucket, overshot, with soundance of wruer. Inquire of EDW ARD PATSON, 52 Beekmans., N. V. 40 24

b. U., 530; H. G., of L. I., \$30; L. W., of L. I., \$40; W.
b. J., of N. Y., \$100; D. D. B., of N. Y., \$55; G. H. W., of
b. J., of N. J., \$30; L. S. C., of N. Y., \$25;
c. S. J., of Conn., \$25; J. W., of O., \$25; R. L., of S. C., \$25, J. W., of N. J., \$30.
Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, June 6, 1857;
W. E. Jr., of III.; D. P., of Ais. T. B., of N. Y.; H. & Y. at II.; L. S. C., of N. Y.; A. Van D., of N. Y.; H. & Y.

A MERICAN FIRE ALARM TELEGRAPH-Under patents to Channing & Farmer of May 4, 1852 and May 19, 1857. Contractors wishing to erect a Signal System, an Alarm System, or both combined, in any northern city, except California cities, Boston and Philadelphia, or in New Orleans, will piease address WM. F. CHANNING, Boston. 40 3\*

VOICE FROM CANADA-For \$1 in gold I will send a racine for making all kinds of ink sealing-A wax, and waters; the black ink will cost siz cents a gal lor. Address JOHN W. VENN, Galt, C. W. 40 2\*

**PROTECTION AGAINST FIRE** may be secured by using the Fountain Pump. one of which should by using the Fountain Pump, one of which should be in every house in the country. Circulars giving foil description sent by mail to all who apply. E. AYER Norwich, Conn. 40 2\*

A PUPIL WANTED in an Architect's Office.-Terms favorable. Apply to H. ENGELBERT, architect. 321 Broadway, N. Y.

A WALLET safe against pickpockets or loss sent for \$1. DICKINSON & BATE, Hudson, Mich. 404\* THE SUBMARINE ARMOR recently used to is top holes and ascertain position of steamer Union, is for rate or reat. Apply to GEO. C. HOWARD, 18th, below Market st., Philadelphia. 39 2\*

NEW PATENT for a great improvement for Dress-ing Sewing Thread. Warp, or Yarn for saie. Ad-dress J. D. MINDER, Killagiy, Conn., or J. H. Wil-ZUS, No. 2 Cortiand st., New York City. 39 2\*

A. ORCUTT'S. Foundry Furnishing Mill, Al-bany, N. Y. Foundry Facings and foundry ma-terials of every description. Charcoal \$252 per barrel, sea coal per bol. \$175, soapstone per bbl. \$150. Alco Rectifying Coal, and Russel's Patent Roofing Materia's. 39 4\*eow

**IMPROVED MACHINE** for Cleaning and Polishing Table Cutlery, (illustrated in Scientific American, Sune 6, 1857). This is, beyond doubt, the best Knife Cleaner ever invented; meets with great favor wherever introduced, and is destined to have an extensive sale. The price is only 51:50; a liberal discount to the trade. The Bectric Polishing Pawder sold with the machine, produces a beautiful silver poish, and is also admirably adapted for cleaning brass, tin, 2inc, paint, class, &c. All orders snould be addressed to JAS. WillLCOX Manu-facturers' Depot, No. 715 Chestnutst., Phitadelphia, Pa. 38 4\*

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**10000** YOUNG MEN can make over 100 per cent, sure profits. Apply (enclosing one stamp) to M. J. COOK, Detroit, Mich. 39 2\*

SHAFTING ON HAND and made to order by WM YOUNG, Proctical Millwright and Machinist, No 15 Vandewater st., N. Y. 38 4\*

THUSTEES' SALE—"ne remaining tools be onging to the estate of John Parshley will baso'd at re-duced prices, consisting in part of one 12, one 10, one 9, and sour 8 it. planers: turee 8 ft. three 7, and one 6 ft. lathe three hand lathes, one drill press, one gear cutter, patterns belting, and sundry small tools generally used in a machine shop. Terms cash. N. D. SPERtity, Trustee, New Haven, Conn. 38 4

STEAM ENGINES, Circular Saw Mills, and other Machinery.—Improved engines and boilers. circu-lar saw mills with cast steel mandrels and lever sei. with sirons iroo thead blocks—one sawyer cut. 1000 feet inch pine per hour. Sash and Muley saw mills. with rotary ieed. Shingle saw mills, self.setting and self.stopping. Siding Mills for making feather-edged siding, Shingle Cutters, Stave Cuuters, Stave Jointers for flour barreis, operated sy the foot with great rapidity. Hedstead and Chair making machinery, Broom handle lathes. Wood-turning lathes, Pict et Fence machinery, Broat and other machinery, for mills of all kinds, made on short notice. Coutrers for building mills taken, and critculars with cutsers for building mills taken, and critculars with Cuissent with further information by addressing L. A SPALDING, Lockport, Niagara co., N. Y. 384\*

DEAD ALL YE THAT ARE FOYD OF FISH. ing-1 will send for \$1 a secret art of catching fish in any water as fast as you can pull them out. This is no numbug. Address N R. GARLNER, Peace Dale, R. I 37 4°

W ASHING MACHINE-County and State rights for sale. A few experienced agents wanted. Ap-ply to the inventor, JUSIAH MAYES, Cohoes, N. Y. 574.

St 4\* **51**4

COMMERCIAL AGENTS, able and honest mer from New England or New York. A. W. HARRI SON, Philadelphia, Pa. 35 13\*

TAGERSOLL'S IMPROVED HAY PRESS-The best portable Band 20wer Press in use for the pur-poses of Baleine Hay, Straw Broom Corn, Husks, Hair, Hides, Moss, Heimp, Agas, Wool Cotton, Sc. Prices from 50 to \$200. Also an improved press for ornamental com-position work. Price 50° and \$85. Also Ingersol's Pat-entTree Saw, for sewing down trees. This is a period by portable machine, and has been bhoroughly tested dur-ing the past winter. Price \$76. All orders filled promot-ly. Also State and Courity rights for sale. Circurars containing full information sent on application to the FARMER'S & MECHANIC'S MANUFACTURING CO. Green Point, Kings co., L. 37 2\*eow

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**DORTABLE STEAM ENGINES.**—S. C. HILLS No. 12 Platt st., N. Y., offers for sale these Engines, with Boilers, Pumps, Heaters, etc., all complete, and very compact, from 2 to 10 horse power. suitable for print ers, carpenters, farmers, planters, &c. A 2 1-2 horsecab be seen in store, it occupies a space 5 by 3 feet, weigh 1500 lbs., price \$240; other sizes in proportion. 28 e3w

THE COMBINATION PATENT PORTABLE Steam Saw Mill.—This mill is fast coming into us e in every section of this country, Canada, Cuba, and South America. It has received the endorsement of several thousand experienced lumber manufacturers, and is pronounced by all who have examined its opera-tion, to be the most simple, efficient, and practical ma-chine ior the purpose ever produced. Of the large num-ber of these mills now in operation we dely any person to coint to a single one of them that has failed to give per-fect satisfaction. The entire cost of the mill, with a first rate steam engine and boiler of about 15 horse 1 ower, the whole establishment complete and in perfect running order, delivered ready for shipment in this city, is \$1.650. Portable Engines, Grist Mille, Shingle Machines, & Send for pamphlet. J. M EMERSON & CO., No. I Spruce 3t., New York, BRAGG, BURROWS & CO., St. Louis, Mo.

**Boths**, no. **BR. D. BREED**, late Assi tant and acting Chief Ex-art Washington, D. C., a chemical laboratory for experi-ment and analysis, in order to test and improve processes of manufacture. and mechanical devices employed in the chemical ats, and to procure and defend patent rights. After many years devoted to chemistry (having studied in the German laboratories) Dr. Breed feels confident in offering his services as a practical chemist to inventors and others interested in the chemical arts and manufac-tures. 38 5\*

**DUMPS**-BURNAP'S Patent Excelsior Pumps are acknowledged to be the best and most durableforce pemp in use, and are fast taking the place of all others for steamers, factories, breweries, &c. See engraving in No. 34, this Vol. Scientific American. Address BUR-NAP & BRISTOL, Albany, N. Y. 34 13\*

WAT a ballstol, Albany, N. 1. 34 154 Woodworth's partext PLANING MA-ines of every kind and all prices. A large as-sortment on head ; and I am prepared to construct any machine to order from ten days to two weeks, and guar antee each machine to be perfect in its construction, and give purchasers entire satisfaction. The patent has ex-pired and wil not be renewed. I make this business ex-clusive, manufacturing nothing but the Woodworth Ma-chines, and for that reason can make a better article for less money; and with my fifteen years' experience I ful-ly guarantee each machine to come up to what I am willing to recommend, that is, that each machine shall be more than equal to any other manufactured for the same price. JOHN IL LESTER, 57 Pearl st., Brook-lyn, N. Y., three blocks above Fulton Ferry. 35 tf

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BRECKENRIDGE COAL OILS-The Brecken-tidge to, are now prepared to supply these oils for hubricating and burning purposes, in quantities to suit. Attention of consumers is requested. F. F. THOMPSON, Agent, 98 Greenwich st., N. Y.

DOILER FLUES—All sizes, and any length desired, promptly furnished, by JAMES O. MORSE & CO., No.79 John street, New York. 28 13

sold at wholesale, by JAMES O. MORSE & CO., No. 79 John street, NewYork. 28 13

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Rooms with power, for the exhibition of machinery, can be had in the Depot Duildings, corner of Elm and Franklinsts. The location is extremely desirable for its Apply to T. BENNETT, on the premises. 34 tf

CEORGE S. LINCOLN & CO., Hariford. Conn. Manufacturers of Machinists' Tools. An assortiment of new and second hand machinery constantly on haud. S0 tf

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OMETHING USEFUL for Machinists and opera-tives of Machinery-Simmens' Decimal i bar. for finding the size of wheels and wulleys for any required number of revolutions per minus-a great saving of timo and lengthy calculations. Sent free saving of timo MON'S, 255 west 27th st., New York. 384

BOILER INCRUSTATIONS PREVENTED-A simple and cheap condenser manufactured by Wm. Burdon. 102 Frontst., Brooklyn. will take every par-ticles of lime or salt out of the water, rendering it as pure as Croton, before entering the boiler. Persons in want of such machines will please state what the bore and stroke of the engines are and whet wind of water is to be used 27 tf

Chanicaland general Draughtsmen on wood, stone, &c

AP-WELDED IRON BOILER TUBES .- Pross-er's Patent -- Every article necessary to drill the er's Patent-Every article necessary 10 drill t lates, and set the tubes in the best manner. THOS. PROSSER & SON, 25 Platt st., N. Y 18 tf

50 STEAM ENGINES-From 3 to 40-horse power class engines, and will be sold cheap for each WM BURDUN, 102 Front st., Brooklyn. 21 th

GOLD QUARTZ MILLS of the most improved construction; will crush more quartz and do it fine than any machine now in use, and costs much less. W M BURDON. 102 Front st., Brooklyn. 27 if

BURDEN. 102 Front st. Brookiyn. 27 if OIL ! OIL ! OIL !-For railroads, steamers, and for Omachinery and burning-Peace's Improved Machine-ry and Burning Oil will save fifty per cent. and will not gum. Thisoil possesses qualities vitally essential for lubri-cating and burning, and found in no other oil. It is of fered to the public upon the mostreliable, thorough, and practical test. Our mostskillfullengineers and machinists pronounce it superior and cheaper than any other, and the only oil that is in all cases reliable and will not gum. The Scientific American, after several tests. pronounced it "superior to any other they have ever used for machin-ery." For sale only by the inventer and manufacturer. P. S. PEASE, 61 Main st., Buffalo, N. Y. N. B.-Reliable orders filled for any part of the United States and Europe. 40 tf

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