
$P$ Reported exprealy for the Scientio Ame IF Reported expresaly for the Scientifio Ameri－ find it for their interest to have their inventions lustrated in the Scientific American，as it has by fa a larger circulation than any other journal of its cla in America，and is the only source to which the pub licare accustomed to refer for the latest improve－ ments．No charge is made except for the executio of the engravings，which belong to the patentee af er publication

LIST OF PATENT CLAIMS
Issued from the United States Patent Office． for the week ending december 17， 1850. To Orlando Child，of Granville，Ill．，for is
I claim，first，the two springs carrying t two journal boxes，attached and arranged in the manner substantially as herein described， for the purpose of girding thesaw，but at the same time allowing a sufficient degree of end play to the spindle，to admit of its accommo－ dating itself to the lateral springing of the log．
Secondly，arranging the saw and its spindle on the swinging frame，which is adjustable，so as to bring the saw in any required position in a line forming part of a circle round the axis of the saw，and adjusting the said saw，either in a line with，or to the right or left of the saw，by means of the slot in the spring，through which the bolt passes，in the manner herein described，or in any manner substantially the same．
To Joseph Conant \＆Lucius Dimock，of Northam on，Mass．，for improvements in machineryfor doub ling and twisting silk，\＆ 0 ．
We claim so constru
ll the threr bar th all the threads or silk，either before or after being twisted，may be secured by the catches， simultaneously，by simply bringing the bar with its catches，down upon the threads，and whilst in that position causing all the helica springs to act on the catches at the same time， by suddenly disengaging the slide lock plate from the end of the bar，the mortises on the said plate being so formed as to allow each catch to be opened separately，without the aid of the lock plate；or all to be opened simul－ taneously by moving said lock plate longitudi－ nally，in the manner herein fully set forth．
To Florimond Datichiey，of New York，N．Y．，r
I claim the gasometer connected with the receiver，as described，for the purpose of keep－ ing the gases separated from the fecal matter， and preventing their mixture，as set forth，and serving also as it reservoir for the compressed gases，from which the power for expelling the contents of the receiver is obtained．
To Edward \＆Charles Everett，JI．，of Washing The joint on which the fore
The joint on which the fore carriage turns， when placed in rear of the fore axle，in com－ bination with the segment on which the end of the perch rests，substantially as described， for the purpose of allowing the carriage to be turned in a small space，without having the fore wheels to run under the body or interfer－ ing with the hind wheels．
To Joseph F．Flanders，of Newburyport，Mass．， for improvement
ing sheet metal．
I clain the improvement in the bending me－ chanism，the same consisting in the combina－ tion of the conic or approximately conic roller or projection，with the cylindric part or roller， and with the citcular disc or roller，in the man－ ner as above described，and so as when pressed against the tin to gradually bend it over and down upon the disc or holder，so as to enable the roller to pass over and upon the tin，and complete the bending of it down upon the periphery of the holder
I also cl im the improvement in the con struction 0. the gauge，whereby it is adanted to operate when the tin plate is rotated in a vertical plane，such improvement consisting in arranging its supporting journalat an inclina
weighted arm，or its mechanical equivalent，$t$ the gauge，so that the gravitating power of the weighted arm shall restore the gauge to its original and proper position the pressure ers，after it has been freed from the pressure
of the surplus tin，or part removed by the cutters．
To Joseph W．Fawkes，of Bart Township，Pa．，fo I
I claim the peculiar construction of the ad justable shovela to clear the mouth of any ob－ struction．
I also claim the mode and manner of sow－ ing the grain through slote，as herein described． To S．H．Gilman，of Cincinnati，Ohio，for improved Expausion Gear for Horizontal Engines．
I claim withdrawing the sliding tongue of the supply valves of steam cylinders，so as to trip the valves at any desired point，by an ad－ justable prong，which is made to slide upon the arm holding the usual fixed prong，by the action of a tappet on the rock shaft，when this adjustment is effected by means of the shackle and link within the steam－chest，and the whole being arranged and operating substan－ tially as herein described．
To Lucien E．Hicks，of Berlin，Conn．，（assignor to Wm．A．Churchill \＆James Stanberg，）for machine I claim the slid
． its two dies and aperture，in combination with the feeding tube，punches and clearers，the whole being constructed，arranged and opera－ ted substantially in the manner and for the purpose herein set forth．
To Joel Houghton，of Ogden，N．Y．，for mprove－ ents in Grain Cradle Fingers．
I claim the insertion of a metallic plate in to the edge of a cradle finger by means of riv ets or other fastenings so as to keep the plate and finger permanently attached together and in their place，and thereby effectually prevent the finger from straightening or springing back when used in damp grain，prevent the grain from wearing it away，and prevent the grain from sliding endwise off the cradle，be－ fore the cradle gets it round into its own swath．
To．Wm．Lazelle，of Hartford，Conn．，for improve Sash Fastener．
I claim the combination of the cam with the plate，when these are combined with the shaft and lip，for turning back the cam when necessary，and locking it to fasten down the ranged，and combined，substantially as herein ranged，a
To R．F．Loper \＆J．W．Nystrom，of Philadelphia Wa．，for imp We claim the arrangement herein set forth of the beams，connecting rods，and crank，of
the two cylinders of a double cylinder engine． To Edward Rees，of Cincinnati，Ohio，for impro ved composition for making cores for casting．
I claim therein the use of white of egg as a component in the preparation of loam for cores and other similar things intended for contact with molten metal，in the manne herein described，limiting myself to that use of white of egg，but not limiting myself to the precise proportions，mentioned，while the same result is obtained by the said addition to the ingredients ordinarily used in loam for cores To John Rogers，of Jackson，Mich．，for improve ment in Mills for Grinding．
I claim hanging the bed stone，（when the shaft or spindle to which the runner is attach ed passes through the same）by means of the before－described universal joint，in combina tion with the lever and screw，as aforesaid．
To David E．Rohr，of Clarlestown，Va．，
I claim oscillating Seeding Cylinder
I claim oscillating the seeding cylinder up on its axis，for the supply and discharge of the seed，as described，by means of the combina tion of the lever，the spring，and pins，with the propelling wheel，as described．
To Charles Scales，of Bath，Me．，for improved in
strument for laying down curves of
I claim the adjustable mould constructed substantially as herein set forth so that it can be set to the ontside and inside curves of the timbers of a vessel and can then be used $t$ mark them upon the wood of which they ar to be formed．
To W．C．Stone，of Boston，Mass．，for improve ment in artificial legs．
from the heel up to the knee joint in the arti－
ficial leg，which action prevents the knee joint ficial leg，which action prevents the knee joint act of stepping asing，or revolving out in the that purpose the aforesaid springs，rod，lever， and pins，or any other，substantially the same and which will produce the intended effect． To Robert Thompson，of Lowell，Mass．，for im I claim the protect
I claim the protector，as made and applied to the lamp，and so as not only to be capable of exploding or inflaming the gas brought into contact with it，substantially as specified，but of protecting fibrous matters which may com in contact with the protector，from direct ex posure to the flame．
To Eleazer Bless，of Minerva，Ky．，for improve
I claim
I claim the supporting and regulating the motion of the sieves by means of the rollers or their equivalents，and the spiral springs，so arranged as to press the shoe，or sieve frame， down upon the rollers，steadying its motion， and to a certain extent preventing any jar at the end of each vibration，substantially in the manner and for the purpose as herein set forth．

## For the Scientific America， Patent Office Reform．

I was much interested in the perusal of the strictures of＂Junius Redivivus，＂in the Sci－ entific American，on the Commissioner＇s Re－ port，and only regret one thing，which is，that there was too little of it，and rather scatter

The Examiner mainly alluded to in those articles，has，for several years，excited the at plainly und fears of inventors，－1 like to be gerald．This man has been in the office long time，and he appears to have failed sig－ nally in obtaining the countenance of inven tors－the patrons of the Office．However well informed he may be in many parts of the rou－ tine of his business，he evidently does not pos－ sess that first of all important qualifications， －a knowledge of his proper relation to us，as inventors．When such expressions as the fol－ lowing issue from a man，we are sometime led to inquire into the matter，and see whose
province it is to be thus peremptory：－＂The number of applications passed at $m y$ desk，fo patents，＂\＆c．，and＂rejections at my desk，＂ also，＂applications finally rejected at my desk，＂ ＂ordered（？）to issue，＂\＆c．Who is it tha speaks thus authoritatively；the Commission－ er？No：why，it is only the＂examining clerk，＂Mr．Fitzgerald．I know of no authori $y$ to issue patents besides the Commissioner Let me tell Mr．F．one fact that he forgot ma ny years ago，一the Commissioner has the righ to reject what he，Mr．F．＂orders to a patent．＂ The province of an examiner is precisely simi－ lar to that of a clerk in a mercantile house，to whom the head of the establishment would re－ fer a bill for examination when presented a the counter for payment ；if the clerk＂or dered＂the hill paid，after his examination o it，I think the merchant would be apt to in－ quire who this would－be co－equal was？Mr F．evidently possesses no feeling in common with inventors，hence he never can be a man cceptable to them．Dr．Page，formerly，had bad name for want of liberality and sym pathy，but a change has evidently been
wrought in him，and why？Simply because he has become an inventor himself，and $h$ now knows what it is to be hung between hope and fear（the inventor＇s greatest fear is of th Patent Office．）We welcome him into our ranks，－he，like Paul，has been a great sinner －but，like Paul，we hope he will become dis tinguished for his conversion to right．Ihav been told，and I have reason to believe it to be true，that Examiner Fitzgerald has rejected cases in which the inventors thought theysaw unfairness；appeals were taken，and Ex．Fitzger ald appeared as a pettifogger in the presence o Juge Cranch against the inventona lieve that Mr．Ewbank was ignorant of the fact．Giveme a vacillating，simple headed enthusiast，in fact，anybody，to reason with， in preference to a dogmatic examiner．No man is degraded by changing his opinion from wrong to right；indeed I love a man for the
man is bound to change his mind whenever $h$ finds just cause for it＂－are sayings of wis dom，ill understood by Examiner F．；hence my reason for saying I have no hope of him． At this time I know persons that have in entions which are valuable，and are necded for daily use，yet they will not trust their ca es to the office，from thef actthat their inven tions are in one of Fitzgerald＇s classes．
As an inventor，I do not pretend to disguise the fact that I want to see Mr．Fitzgerald dis－ missed from the office，and a practical man－s man of known feeling and community of in－ erest with us，appointed in his place．I can feel for Mr．Ewbank；I know his duties ar evere and harrassing；still I know that a larg portion of the care and unpleasantness expe renced by him in the office，and the censures hat have been applied to him outside，are aused by the action of such men in the office I have alluded to．
I have something to say in regard to the proper duties and relations of Examiners，and lso the province of the Commissioners，which I may communicate in future papers．

Daclede．
oisonous Effects from New Earthenware．
A somewhat singular though not unac－ countable occurrence took place in the family of a gentleman in one of our neighboring owns，a short time since．It appears ther was a large number of the gentleman＇s family and connections to partake of a Thanksgiving dinner，numbering in all twenty－three persons． The usual variety served on such occasions overed the banquet board，and the party par took of it with the proper relish．Twenty o the party remained over night and took breal ast with their host the ensuing morning．A large chicken pie，which had not been touched he day before，was served out to them at this time．In a few hours after，seventeen of them were violently attacked with severe griping pains in the bowels，accompanied with profus iarrhœa．It appeared，from investigation， hat only those who ate of the pie were the nes who suffered．The lady of the house having made it herself，and partaken freely of it，suffering alike with the rest，of course emoved all suspicion of intentional poisoning． The query now is，what was there in this pie， rabout it，that should produce these effects？ The pie was baked in a yellow earthen dish， hat had never been used before；and the onclusion necessarily is，that its contents be－ came impregnated with portions of the enamel with which it was lined，and hence the conse－ quences．Now，the enamel used by potters aries in composition，according to the purpo－ es for which the ware is intended．They all， we believe，contain more or less lead，cobalt， sc．Often the biscuit，as it is called，is made f clay which contains poisonous matter in various proportions，and if，after the baking， he vessels are imperfectly glazed or protected， bad consequences may arise from using then． All such ware，to be used in cooking when new，should first be proved，and this is best done by having it greased over with lard or tallow，and then subjected to the heat of an ven．This will generally be found a sure pro－ ection．This one instance should nerve as warning to families，and is not without interest to the physician．Had the occurrence aken place during the prevalence of the chole－ a，the sickness might have been taken for it， and with very good reason，its symptoms and character simulating that disease．We are pleased to state that the parties entirely re－ covered，the majority of them only suffering five or six hours．
（The above is from the Boston Medical and Surgical Journal．The poison of the earthen－ ware spoken of，was no doubt in the glaze， the common coarse kind being mostly compo－ ed of lead．The advice about trying the ware，before it is used for cooking，is prudent， and should，in every case，be complied with． Some apples contain 78 per cent．of water， －this is the reason why some give out nearly as much cider as the apples，bulk for bulk．－ Apples contain uo starch，but a great deal of nitrogen，therefore they are good for producing

TO CORRESPONDENTS.
"A. M. O., of Wisconsin."-Such bits as you want could be had on application to $T$ Wood, corner of Chatham and Duane sts. The price can be had on application to him Your method of operating them may answer good purpose. It is not new.
"A. E. F., of Conn."-To speak plainly and to the point, we must candidly state that the device you offer as an improvement on the steam engine-is of no value whatever. Experiments made years ago prove the correct ness of our views. Go no further, for disappointment will surely follow. You have been misinformed in regard to Patent Laws. Patents are granted for 14 years only, not 28. - Inventors are required to make oath
"W. H. S., of N. Y."-You are correct, fo proof see page 230, Vol. 5, Scientific American. Dr. Fitch's claim is there published
"P.O., of Conn."-It is all nonsense, and we advise you to pay no attention to such statements. You can obtain a patent unless your invention has been in use for more than two years.
H. J. B. C., of N. C."-Agricultura plaster is worth $\$ 1,50$ per barrel, each containing about 300 lbs ., we should think. Patagonia Guano is worth here $\$ 2,50$ per hundred, a good article.
T. K., of Pa."-Not having such information as you desired, we addressed Messrs. Wheeler, Melic \& Co., Albany, requesting them to furnish it. $\$ 7$ received.
"G. H. R., of III."-We have reconsidered your case, and we are of the opinion that in Haines \& Esterley's patents, the principle of elevating is essentially the same as yours. If you oltained a patent at all, the claim would be very limited and we advise you not to apply. The difterence between yours and the could not be regarded as an invention. We feel assured that you would have difficulty in getting the patent through. $\$ 6$ received and credited to each subscriber.
"L. B. G., of Pa."-You are at liberty to consult us in regard to the novelty of your improvements. We will give you an opinion without charge. $\$ 1$ received.
"A. J. R., of N. Y."-We do not thins it possible for you to succeed. We can see neither novelty nor utility in the plan you propose for preventing cars from running off the track. It would not inspire any confidence on the part of those who would be likely to take interest in such inventions.
"E. F. P., of Ohio."-Certainly if the principle is new you can obtain a patent. You had better consult us before going any further.
"s. M., of 0. "-The cost of preparing the papers for an application for a patent, vary
from $\$ 15$ to $\$ 50$ according to the amount of from $\$ 15$ to $\$ 50$ according to drawings.
"Publisher of the 'Chronicle,' of N. Y."Please accept our thanks for your manifested kindness. We have entered Mr. E.'s name as you directed and forwarded the back numbers to the "Chronicle"
"T. R., of N. Y."-Your requests have been attended to. Shall await your arrival here, or further instructions by letter
N. McQ., of Ala."-There is nothing patentable in your pla
W. T. M., of S. C"-We will attend Mr. I.'s business upon receipt of the model.
S. K., of Ind."-We are unable to com prehend the nature of the improvements you suggest. Would it not be better to furnish us with a sketch? We can certainly give you better advice after having examined it, than from the description given. We are of the opinion that the plan is new
"J. F. S., of R. I."-An iron stile will answer the purpose, but we do not know the price. The size depends all on the quantity to be made; one size will work as well as another. We only gave the process, but with respect to the practical of the profit and loss, we could not tell; the process is quite new. "D. L., of III."-We presume the stateJuly 1846, as you infer.

Money received on account of Patent Offic Usiness, since Dec. 17, 1850 :-
J. W., of N. Y., $\$ 30$; J. S. S., of N. Y $\$ 30$; H. D. G., of N. Y., $\$ 20$; U. P., of Conn. $\$ 20$; A. T., of N. Y., $\$ 30$; G. F. D., of Vt. $\$ 60$; N. N. G., of Me., $\$ 30$; H. D. P., Mass., $\$ 25$; C. F. B., of Ga., $\$ 35$; and G. B. W., of La., $\$ 60$.

## Patent Claims.

Persons desiring the claims of any invention which has been patented within fourteen years can obtain a copy by addressing a letter to this office; stating the name of the patentee, and month of the year when convenient), and enclosing one dollar as fee for copying.

Standing Notice to Subscribers.
Henceforth, parties ordering the Scientific American will be supplied with the papercommencing at the time the order is received, unNumbers of the present Volumeare desired We have on hand over 3,000 sets of the Num bers already published, and shall be happy to furnish all new subscribers with complete sets
whenever requested.
The present volume of the Scientific Ameor year book of inventions we have yet pub lished, and every person ordering it should not fail to receive the back numbers, to render his
volume complete. Those complete.
Those desiring Volume 5 of the Scientific American, are informed that we are able to
furnish a few complete volumes, (bound,) at furnish a few complete volumes, (bound, a
$\$ 2,75$ each. Also, we can send by mail set $\$ 2,75$ each. Also, we can send by mail sets
complete, (unbound,) for $\$ 2$. We would also say, that whenever our friends order numbers they have missed-we shall always send them if we have them on hand. We make this
statement to save much time and trouble, to which we are subjected in replying, when the numbers called for cannot be supplied.

## AFFRRPISEMAMPS

Terms of Advertising
One square of 8 lines, 50 cents for each insertion. 12 lines, 75 cts.,
Advertise price.

## Patent Office.    with the utmost economy and despatch. Drawing of all kindsexecuted on the moot reasonable terme Messrs. Munn \& Co. can be consulted at all times in Messrs. Munn \& Co. can be consulted at all times in regard to Patent business, at their offce, and zuoh an- vice Bafeat meang for securing their rights. Arrangements have been made with Mesbrs. Bar Arrangements have been made with Mesbrs. Bar- low, Payne \& Parken, Patent Attornies, in Loondon, for procuring Letters Patent in Great Britain and France, with great facility and dispatch. $\&$. 128 Fultonstreet, New York.

Witer Pow fr for SALE OR Mo
 feet in one-thirr of a mile, and about 150 horse pow-
er, without any cost of damming or danger riom
floods. It is a Gne situation for a series of small manufactories and mechanic employments requiring mo tive power. There are on the premises, consisting of
11 aceres of land, a grist and plater mill, with three healthy, fruitful, and picturesque. Enquire of T.R
LEE, Croton Falls.
$156^{*}$
STRAW CUTTER FOR SALEE-We have on ters, patented Nov. 5, 1850, illu strated in No. 50 , Vol
5, Sci. Am. Price $\$ 10$ Address MUNN \& CO.
UNITED : PATENT OFFICE IN PARIS
AND
LONDON.
INARDISSAL
\& Arthur st., west, city, London; Paris, 29 Boulevard
St. Martin. - Procuration of Paterts for England, St. Martin,-Trocuration of Paterts for England
Ireland, Scotland, France, and all countries; and
transactions of all business relating to patents, (sale


## M ANUFACTURERS, FINDINGS and Leath I large Binding.-The subscriber is prepared to ofie

 harness, shuttles, temples, rockerb, harness, twine varnish, roller cloth, card clothing, card stripperand clamps, calf and sheep roller, leather, lace, and picker string, potato \& wheat starch, oils, \&ce. Leath-
er Banding, of all widths, made in a superior manner
orr ar Banding, or all wid ths, made in a superior manner
rom beat oak tanned leather, rivetted and cemented.
153mint
P.A. LEONARD, 116 Pearl st.

PATENT RIGHTS FOT SALE.-The inven--town, county and State rights will be bold on reasonable terms. Address G. B. MILNER, Houston-
Texas, post-paid.

FOR SALEE-A A Youd second-handSteam Engine (eet diameter, 22 feet long, with one 16 inch flue, re-
fitedin good order.
$134^{*}$

 Wall cut from 1,500 to 2,00 porrect t taver per phour
we manufacture machines of different sizes, for keg
We mater

 N. Y. Waterloo, N. Y.; By.; Mad C. W, Letters di-
rected to us, post-paid, will receive prompt attention.
$\mathbf{1 5 3 m}$.

## I

Parlist.,N. MACHINERY DEPOT, 11 ayd is now prepared. to to larfor a groare, 116 Pearil st.
chinists' Tools, viz., engines and hand lathos, Ma planing and vertical engrilling ma maninnd lathes, cutting en
gines,
 power, Carver Wa ahburnd Co.'s Patent. Steam En
gineand Boilerb, from 5 to 100 horbe power. Mi
Gearing wrought iron shaftingand castingsinade Ginesand Boilers, from 5 to ino horse power.
Gearing wrought ion shaftingand catingsinade to
order. oruer. ard insurance, when requested, of all machine
py ordered through me.
P. A. LEONARD. 15 mm
C Building For CHURCHES, PUBLIC Cer haing made important improverents ine subseri
paratus for oounteracting the influence of the ap paratus for oounteracting the influence of the chan
gea of temperatur upon the pendulum, and in the
retaining power, together with a most precise meth retaining power, together with a most precise metho
of aduasting the pendulum to corroct time are prepa
ond of adjusting the pendulum to correct time, are prepa
red to furnish clocks superior to any made in the
United States, both for accuracy of time-keeping and
Und United States, both for accuracy of time-keeping and
durability. They ppeak with confidence, from hav-
ing tested their performance for several years. All
 "Mr Byrain has established his reputation as one
of the firstclock inakers in the world"- [Scientific
A 3meow*

## $T 10$ IRON FOUNDERS, \&e.-Fine ground

 Itod Foundry Facing, viz.: Sea Coal, Char coal, Lehigh, Soapstone, and Black Lead. Fire C.Hy,Fire Sand, Kaoline, and Fire Brick; ;also IIon snd
Brass Founder's auperior Moulding sian Brass Founder's superior Moulding Sand, in Larrels,
or otherwite, oror sale by G. O. ROBERTSON, New
York. City office, 4 Liberty Place, Liberty Btree

## WVATER-PROOF BLACKING-G.R. Towns-

 ley having received Diplomas rom the veous Fairs, where his celebrated Water-proof Black-
ghas been exhibited, takes this method of inform ing haz been exhibited, takes this method of inform-
ing has
ing the public that he continues the manufacture of it at Springfield, Mass. Each box of blacking con-
tains a suffieint quantity to last one person for six vious to water, gives a good polish, and is a proser
vative to leather. Address G. R. TOWNLLEY
Springfield, Mass.,or H. W. WARREN $\&$ CO ALE

 manufacture as those bo extensively used in Eng
mand, Scotland, France and Germany, for Locomo
tive, Marine and ather Steam Envine Boilers.


A MERICAN CAST-STEEL.-The Adirondac facturing an improved article entirely from hoome ma
terial, as low in price, and warranted equal to an terial, as low in price, and warranted equal to any
imported steul in market. All sizes Stoel, from 1-4.
inch to 4 inches square, and from $1-2$ inch to 12 inch es wide, can be supplied. For sale at the Company
Warehouse, by
QUINCY \& DELAPIERRE
8I John st., N. Y.

TOR SALE-One second-hand steam engine, 10 ges complete. It can be seen running for a few days,
aitter which it will be taken down and a 25 horse engine put in it place; prien \$80w, canh, it it will be ship
ped to the frst order enclosing a draft. Address,
per $142_{*}^{*}$
1 Howard st, New Haven, Conn.
AARON KILborn.

B ARNUM,S PATENT PLANING MAsess equal facilities with any other, for planing coars lumber for flooring, \&c., removes all the objections
urged agailst machine planing for ship and stam
boat building, or fine ceiling, \&e., by fnishing the naterial with the grain, fully, equal to hand planimig
leaving no indentations on the surface of the bosr (as in all machines using pressure roll-ers in planing, by the chips and knots collected passing between the
planed surface and weighted feed rolors, thereby
destroying fine work, designed for painting, \&ce.) a there is no appliance whatever on the planed sur
face Contracts may now be made for their construc face Contracts may now be made for their construc
tion or use, or for the formation of a joint stock com pany or companies, in any part of the U S. So suc
cessfully prozeccule the buiness by applying to DAN-
IEL BARXC'M, Snowden's Wharf, Philadelphia,


DICK'S GREAT POWER PRESS.-The Company, having entered into an arrangement with
the Patenthe for the manufacture or the Bo-called
Dick's Anti-Friction Press, are now prepared to exe-
 Saw Gummers, RailStraightenerb, Copying and Seal-
ing Presses, Boonk and Paper Pressen, Embosing
 Cotton, Hay Tobacco and Cider Presse8; Flax-
Beed, Lard, and Sperm oil Presses ; Stunp Extract
ors, \&cc. \&cc. Tha convenience and ors, \&c. \&c. The convenience and celerity with
which this machine can be operated, is such that on
an average, not more than one-fourth the time will an average, not more than opera-tourth the time win that
be required to do the same work with the same force required by any other machine.
$\begin{gathered}\text { WILf } \\ \text { NoLAM B. LEONARD, Agent, } \\ \text { No. } 66 \text { Beaver Bt., New York City. }\end{gathered}$
$\mathbf{C}_{4}^{\text {COTHON MACHIN }}$ frames, 144 spindles each; dead spindle



GTherimproved naw cimnen







 Thwort hapoterpianer fereatofor adyertioed in

A crard....The und raigned bege leave to







## 





 وt

M. ACHINERY.-S. C. HLLS, No. 12 Plati Streat N.Y.Y doater in ineam Eninine, Boill



B filer tris self center ing Lathe,






IMPORATANT NOTICE TO CONFECTION






The surscriber ie now finish four 14
 Plete.i. also, several power plainers, now finishing.-
Galvanized chain for water elevators, and ail fixtures -prise low-wholesale and retail. Orders, post-paid,
ifl receive prompt attention. AARON KILBRN.
No. 4 Howard st New Hen

ACHINES FOR CUTTING SHINGLES Shingle Machine, under nvecy circumstance where it
as been tried fully nutaviulien its superiority ove ny other machine for the purpose ever yet offered to he public. It received the first premium at the last
Fair of the Amerioan Institute-where its operation Was witnessed by hundreds. A few State rights re-
main unsold. Patented January 8 8h, $1850,-13$ year more to run. Term made easy to the purchaser.
Address, (post-paid) JAMES D JOHNSON, Redding Ridge, Conn., or Wm. Wucl, Westport, Conn.i. A
letters will be prompliy atcended to.

## A MANUFACTURER WANTED.--I wish to ys habits, good moral character, not mnre than 40 yeary of age qualified to mange and superintend  healthy onc, machinery propelled by water, 700 to leoo ppindes; salary liberal. Nothin\& Rhort of the most Batisfactory recommendations will be considered. Address the subscriber, immediately, at McMinn- Wille, Ten. Central Factory, Tenn., Nov. 25LIAM BLACK. 1850.

 WOHKIGNPATENTS.--PATENTS procured ed, by and connected only with this establishment.Pamphlets containing a aynopsia of Foreign Patent
laws,and information can he had gratio onapplicion
JOSEPH P. PIRSSON Civil Engineer,

R AILROADCAR MANUFACTORY..-TRA Passage, Freight and all other descriptions of Rail-
road Cars, as well
 tory in the Union. In quality of material and in
workmanship, beauty and goed taste, as well as
strenth and
shall be and unaurability, we are determined our work
JoHN R. TRACY shall be
5 tf. JOHN R. TRACY,
THOMAS J. FAl.ES.
 $\underset{\substack{\text { Jourai } \\ \text { ing }}}{ }$

