
[This invention consists in the arrangement of two oscillating'levand sultable connecting rods in combination with the waste valve and supply valve of a hydraulic press or other similar machine, and
with a suitable hand lever in such a manner that by one and the same motion of saidhand lever the waste valve is closed when the supply valve is opened, and vice versa, and the [construction of the pressis thereby simplifled and its operation facilitated. The inventio consists also in combining two sets of waste and supply valves with ande levers, in such a manner that two presses can be operated multaneously by the motion of one and the same hand lever, one press being made to discharge, while the other takes water and each press being made to operate without interfering in cersa, and each press being made to operate without
4,830.-Slide Valve for Steam Engines.-D. F. Walker Potosi, Mo.:
 44,831.-Roofs of Churches.-Shepherd S. Woodcock

Somerville, Mass., and George F. Meacham, WaterSomer, Mass.
We claim supporting the roof of a building by means of trusses,
B, steaaied and held in place by wind braces, $\mathrm{b} d$, in the manner
substantially as set forth.
44,832.-Scrubber and Mop.-Wm. S. Bullen (assignor to himself and Wm. O. McIntire), Indianapolis, Ind.:
I claim the
and the same machine, i..e., the mop-head, A, with a deep groove in the under side, and compresser rod, B, operated by thumbescrews,
C, frrmly clamping and holding in place the mop cloth, E, and scrub.
bing rubber D, constituting theres a Cling rubber, D, constituting thereby a combined mop and scrubber
in one machine.
44,833.-Parlor and Cooking Stove.-David B. Cox and John T. Davy (assignors to David B. Oox and Har We claim, Arst, The Thueprpes, G.:
We claim, first, The fueprpes, $G$ Gand $H$ (more or less) passing
through from the tho of the oven to the bottom of the same, in com.
bination with the oven space, J, having fire-chamber and ash space bination with the oven space J, having fire-chamb
directly over the oven, as described and ret forth.
Second, We claim the hook or fulcrum, F, attach
the stove, in compination with the shating grate, $D$, operating in
44,834.-Driving Wheel of Harvesters.-Daniel L. Em erson, Rockford, IIl., assignor to Mary Manney,
Winnebago county, Ill.:
claim a harvester driving wheel constructed with a tubular rim,
substantially as set forth.
In also claim the combination of the tubular rim of the wheel with
the cog teeth of the main driving wheel, in such mannert that said
rim forms the base of said teeth, substantially as set forth
44,835 . - Furnace.-Namuel E. Foster (assignor to him-
self and Henry F. Cogshail, Fitchburg, Mass.:
I claim in the air-heating curnace or fre-drum and the surrounding
air-heating chamber having the fuelthroat arranged within the top
of the air chamber and with respect tot the fuel opening of the top
ot the fire drum, substantiall as specified, and the ash-pit or fire-
of the air chamber and with respect to the fuel opening of the top
ot the fire drum, substantiallyas specifled, and the anh-pit or free
drum provided with an air induction pipe and a valve thereto as
explainen, the described airranget ent of the grate with respect to
the doorway or throat of the ash.pit or chamber.
the doorway or throat of the ash-pit or chamber.
And I Iasoc claim the construction of each grate bar with abottom
projection, f , having a length so much less than the distance between projection,, , having a length so much less than the distance between
the supporting bars as may be necessary to allow of the grate ba being moved longitudinally back and forth on its supports sufficient-
ly for the purpose of causing the ashes to be discharged from the
fire-drum and between the grate bars.
44,836.-Churn.-Moses Neal (assignor to Neal \& Finck), Kalamazoo, Mich. :
I claim the combination of the dashers with the cup-shaped de-
achable beaters, constructed, arranged, and operating substantially
described and represente
(In this churn currents and connter-currents are produced which churning is rapidly effected.]
44,837.-Construction of Monitor Vessels.-Samuel Parr (assignor to himself. James A. Fox, and John A Robertson), Boston, Mass.:
I claim the improved monitor or armored vessel as made with the
combination of the transverse strangthening partitions with the op-
posite layers of wood, the cork and ron arranged together, sulsstantially as specifled.
44,838.-Machine for making Horse Shoes.-Charles H pany), Providence, R. I.: pany), Providence, $R$. I::
1 claim the combination of a series of punches with a die, con-
tructed as herein described, operating substantially as and for the
purposes specifled. purposes specifled.
44,839.-Machine for making Horse Shoes.-Charles H.
Perkins (assignor to the Union Horse Shoe Com-
pany), Providence, R. I.:
I claim the combination of the compound feeding roller and cut-
ter, ${ }^{\prime} \mathrm{C}^{\prime}$, and the friction roller, A, substantially as described for the
purposes specifled.
44,840.-Machine for making Horse Shoes.-Charles H. Perkins (assignor to the Union Horse Shoe Com pany), Providence, R. I.
I claim the method of thickening the ends of horse shoe blanksby
the combination of the dies, Cand ${ }^{\prime}$, when constructed and oper
ated in the manner substantiallv as described for the purpose ated in the manner substantialli as described for the purpose speci-
fled.
44,841.-Hoop Skirt.-Julius Waterman, New York City N. Y.: claim the introduction of the clasps that unite the ends of the
skirt hoons or springs within the pockets formed in the woven tape
substantiall $a$ as and for the purposes specifed. And in iombanation there with 1 introduced near the edges of the tape on each side of the clasp that
holds the ends of the wres together, as and for the purposes specified. 44,842.- Press.-Joseph P. White (assignor to himself
and Thomas Gannon), New York City: and Thomas Gannon, New York City
 der or the a purpossese se
44,843.-Injector for the Hair.-Austin A. Smith, Seneca Falls, N. Y.:
I claim, Inrst, Forming the elastic rim, A, with its sides, a a \&o
situated and formed that compressing the sides will gradually close
 Second, $I$ alsoco claim constructing the vacuum ruib with ripid sidies
or plates, $B$, in combination with the elastic ring, $A$, substantiall


 Fifth, Iaiso claim making the neck or base to which the tubes, D,
are attached, flexibe, so as to render them capabie of bending sep arately to tother to ajoust thenselvest th that form of the head, ,
ahatever position they mas be applied, substantially as set forth.

## RE-ISSUES.

1,798.. Pressure Bell.-Wm. L. Bradley, Nathaniel L
Bralees, and Walter Hubbard, West Meriden, Conn.,
Mssignees by mesne-assignments of Jason Barton,
We claim the combination and arrangement of the bell, striking
nstrument arranged to swing in a plane substantally at
Fbyt an
 We forth
We als
iston, and caim the combenbination of the bell, strikno ing instrument

 strikes another part or the apparatus befo
beli, in a plane subsat tally at right ang
rim or the bell, substantialy as set forth.
1,799.-Apparatus for manufacturing Cube Sugar.-
20, 1861. Re-issued Feb. 4, 1862 : Patent
I clatm the formation of the cubes, blocks, or lumps from the as embracea by the term ratabe sugar, of on means or machices or rotang series of molds fitted with com
compon on
pressing and discharging pistons, and having applied in combination pressing and discharging pistons, and having applied in combination
with them a cam or cams, or their equivalent, for openating the pis-
ons tins one or more at a time in regular succession throughout the
whole of the series, substantially as herein described. 1,800.-Straw-cutter.-Warren Gale, Chicopee Falls,
Mass. Patented Sept. 12, 1854. Re-issued April 3,

Mass.
I claim, first, Connecting the cutting and the pressure cylinders of
utters or hay, straw, or other substances, by gearing or its equivalent, in such manner that the knife or each of the kni ves u pon one
cylinder shall at every revolution be caused to come in to actual con
tact with the other cylinder or with some part of the other cylinder, act with the other cylinder or with some part of the oth
any desired point to which the parts may be adjusted.
Second
secing cylinder, having one or more knives, in cotter of a revolving
ressure cylinder having one or more radial finanges, arms pressure cylinder having one or more radial fi anges, arms, or pro
jections, and so arranged that the f fed is caught betwen the two,
drawn forward and cut ofr by the pressure between the knife on one drawn forward and cut off by the pressure between the knife on on
cylinder and the flange on the other.

set forth.
Fourth, Combining with the feed-box of a straw or other cutter an
adjustable throat, having a mode of operation, substantially as set
Fifth, Combining, substantially as set forth, an automatically
operating throat, with the eutting cylinder of a straw or orther cut-
ter, in such a manner as to diminish the number of knives heretoperating throat, with the cutting cylinder of a straw or other cut
ter, in such a manner as to diminish the number of knives hereto
ore employed in ordinaty cutters. 1,801.-Knitting Machine.-Moses Marshall, W. Aldrich,
and L. B. Tyng (assignees of said Moses
1 claim, first, Forming the stitches alternately on each side of the
needle resss by two sets of needles placed at an angle to each other,
and operating one needle at a time, substantially as described and operating one needle at a time, substantially as described.
Second, The two plates or reste a and f, or their equivalents,
arranged as to support the two sets of needles, and allow the fabric arranged as to support the two sets of and rededes, then and equivalents,
knit to pass between then, substantially as described.
Third, Connecting the cam boxes, $i$ i, which a ctuate the opposit Third, Connecting the cam boxes, $i$ i, which actuate the opposite
sets of needles, mbens of the arm, ,1, or its equivalent, so as to
give the proper alternate and relative movements to said sets of give the proper alternate and relative movements to said sets of
needles, substantially as esescibed.
Fourth, Connecting the feeder, which carries the thread, with the
arm which connects the cam-boxes, substantially as and for the purpose described.
Fifth, Two sets of single and independent needles crossing at an angle to e each other, and those of each set moving in direct or par-
allel lines, and the two sets operating alternately on each side of
alid angle, substantially as and for the purpose described. 1,802.-Revolving Fire-arm.-Rollin White, Springfield,
Mass. Patented April 13, 1858: Mass. Patented April 13, 1858 :
I claim combining with a fixed barrel a many-chambered rotating Within a short distance of the front mand, and there formed with
contran contraction of less caliiber than the diameter of the bell, when suc
contracted front end is rree to move longitudinally from the breech
snbstantially as and for the purpose specified. contracted riront end for the purpose specified.
nbstantially and for
And also claim in combination with the cha
And also claim in combination with the chambers formed with a contraction at the front end, substantially as specified, the makin
of the cylinder in two or more parts. so connected that thes shan
rotate together and be free to separate longitudinally, substantially
as and for the purpose specified.
And I also claim the combination of a fixed barrel, a rotating
cylinder having a series of chambers extended entirely through it, so placed and rotated that the several claambers may in succession ose upt the rear end of the chambers of the cylinder, and which it
ep rable rom, although it rotates with, the cylinder, substantially

## Extension.

Making Paraffine Oil.-James Young, Manchester, En
gland. Patented March 23, 1852. Ante-dated Oct.
I claim the obtaining of paraffine oil, or an oil containing paraffine,
and paraffine, frombituminous coals, by treating them in manner
herein-before described.

## TO OER READERS

nvariable Rule.-It is an established rule of this office to stop sending the paper when the time for which it was pre-pai has expired.
Models are required to accompany applications for Pat
cnts under the new law, the same as formerly, except on design pat ents, when two good drawings are all that are required to accompan
the petition, specification and oath, except the Government fee,

## ATENTS

 FOR SEVENTEEN YEARS! MUNN \& COMPANY,In connection with the publication of ithe SCIENTIFIC AMERICAN, have act d as Solicitors and Attorneys for procuring "Letters Patent" fo new inventions in the United States andin all foreign countries during he past seventeen years. Statistics show that nearly oNs-THird of al hroughthis office; whil neeriv in the United hroughthis omice; while nearly three-fourths of all the paten almo armost needess to add the proprietors of the SCIENTIFIC AMERICAN versant with the preparation applications in the the transaction of all business before the Patent Office; but the ake pleasure in presenting the annexed testimonials frem but the last ex. Commissioners of Patents :



Judge Mason was succeeded by that eminent patriot and statesman,
Hon. Soseph Holt, whoseadministration ofothe Patent OOfice was so Hon. osesp Holt, Whose administration of. the Patent Ofice was s
distinguished that, upon the death of Gov. Brown, he was appointed othe office of Postmaster-General of the United 'States. Soon afte
ntering upon his new duties, in March, 1859, he aldressed to us the Messer MUNN \& Co.- It aff
Mony to the abn \& and e:- - It ant affords me munne min which pleasure to bear test ffice of Commissioner. Your business was very large, and you su ained (and I doubt not justly deserved the reputation of energy,
marked ability, and unco jompromising flelity in performing your pro
essional engagements. ents respectfully, your obedient servant,
J. HoL

Hon. Wm. D. Bishop, late Member of Congress from Connecticut,
ucceeded Mr. Holt as Commissioner of Patents. Upon resigning the
 very large proportion of nghe the ofitice of of Commissioner of Patents,
office was transacted through your agency; and before the Patent $t$ nave eve ound you faithful and devoted to the nnterests of your clients, as well skill and acc uracy. Very respect fully, your obedient servant,
WM. D. BIsHop.

## the examination uf inventions

Persons having conceived an idea which they think may be paten able, are advised to make a sketch or model of their invention, and submit it to us, with a full description, for advice. The points o ith the facts, is promptly sent, free of charge. Address MUNN CO., No. 37 Park Row, New York.
As an evidence of the confidence reposed in their Agency by in
ventors throughout the country, Messrs. MUNN \& CO. would state hat they have acted as agents for more than TWENTY THOUSAND ventors! in fact, the publishers of this paper have becomeldentife broad who breor or on and ontshave addressed to them most fattering testimonials for the ser vices rendered them; and the wealth which has inured to the individ alswhose patents were secured through thisoffice, and afterward illustrated in the SCIENTIFIC AMERICAN, would amount to many
 Writers than those employed at present in their extensive ontices, an that they are prepared to attend to patent business of all kinds in th quickest time and on the most liberal terms.
PRELIMINARY EXAMINATIONS AT THE Patent office.
The servicewhich Messrs. MUNN \& CO. render gratuitously upon Office, to see if a like inves not extend to a search at the Paten pinion based upon what knowledge they may acquire of a simila invention from the records in their Home Office. But for a fee of $\$ 5$ ccompanied with a model, or drawing and description, they have a encial search made at the United States Patent Office, and a repor aile forth the prospects of obtaining a patent, \&c., made up an urther to the inventor, with a pamphlet, giving instructions fo rough the Bras. 0 fise prespre nd Seventh streets, ns. Many thousands of suchexaminations ha vebeen made throug his office, and it Address MUNN \& CO., No. 37 Park Row, New York
HOW TO MAKE AN APPLICATION FOR A PATENT. Every applicant for a patent must furnish a model of his inventio if susceptible of one; or, if the invention is a chemical production, he must furnish samples of the ingredients of which his composition consists, for the Patent Offce. These should be securely packed, the es bin marked on them, and sent, with the Governmen odels express. The express charge should be pre-pand. Sma fest way to cemilace can of cheaper by mall. Th rder of Messrs. MUNN \& CO Prons oh Ma ountry can usually purchase drafts from their merchants on thei ew York correspondents; but, if not convenient to do so, there is but little risk in sending bank bills by mail, having the letter regis tered by the
New York.

## Patents

ee required on flling an applicat the fees are also made

[^0]now in full force, and prove to be of great beneflt to all parties who The concernea in new inventions.
The law abolishes discrimination in rees required of for gers $n$ epting natives of such countries as discriminate against citizens of the United States-lhus allowing Austrian, French, Belgian, Engligh Russian, Spanish and all other foreigners, escept the Canadians, oo
enioy all the privilcges of our patent system (except in cases of de enjoy all the privilcges of our patent system (except in cases of do by filing a caveat ; to citizens only is this privilege accorded.

## caveats.

Persons desiring to Hle a caveat can have the papers prepared in the shortest time by sending a sketch and description of the invention The Government fee for a caveat is $\$ 10$. $\Lambda$ pamphlet of advice re garding applications for patents and caveats is furnished gratis, on applicatlon by mall. Address MUNN \& CO., No. 37 Park Row, Ncw York.

## REJECTED APPLICATIONS.

Messrs. MUNN \& CO. are prepared to undertake the investigation and prosecution of refected cases, on reasonable terms. The close proximity of their Waslington Agency to the Patent Oflice affords them rare opportunities for the eximination and comparison of re ation, models, drawings, document.s, cc. Their successinal portio their charge is caserally left depenclent upon the final result. All persons having rejected cases which they desire to have prose ated, are invited to correspond with MUNN \& CO., on the sulject giving a brief history of the case, inclosing the oflicial letters, $\& c$.

OREIGN PATENTS
Messrs. MUNN \& Co., are very extensively engaged in the prepara on and securing of patients in the various European countries. Fo the transaction of this busibess they have oflices at Nos. 66 Chancery ane. London, 2 boulevard st. Martin, Maris, and 20 Hue des Eper f all the Europeon Patents sucued to Aucrican citizersare pro ured throurl ther Pacy ured through their agency.
In the mit the issue or patents to inventors. Auy one can take out a pat nt there
obtainin information concerning the proper course to be pursued obtaining patents in foreigi countries through MUNN \& CO'S may be had, gratis, upon application at the principal office, No. 37 Park Row, New York, or any of the branch oflices.

SEARCHES OF THE RECORDS
Having access to all the ofticial recordsat Washington, pertaining to the sale and transfer of patents, MESARS. MU A \& \& CO., are at all times eady to make examinations
invitation to inventors.
Inventors who come to New York should not fail to pay a visit to he extensive offices of UNN \& CO. They will find a large collectio fhem much interest. The whole establishment is one of great interest to inventors, and is undoubtedly the most spacious and best arrangeu to inventors, a
MUNN \& CO. wish it to be distinctly understood that they do not speculate or trafic in patents, under any circumstances; but that they devotetheir whole time and energies to the interests of their clients.

COPIES OF PATEN' CLAIMS.
MESSRS. MUNN \& CO., having access to all the patents granted since the rebuildug of the Patent Office, alter the fire of 1836, can tu nish the claims of any patent,granted since that date, for $\$ 1$.

HE VALIDITY OK PA'TENTS
Persons who are about purchasing patent property, or patentees mo are about erceld have exteir heir patents, should have their claims examined carcfully by com etent attorneys, to sce if they are not likely to inf ringe some exist a validity of puents a ler he valuty or paluts, almertion wars ettled upon in advance aiter kowing the nature of the in way and icited, Forfurther particulars address MUNN \& CO No 37 Park Row New York.

Extension of patents
Many valuable pateats are annually expiring which might readity extended, and ir extenued, might prove the source of wallih to ery many patents ar suflerel to expire without any effort at exten tes, their reluteve or asurus as to the law and the mor poce dure in order to obtuin a renewed pront Some of the mot valueble
 heir beirs may apply for the cetensun of patents, but should give heir heirs, may apply for the extens
ninety days' notiee of their intention
Patents may be extended and preliminary alvice obtained, by consulting or writing to MUNN \& CO., No. 37 Park Row, New York. assignments of patents
TIre assignment ot patents, and agreements between patentees and manufacturers, carefully prepared and placed upon the records a Patent Agency, No. 37 Park Kow, New York.
onclatimed modrils
Parties sendug models to this oflice on which they decide not to apply for Letters Patent and which they wish preserved, will please to order them returned as carly as possible. We cannot engage to retain models more than one year after their recept, owing to their vast accumulation, and our lack of storage room. Parties, thereTore. who wish to preserve ther models should order them returned them. In case an application has been made for a patent the model $s$ in deposit at the Patent office, and cannot be withdrawn.

It would require many columns to detall all the ways in which the inventor or Patentee may be served at our offices. We cordially in vite all who have anything to do wth patent property or inventions to call at our extensive offices, No. 37 Park Row, New York, where any questions regarding the rights of ratentees, will be checrfully answered.
Communications and remittances by mail, and models by expres (prepaid) should be addressed co MUNN \& CO. No. 37 rark Row, Ne York.

## dind dixixa

W. F. M., of Mich.-You propose to draw canal boat ded over the mide of the canal; devised any plan for passing the supports? The resistance of wate to the passage of vessels increases not directly in proportion to the speed, but more nearly as the square of the speed, which preclude the possibility of 75 miles an hour. Even if this speed could be obtained it would require the reconstruction of all existing canals, and the substitution of curves of very long radius in place of th present short curves, or the boats would run ashore from centi fugal force.
P. P., of Pa.-There is no alarm that we know of suitable to attach to barns to give warning of thicves, who may at tempt to enter them, unless some one sleens in the barn to hea the alarm. E. IIolmes, No. 252 Broadway, has a patent for a clectro-magnetic alarm bell, which has been introduced quite extensiveliy into private residences. It is a very complete apparatin in the night without giving the alarm
H. P., of Mass.-We find upon examination that your application was rejected for the want of proper care in the poth merit and novelty, and if the'
 ins an orsont you are requied to wut a fee cent reven stamu upon it. Upon a power of altorncy to sell rights a firt cent stamp is refuired.
E. I. L., of Iowa.- Water can be decomposed in sev eral ways. The easiest is to drive steam through an iron tub filled with red hot iron fillings. The oxygen ot the water com on a large scale is said to be by the use of coke or coal. This wa the plan employed for retting the lydromen by which the city of Narizonne in France, was lighted. The apparatus was illustrate in the scientific american some years ago.
I. P., of Maine.--The paddle-wheel described by you does not, we regret to say, embrace any novel features. Abner Chapman, of Vermont, ol,taincd a patent several years ago for wheel precisely on your plan. He employed spiral shaped buckets or paddes secured to radial arms, with an open space at the ape of the paddle. The wheel was tried here, but for some reason was not adopted.
S. C. C., of Mass.--Friction gearing is often made of iron but not flat-faced. 1 series of V -shaped grooves in one pulley itt projectionsin the other. The objections to cloth-facel pulley riven tension drives more than a narrow bett of the same tension
 Though the presure on each inch may be the same in both case in the large pulley or belt there are more inches, and therefore ha
T., of N. Y.-Mr. Gillespie's idea in comparing the flying of a bird to a vessel sailing on the wind was, that when the forward edge of the wing is the ligher and the bird is moving for ward, the resistance of the air operates to keep the bird from fal ing, in the same way that the resistance of the water holds a vess frond drifling to leeward.
B. S. S. Harrison, Baltimore, Md., wishes to corres pond with makers of flanged earthen pine; not drain pipe J. U. B., of N. H.-We are not able to advise you in re gard to employment. Nany othersare sceking for the same in formation. It is a bad time to change.

## Money Received

at the Scientific American Office, on account of Paten Office business, from Wednesday, Oct. 19, 1864, to Wednesday Oc 26, 1864:-
J. M., of N. Y., \$25; E. D., of N. Y., \$25; J. M., of N. Y., $\$ 25$; A. ., ot Cal., $\$ 22$; II. L., of N. Y., $\$ 45$; F. II. P., of N. Y., $\$ 35$; H. F of Y., $\$ 20$; L. L., of N. Y,$\$ 20$; T. K., of Conn., $\$ 20 ;$ l. \& W.,
I. Y., $\$ 15 ;$ C. E. I. H., of Conn., $\$ 22$; E. S. C or N. Y., $\$ 15$; C. E. L. . HI, of Conn., $\$ 22$; E. S. C., of Mass., $\$ 20$; T. M
N. Y., $\$ 40$; H. \& S., of Ill,, $\$ 20$; B. B. of N. Y., $\$ 40 ;$ H. \& S., of Ill., $\$ 20$; B. B., or R. I., $\$ 25 ;$ M. B. \& N. $\Lambda$ P., of Tenn., \$16; S. M. S., of Iowa, $\$ 25$; W. II. M., of Conn., $\$ 25$; D. B., of Mich., $\$ 16$; D. \& R., of Conn., $\$ 15 ; Z$. T. L., of Conn 25 ; B. \& II., of N. Y., $\$ 25$; II. $\Lambda$. P., of Mass., $\$ 20$; F. G. B., Conn., $\$ 25$; G. S., of Mass., $\$ 25$; B. \& P. of Mo., $\$ 25$; J. H. P., or Conn., $\$ 16$; B. R. H., of N. J., 22 ; G. W., of Mass., $\$ 25$; M. M.,
N. Y., $\$ 20$; L. C., of N. Y., $\$ 40$; J. E. P., of N. Y., $\$ 22$; S. E. T., N. Y., $\$ 20$; L. C., of N. Y., $\$ 40$; J. E. R., of N. Y., $\$ 22$; S. E. T.,
N. J., $\$ 70$; B. R. H., of N. J., $\$ 25$; J. B., of N. Y., $\$ 60$; E. S., ich., $\$ 20$; $\Lambda$. C. C., of N. Y., \$20; P. C. R., of Mass., $\$ 20$; II. B., . Y., $\$ 20$;. .'. L. S., of N. Y., $\$ 40$; W. T., of N. Y., $\$ 15$; C. R., of N Ohio, \$25; G. W. B., of R. I., \$15; J. M., of Mass., \$15; T. II. W., o I., $\$ 25$; J. G. S., of Mass., $\$ 35$; J. N. A., of Iowa, $\$ 15$; S. W. K of Mass., $\$ 25$; W. S. J., of N. J., $\$ 15$; J. D. S., of N. Y , $\$ 25$; F. J. E
IIl., $\$ 25$; J. R., of N. J., $\$ 25$; J. D. B., of Ill., $\$ 12$; F. D., of III., $\$ 25$; J. R., of N. J., $\$ 25$; J. D. B., of M., $\$ 12$; C. F. D., of
raiue, $\$ 25$ M. \& R., of N. Y., $\$ 60$; J. B., of N. Y., $\$ 15$; W. G. K., of nd., $\$ 20$; W. B. D., of Conn., $\$ 15$; W. \& M., of Ind., $\$ 20$; J. H. C. of N. Y., \$55; E. M. K., of Ohio, \$20; J. II. C., of Mass., $\$ 25$; R. \& I V. F., of Ind., $\$ 16$; $\Lambda$. I.. G., of Mo., $\$ 25$; $\Lambda$. K. I. W., of Mass., $\$ 15$ D. T. C., of Ill., \$25; C. D. R., of N. Y., \$30; T. N. D., of Ind., $\$ 35$ A. R. D., of N. H., \$40; J. E. P., of N. Y., \$22; S. C. T., of Mich. $\$ 25$; J. P. B., of Wis., $\$ 15$.

Persons havingremitted money to this oflice will please to examine he above list to see that their nitials appear in it and if they hav be found in this list, they will please notify us immetiately, stating the amount and how it was sent, whether by mail or express. Specifications and drawings and models belonging to
partles with the following initials have been forwarded to the Paten Office, from Wednesday, Oct. 19, 186d, to Wednosdar, Oct. 26, 1864:-
C. E. L. H., of Conn.; J. R., of N. J.; M. M., of N. Y.; L. C., of N
 G. C. M., ,of Ohio; C. H. B., of Mass.; D. O., of III.; J. G. S., Mass.; S. W. K, of Mass.; S. B., of N. J.; J. D. S., of N. Y.; G. S of Mass.; J. M., of N. Y.; J. P. W., of N. Y.; J. D. B., of MII.; C F D., of Maine; H. L., of N. Y.; T. N. D., of Ind.; M. L. G., of Mo B. B., of R.I.; B. \& I., of N. Y.; Z. P. L., of Conn.; A. B. L., of R.I.; J. E. P., of N. Y.; S.C.T., of Mich.; T. M., of N.Y.; G. W., of Mass.; E, D., of N. Y.; J. M., of N. Y.; A. C., of Cal.; S. E. T., of N. J.; F. F. I. P., of N. Y. ; J. II. G., of Ohio; D. T. C., of Ill.; S M S., of Iowa; W. H. M., of Conn.; J. II. C., of Mass.; C. D. R., of N Y.; T. H. W., of N. H.; A.
P., of Mo.: F. J. E., of IIl.

Chief Quartermanter's office,
ard sirects, Philadelplia. (ct.

an


Burlaps, 40 inches,
Samples of sucharticles as are required to be army standard can
e s seen at this
Each bid must be guaranteed by two responsble persons, whose
signatures must be appended to the cuarantee, and certificd to as
bener good and sufficiont security thr the amount involved by some public functionary of the United States.
Bid riom deauditing contractors, and that do not rully com
ply will the requirements of this advertisement, will not be con
sidered Bidered.
Blank forms for proposals, embracing the terms of the guarantee
cefired in eacli bid, can be had on application at thils office, and none others which do not embrace this guarantec will be considered
nor will any proposal be considered wlich does not strictly coniorm
or the rean The bids will state the number and quantity of eath kind of arti
The the red cle proposed to be delivered.
Deliveries must commence witlin ten days from the date of the Proposals must be endorsed "Proposals for Army Supplies," sta inf on the coveclope the particular article bid for.
HERALAN BIGGS, Colonel, Quartermaster's Department.

## BOOKS FOR PRACTICAL MEN

AMERICAN COTTON SPINNER, and Manager's and Carder's aide. By R. H. Bara, 12 mo , chen,
 illust rated ly engravings of the nost approved maclinery. 1:mo,
cloth, $\$ 125$. ASSAYER'S GUIDE ; or, Practical Directions to Assayers, Miners
and Smelters. By Oscar M. Lielier, 12mo, cloth, 75 cents. BEANS-A TREATISE ON RAILROAD CURVLE AND THE LO
CATION OF RAILROADS. By E. W. Beans, C.E. l2mo. (In press. BREWER (TLIE COMPLETE PIRAC'TICAL). By M. L. Byrn, M.D BUILDER'S COMPANION ; containing the Elements of Building, Surveying, and Architecture, with Pract ical kules and Instructions
connected with thi subject. By A. C. Sineaton. Ilustrated by 70
CABINE'TMAKFRR'S AND UPHOLSTERER'S COMIRNION. By
J. Stoke.s With illustrations. 12 mo, cloth, 75 cents. COLBURN-TIIE LOCOMOTIVE INGiNE ; ineluding a Deserip.
ion of its Structure, etc., etc. By Lerali Colburn. lllustrated. 12mo, cloth, 75 cents.
DA UERREO'TYPIST AND PHOTOGRAPIER'S COMPANION DISTILLER (THE COMPLETE PRAC(TICAL). By M. L. Bÿrn M.D. Mlustrated. $12 m 0$, coth, \$1.

DYER AND COLOR-MAKELES COMPANION. 12mo, cloth,
GAS $\operatorname{AND}$ VENTILATION. A Practical Treatise on Gas and Ven
tilation. By E. E. Perkins. 12 mo , cloth, 75 cents. INVENTOR'S GUIDE-Patent Office and Patent Laws ; or, a
Guide to Inventors, and a Book of Refecence for Juddes, Lawyers,
Magistrates, and others. By $J$. G. Moore. 12 mo , cloth, $\$ 1$.
 LARKIN-THE PRACTICAL BRASS AND IRON FOUNDER'S
GUIDE; A Concise Treatise on the Art Br Brass Founding, Molding, GUIDE; A Concise rreatise on the Art ot Br
etc.
By James Larkin. 12 mo , cloth, $\$ 1225$.
MARBLE WORKER'S MANUAL ; containing Practical Informa-
tion respecting Marbles in gencral, their Cutting, Working, and Pol MORTIMER-TIIE PYROTECHNISTIS COMI
Mortimer. Ilustrated. 12mo, cloth, 75 cents.
painter, gilder, and varnisier's companion. Con aling Rules and Regulations in everyching relating to the Arts o
Painting, Gilding. Varnishing,
 Eiable, with the simplest methods of Prevention and Remedy
Eishth editon. To which are added Complete Instructions in Grain
ing, Marbling, Sign Writing, and Gilding on Glass. 12mo, cloth, $\$ 1$ PAPER-ILANGER'S COMIPANION. By James Arrowsmith. 12mo loth, 75 cents.
PRACTICAL, sURVEVYORS GUIDE. By Andrew Duncan. Illus
trated. 12mo, cloth, 75 cents. IRALLROAD ENGINEER'S POCKET CONPANION for the Field TEMPLETON- PRACTICAL EXAMINATOR ON STEAM AND
TIIE STEAM ENGINE. By Wm. Templeton. 12 mo , \$1. TREATISE ON A BOX OF INSTRUMENTS AND TIIE SLIDE
RULE; be eng a Guide to the Gager, Engineer, Seaman, and Student
By Thoma Kentisl. Illustrated by numerous engravings.
 The above or any other or my Practical ant Scienliftc Books
sent free of postage at the publication prices. Mv catiloguc will be be sent fr
182

SWEET FACES.-PHYSIOGNOMY OR "SIGNS OF Fqcts about the Brain, with Illostrations-Portraits, Characters, and
Biograply of McClellan, Fremont, Knnard, Alis, tetc. Brains of
Criminals, Workand Wages, Nativity of our Population, Grapos for

 B Mesgrs. FOWLER \& WELLS, No. 359 Broadway, New York.
$182^{*}$.
fOR SALEE.



[^0]:    
    On appeal to Com missioner or Pate.....
    On aptication tor
    On application for
    On application for extensio
    On granting the Extension
    On gling a Disclaimer.
    On fling application
    On flling application for Design (three and a half years)
    On fling application for Design (seven years).....:
    Laws, enacted by Congress on the 2d of March, 1861

