I further claim constructing the shoo of two equal parts, A A

[This invention relates to a new and usetul improvement in that elass of horseshoes which are attached to the hoof without the aie of nails. The object of the invention is to obtain a means for se curisg the shoe to the hoof without the use of nails, and which will prevent the animal becoming hoof-bound, and at the same time firmly secure the shoe to the hoof.
49,813.-Stirrup Fastening.-C. H. Wellman, New York
 operating together su
49,814.-Loom. - Joseph Welsh, Philadelphia, Pa
 49,815.-Baling Press.-Joseph P. White, New Yor City
 49,816.-Plow.-E. G Whiting, Northfield, Minn.

?This invention consists in a novel and improved manner of contructing stecl plows, whereby the same may be readily kept i being detached when worn, and new parts inserted in their place.]
49,817-Grain Register.-Jonas T. Wiley, Claytown
 bination with the projection on the shaft and the snapping spring
which audibly indicates the scoring, and prevents the revolution
 tion when the thate is interposed to prevent the engagement


49,818--Seeding Machine.-Henry Williams, Kenosha I claim the employment or use in a seeding machine of two shatis ho whieel, B, on which the machine is moonteef secured to them wheols, $\dot{E}$, substantially as hereon specified.
kthis invention reat a new and improved machine for sow seed broadeast and it consists in a certain construction an rranzement of parts, whereby the seed may be sown in greater o lose quantity over a given area, as may be required, and the wor erformed in a superior manner, and with very little labor or ma mipalation on the part of driver or operator. 1
49,819.- Gate Fastening.-John P. Woodcock, Bedford I claim the eombination of the thumb spring levers, $m m$, spring
evers, $h$ with houk-shaped ends and holow
casing or socket arranged together substantially in the manner described and of or th
(For an illustration and description of this invention see No. 1 present volume, of the Sciestific American.]
49,820.-Fence.-Wm. D. Woodruff, Phelps, N. Y

,
49,821.-Chest and Table.-G. W. Zeigler, St. Louis, Mo. e e, and the the lid, a, lingee to the box, A , by means of the straps, fi


49,822.-Fastening for Scythes.-Wm. C. Barker, Provi dence

## Clity:

6, arrangedin such a manner as to clamp tirmy means of an eye bolt
 and described. ongular position witli the snath, substantially as showi
[This invention relates to a new and improved fasteningfor securng scy thes to their snaths, whereby the seythe may be readily ad point of the scythe adjusted nearer to or further from the operator simy me desired and the scythe at the same time firmly secured to the snath. 1
49,823.-Steam Blower for Furnaces.-John $\Lambda$. Bassett Salem, Mass., assignor to Oliver Burnett, Farming Mass:
and to operate substantially in the manner and by the means a a
hereinberore specified, such elements Leing the rotary steam jet Wheel, its hollow arbor, the fan wheel, and an opening or case sur-
roundmg such iall whel, the whole being for application, to a furnace, in manner and for the objects as set forth.
49,824.-Galvanic Battery.-John Blackie (assignor to himself, William C. Dodge and William $s$. King), claim, First, The cup, B
plate or ing, $h$, as herem shown and described. second, Iclaim heremerrorated plate, a and a', provided with the
stud. c and nut, d , when constructed as and for the purpose hercin Third I claim the combination of the cup, B, provided with mer eury, the zinc plates, c, and the silver plate,
arranged to all submerged and
49,825.-Machine for Covering Cord.-John Buser (as-
signor to Heinemann \& Silbermann), New York First, i claim the trough, $y$, in compination with a series of roll
ers, or equivaient apparatus, to present the roundation threads to said trough and apply to them the required tension while being second, 1 head with, its cins tor guiding the covering threads as they
ere theisted upon the foundation as the latter passes from the
arough to the fyy or spool, as specified.
49,826.-Process for Rendering Leather Water-proof. G. Conklin (assignor to Caroline A. Conklin), Conklingsville, N. Y.:
manufactured or undescribed process of dipping the leather, either
ture of about 175 degrees, and sured into heated inguld at at ander ing it in an atmospher
ture of a bout 175 degrees, and suspending it in an atmosphere
heate it about the same temperature, substantially as and for the
purpose specifed.

49,827- Machine for Making Cement Pipe.-John E
Earle (assignor to John P. Lindsay), New Haven Conn.

 9,828.-Machinery for Making Cement Pipe.-William Goodwin (assignor to J. P. Lindsay), New Haven Conn. Antedated Aug. 28, 1865:
1 claim, First, The copstruction and anrangement of the sloo or he fiask becomes filled, substantially as and for the purpose, Sectifeod ality as andination of the fanges if the
The arrangemene spesif Third, The arrangement op thiocerane secirin, in. combination with one purposes speciifed
Fourth
The
ocmation of the crane,,$M$, table, $B$, and two or 49,829- Machine for Making Moldings and Frames, Gustave Heuze (assignor to himself and Edwar Sommerkorn), New York City:
I cain, ler $J$ ind belt, 1 , substantialy app in the in combination with Second, The tubular attachment, 1 , to the discharge spout, $\mathbf{j}$, plugs, 1 , constructed and operating substantially a a a and lor th
Thride The everically adjustable box, H, applied independently of
he leveler, j, and actimg in conlunction $w t h$ the same, substan Fially as and for the purpose describead der, J, applied and operating substantially as and for the purpos Fifth, A machine combining a saw, a molding cutter, 1 levelee and siliter, and a polisher, all constructed and oper ating substan 49,830.-Picker Check for Looms.-L. J. Labounty (as
signor to himself and Allen P. Bicktord), Lowell,

## Mass

 49,831 . - Manufacture of Super-phosphates.-G. A. Liebeg, Baltimore, Md, claim the use of sulph

 $9,832 .-$ Skate. - Edgar Murrav, New YorkCity, assigno
to Wm. J. Coombs, Brooklyn, N. Y. Antedated Sept. 1, 1865: xination with the the red ormed with the cam-shaped clamp, $f$, in com-
 as set forth. 49,833.- Sulky Plow.- Ira C. Pratt (assignor to himself
and L. F. Pratt), Morton, Ill.: 1 claim, First, The plakk, A to which the plow beams, B, are se
ared, coinected to the draught pole, I, by joints or eyebolt, f , ane operated or adiusted by the driver on his seat, through the me ium
of alever and arm, ortheir

 Cithrough which the axle passes and the ever. F, atached to the
pann, and bearing on theaxie, substantially as and dorthe purposes
set forth This in
pplicable tion relates to a new and improved sulky piow, and is ready adjustment of the plows so that they will penetrate the earth at a greater or less depth, and raised entirely out of the ground when necessary, as in turning at the ends of a field, or in drawing he device from place to place.]
49,834.-Horse Hay-fork.-O. P. Secor, Chicago, Ill. I claim the tines, a a a a each for med in a continuous curve, in
nepiece, with its shanks, which shanks converge and are con
 structed, arra
poses specified
[This invention consists in a novel thpping device for causing the fork to discharge its load; one which will admit of the fork bein readily ad justed, so that the latter will hold or retain its load while being elevated, and which will also admit of the fors being cheaply onstructed and easily manipulated
9,835.-Knitting Machine.-Asa Sessions, Jr. (assigno (hne Co.), Springfield, Mass. n, with her the sider, $n$, and bed piece, $\mathbf{A}$, substantially in the manne
 chine, subtantinily as described.
Third
The spriug,
when used
when parts of the machine, in the manner and for the purpose described
Fourth, The bridee. B, slotted as describbel, when appled to Fourth, The bride. B, B, slotted as describbecl, when ap
nitting macline, as and for the purpose herein set forth
49,836.-Grater tor Spices and Fruits.-H. S. Shephardson, Shelburne Falls, Mass., assignor to H.S. Shephardson \& Co.

49,837.--Sewing-machine Stitch.-J. J. Sibley, New York City, assignor to the Bruen Manufacturing I claim
49,838.-Machine for Punching Horseshoes Samue D. Turner (assignor to the Union Horseshoe Co.)

I claim a machine for punching horseshoes, consisting of one or
moree lastic gage points, bub operatins
as described, for the purposes specified
49,839-Apparatus for Removing Hair from Hides.
Samuel S . Weed, Stoneham, Mass., assignor to Edgar M. Stevens and James L. Hall:
I clalm, First, Removing hair and lime from hides or stins by
means of a rotating cylinder covered with rubber, substantially as

described The combination of the cylinder, $\mathbf{D}$, feed rollers, I and K , | ITvers, L' |
| :--- |
| scribed | Third, The brush, w, when comhined

cylinde., $\mathbf{D}$, substantially as described.
9,840 .-Castor Bottle Holder, Alonzo F Your chester, Mass, assignor to himself. Yad Join W Haines, Somerville, Mass.:

circumstances serving to hide the cups more or les. from view
when the article may be in use with its stand on a tabie. 49,841.-Castor Bottle Holder.-Alonzo E. Young, Dor chester, Mass., assignor to himself and 'John w
 nection and handle.fastening socket, as specifie
,842. .ectro-magnetic Regulator.- Francois Fer
dinana Auguste Acnara, paris, rrance:
claim an electro-magnetic apparatus composed of a sectiona
 as and for the parpose herein shown and described sus the purpose of operating boiler feeds or of regulating he pressure of steam or gases in closed vessels, and which also may be used for the purpose of operating car brakes, and for various other purposes.]
9,843.-Writing Fluid.-Henry C. Bailden, Edinburgh I claim the use, for the purpose described of paper tinted or $c o l$
ored with a coloring matter susceptible of belne acted upon by



49,844. - Breech-loading Fire-arm. - James Dabzie ugal, Westminster, Great Britain:
 tially as and for the purposes herem set rorth- secon, The projection, on the breeh opece, in combination


## REISSUES.

2,063.-Die for Stamping Rings.-Oscar M. Draper ented May 24. 1864:
 B, or thei
,064.-Steam-engine Governor.-Bobert w. Gardner Pirst. I claim Ill. Patented Aug. 14, 1860 :

 said valve, the two forcess worling against and indepencent of eaeh
other, subtsintinily as herein speci ied.
Secons Second, The spinde, o, of the oovernor, supported on the head ot
the
weighte stem,
weight



 onstructec and operating substantially as and tor the purpoze , Machine.-

 mechanis
2,066.-Hoisting Machine.-William Miller, Cincinnati, Ohio. Patented July 4, 1865
 mental nuts. elevating platrorm, supported by rolle-s, $\mathcal{A}$, or their
Secon, An
equivalents, on a single worm wheel resting in worm racks or seg nental nuts, substantially as set forth. 2,067.-Breech-loading Fire-arm.-B. S. Roberts, U. s.
A. Patented Sept. 23, 1862: A. Patented Sept. 23, 1862:

 2063.-Breech-loading Fire-arm.- B. S. Roberts, U. S. A, 063 - -Brech-loading. Fire-arm

 ocked against its up ward tendency, cause ty the pressure or tho
gas durimg a discharze of the arm, substautianly as described.
2,069-Apparatus for Carbureting Air.-Hugh L. McAvoy and Elias S. Hutchinson, Baltimore, Md., as-
signees of Hugh L. Mcavoy. Patented Dec. 13, 1864:

 supponed with air, htrough an automatic valve, or oly any other
means adaptea to prevent the evaporation of the luid when the apparatas is iot in poreration.


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STANDS the nature of bell metal, is wanted by the under-
signed, who will pay expense of coming. S. S. REMBERT (Care J. \& J. Steele \& Co.), Memphis, Tenn.
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advantages in absolute safety from destructive explosion, firse cost,
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## March, 1865.

WOODWORTH PI ANERS IRON IRAMMES TO TOR PATENT STAVE AND BARREL MACHINERY ${ }_{4}$ btf
TO INVENTORS OF NEW ARTTCLES OF TIN PLATF





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