## OFFICIAL REPORT OF <br> Patents and Clams

Issued by the United States Patent Office, for the week ending july 14,1868 Reported oftctally for the Sctertitic American.
Patents are granted for seventeen fears, the following


On appeal to Commis8ioner
On application tor Reispe...
On application Hor Exenio
On erantini the Estension...

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of Canada and Nova Scotia pay $\$ 500$ on application.
Pamphlets containing the Patent Laws and full particulars of the mode ther nformation use ful to Inventors may of model required, andmuch $M$ MNN \& CO.. Publishers of the Scerntitic American. New York.
79,800.-FAASTENING FOR Boot.-A. A. Abbot, Boston, Mass

Adams, New Fork city, ${ }^{\text {A }}$, 2d. The eafe or garard. casing, with its devices thereto attached, or equiva-
lentis as spown and aescribed.
 for the
79,802 . - Machine for Separating Light from Heavy


 carynge the saiu fner particles into a deposit chamber, substantially as de-
serrben
s903.-RuTART STEAM ENGINE.-J. S. Barden, Providence,




 madeand arranged together as set iorth.

 the whole, substantially










 purpose specified
79, 807 . Brown, Trov, N. $\mathbf{Y}$.


 the hot water reservoir, substantially as set forth.









 7nd tor the purposes specited.
 79.812.-Railroad Switch.-James Dampman, Lebanon


 79,813.-Grain SEPaARATOR.-L. H. Davis (assignor to Casho








 79,816. - Closing V OLCANIZING FLASKs.-Horace M. Edson,
M ount Vernon, Onio.
1 clam the screw of brass or other suitable metal, which. screwed down


 79,818.-Tool Sharpener.-Samuel Farrenburg, Taylors-





 alent, when arranged together and operating in the manner and for the pu
p9, qupecioed.
79 .


79,821.-CHORN.-J. C. Gilbert,Galesburg, Ill
 and ned to cperate substantualy as shown and described.
$7 y, 822,-A T T A C H I N G ~ P A D ~ H o o k s ~ T O ~ P A D S .-G e o . ~ D . ~ G i l l e t t, ~$ I claim in combination with the pad hook. B, the hook, e, and shoubder, b,
with or without the shoulders, b b, as herein shown, and for the purpose de 79,823.-Lamp Chimney Attachment.-F. N. Gisborne,





 ton, Mass. Antedated July 3 , Goodell, Florence North Hamp
 2d, The adjustable socket $\mathbf{C}$, operated by the collar, A, substantially as
show, nhe device for attachtng the head consisting of the split 8 rew,
3d, sit
arond a neck tormed in the jouraal, and screwing intothe head, substanti79,826. Steam Heating Apparatus.-Chas. C. Hall, Portland, Me. The open boiler, b, constructed and operating as herein set
I claim 1lt.t.

 5th, The steam reatitg apparatus, as liercen described. in which the liabili-
ty to accodent or explosion is obviated, by the prevention of steam pressure
as herein describea.
 by means of outlet, n, renulator, p, plpe, c. and waste pip, m.
79, 827 . FRUIT GATHEREK. O. Court Hamilton, and Har









 When constracted and used sabstantially as described.
79.831 .-MANURE FORK.-Jacob W. Horst, Annville, Pa.





79,833.-Machine For Sizing Hat Bodies.-Wm. H. Hoyt

 79.834.- PLow.-Abram C. Jacques, Leavenworth, Kansas
 79,835.-Window Sash Stop.-James G. Jewell, Washing-


 79,836.-STOVEPIPE DAMPER- - John DOhnson, Atkinson, Ill.
 79,837.-Car Seat.-C. P. Kimball, Portland, Me.































 T,





 79.847 . - Ere Cur





79.849- Machine for Serarating Iron from Sugar.-
 79,850 .-I nstro


 79.851.-Ditching Machine.-Patrick O'Conner and Morris
 79,852.-Horse Power. - George Oerllein, Utica, Minn



 79,853.-P Parsmerris Hoor.-John W. Pattee (assignor to him-

 79, 854-WIRE AND Proser Fence.-Elias C. Patterson,

 79,855.-Wagon Brake.-David Philips, Cordova, Ill.






79,857.-GATE.-Jerome Potter, Pierceton, Ind.


79,858.-Machine For Making Wooden Boxes.-Reuben

 gubtantilili Resad for tee ourpose set forth.















 $79,865$. .-GRINDING Plate for Grist-mill.-Henry Shaw


 the purposes above sei forth. -William Sherburne, Cbarlstown,














 Ceaim, 1st, The supporting bars, B and C, Constructed with a slot, and



\%9,



 79,8 Mase. Lathe Rest.- William Thompson, Worcester,


















 79,882 -Washing Compound.-H. K. White, Conneaut

 , arrang ged to be poper rate tribbevel gearatiached the horizontal shafts




 $79,887-$ Lamp - Ferdinand Adt (assignor to himself and
 79,888 -Inking Apparatus for Color Printing.-Thos




 79,890 - Manufacture of Fruit Cans.-Charles Becker


 79,892 . - MANUFACTURE OF GLASs. - Leon Bemelmans and


 7, 893.-MANUFACTURE OF GLASS.-Leon Bemelmans and
 79,8984.-CIECUIT CLIOSER.--William J. Biggar and John C







79, o87.-K K Nitrina Machive.-Charles W. Blakeslee, Water






 tilio, a narrinining and widening device, constructed and operating substan














 79,902. - MEat Cutter-C. A. Foster, Fitchburg, Mass., as-



 79,903.-FIre KinnLIN.-Charles Gaudin, Zoe Granier, and
 79,904-FAgot OR Pile For Mandfacturing Railroad
 79,905.-Machinery for Making Wire Heddles.-Emil T.



 7y,907.-Mile Can.-George A. Huggins (assignor to himself










 79,911.- Passenger Register.-Thomas S. Huntington and











 ing or thereftrom, to revere or or too the metor wor the bea, without chang

 79,913 - SNow PLow.-Samuel Lewis (assiznor to William






 79,915. - Railroad Telegraph Alarm.-G. Natcher, Sid-





 79, 917 - GANA ANG PLow. -John F. Porter and Alonzo Norton,










 79,921, Coer $H$ IN. - Bernard Smith (assignor to "American
 79, g22. - Scoop and Sifter.-E. J. Smith \& F. B. Perkins,
 79,933.-Loom For Weaving Paim Leaf.-John C. Smith,


























 $79,{ }_{\text {Wamen }}^{\text {and }}$











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79, 949.-Force Pump for Hydraulic Press.-W. P. Calla-

 79,950.-DoDble Active Hinge.-James H. Carkeet, Mont
I gomery, Ala.


 the projections, CD, in the manner as and for the par posespecifed.
79, 92. ELEVATED RAILWAY.-Robert A. Uhtegebrough, New

 Boston, Mass.
I cianm, in combi
79,954-0 A. Collinge Virgina Cliye, Nevada.


 nder, butthe latter or smaller rabbing and grinding against the cylinder,
deecribed.
$79,955 .-$ Bleaching Apparatus. - Elizabeth A. Combs, I claime the Are pot or farnace, D, in combination with the box described, 79. 956 . - CuLTIVATOR.- George Wurthe purposes spectaed.
 substantially as anc for the parpace see forth. Cowell, Ansonia, Conn.
79,957.- TooTHED YHEEL. Johu
I claim, 18t, The combination of a detachable tooth

 keys, d, oo as to sccure the keys, substantlally in the manner hereto set forl2
7958.-LAMP CHIMNEY -Robert R. Crossby, Boston, Mass
 and or the purpac herein specifed.






 ${ }^{8 p} 9,962$. 1 .-Corn SHELLER.- Milton Day, Baltimore, Md.






 79,965 . TAPE MEASURE.-A. J. Fellows. New Haven, Conn.
 79,966.-STEak Masher.-Richard Flynn, West Brookfield,




 79,968-W тсн. - M. N. Frederick (assignor to himself and





79,969.-Lamp Burner.-F. H. Fuller, South Boston, Mass


 79,970-APPARATUS FOR Decorticating and Cleaning
 79,971.—Screw Threading Machine.--Ezra Gould,Newark,

 79, 972 . - ELECTROM, Magnetic Temperature Alarm.--John
H. Grooklyn, N. Y.


79,973.-Electro-Magnetic Burglar and Fire Alarm.--






and asp line, and are otherwise arranged, substantially as and for the parposes
set forlh.
79,975 . - Feather Rewovator.-Charles E. Hendrick Chic

 79,976.-MACHINE FOR SHAVING Rattan.-Levi Heywood, Gardner, Mass.
I claim tea arrang
Hall as described.
 79,977.-B REEAST STRAP.-A. L. Hill, Decatur. Ill

 79,978 - Trace Buckle.-Henry Hise, Chicago, Ill I'claim, 18t, The comblnation ot the plate, , provided with one or more
Inclines, whith a clasp, , arranged and operating substantially as set forth,
and for the parposes specited 2d. A piate, B, wh min constructed so as to be secared apon a trace, and pro-
Hided with one or more, noclines, a, in the manner described

 79,980. -Machine For Grinding Saws.-Charles W. Hub-




 79.982.-CAR Cotrpirnig. - Fredelifick A. Hull, Belvidere, Ill.
 9,983-Needle for Sewing Machine.-George M. Isbell,
 finctarvatare or swell at the back of the hook, as and tor the purposes set
forth.
 79,985. - Spranal OR W INDIN
New York ity.
 $79,986 .-$ Mase. ${ }^{\text {act }}$ Shipper for Looms.-L. J. Knowles, Warren,


 hall canse the shipplng lever to be drawn in either direccion, as required.
79, ${ }^{\text {S. }}$.-ANIMAL AND BIRD TRAP.-A. T. Latta, Camder,

 7,988- PHINTRHA GaLLET.-Charles H. Lawrence, New
 79,989.-GAS HEATER.-H. Y. Lazear, New York city.


 79,990. MACHINE FOR DRESSING GRINDSTONES, MINERALS,
 in a
79,91.-TRUSS PAD.-Thomas J. Lindley. Medora, Ind. I clalm the woodenpressure pad, B, baving an ingrited lead centre, C, and
tichad to the strap, a, all arranged substantially as and for the parpose set
orih. 79,992.-Stove Pipe.-James C. Loup, Galveston, Ind.
 9,993.-GRAAN SEPARATOR.-Elijah Lucas, Winslow, Ind.

 9, 944 . - Pontan ill




 79,997.-Horse Collar Stuffing Machine.-S. B. McCor-

 cribed
3d, The combination of the planger, A, having the fork, a, with the arm, e,
nal ben gaide rod, H, when the several parts are constracted t $\omega$ operate io


 79,999.- Tire Frame Attachment.-N. H. Mead, Water-
 80,000 - Washing Machine.-Cyrus Miller, Des Moines,
 80, 0 th.

 80,002.-Horse Hay Fork.-C. E. Murray, Sugar Valley, JPa.





























 80, $\mathbf{0} 11$.
 pose giecitied. 80,

















 frame for the introuaction or tuel, substantials as et fortb. -A. C. San-












 boi,

 as 80,024 ectifed. Friction Clutch Pulley.-H. K. Smith, Norwich,
 80,025.-CUT-OFF VALVE GEAR.-Samuel Stanton, Newburg



 80,027 . - Mandfacture or Auger Bits.-James Swan, Sey

 80, H . Teal, Weyawwepg, Wis.






 80,032 .- Dressisg Barrel.-C. Titus, Union, Me.




 $80,035-\mathrm{L} A$ RD PRESSAND SADSAQE STOFFER.-A.
 80,O36.-Compound for Weldivg.-J. R. Tryon, La Crosse,

 as herein degribed for the purpose specitied.




 he purpoee erfortb
 B0,, unp
 30,042--DIE AND PluNaEr.-Henry . Williams, Provi

 1 mligham, England









 80,044.- UEvice ForShairening Horseshoe CaLks.-Peter

,0,045. - Friction Clutch Pulley.-C. Wright, Newark



## REISSUES.

9,908.-Dredaing Machine.-Dated April 13, 1858 ; reiss
 60,714 -STRET AR HEATER. Dated Jan. 1, 1867; reis ue



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Iront of the catter. D.In a frame, whiten is adjastable apon the ehooe, $\mathrm{N} N$, in
 61,431 - SEEED PLATMER-D -Dated Jan. 22,1867; reissue 3,031.





























 6. 268 .-MANUFACTURE AND PREEERVATION OF LARD. - Dat-

 66,268. - Manufacture of Lard.-Dated July 2: 1867; reis-








 DESIGNS.
3,095 and 3,096.-Center Piece.-Henry Berger New York 3,097- Imitation Braid for Bonnets.-S. A. Blake, Mil-098.-Cloce Case.-Paschal Converse, New Haven, Conn.
 ,100.-Bottle.-John Hart, Lancaster, Pa.
 ,102.-Trade Mark.-D. D. Mallory, Baltimore, Md. 3,103--Army and Navy Emblem.-John P. Reynolds, Sa-,104-- CARPET PATTERN.-R. R. Campbell (assignor to Low-
 ,108--Knife Handle--R. H. Fisher, Beaver Falls, Pa Muller (assignor to Nicholas Muller),
 3, 111. Wilkinoon (aseignor to Gorbam Manufacturing Company), Frovidence Geo. Wilkibeon (agesignor to Gorbam Manafacturing Company), Provi.

Inventions Patented in England by Americans. PRovtsional provisional pbotection for aiz monter.

 1,912,-Cruskr.-Chass. D. Peasley, Biddeford, Me. June 11,1888.



