Stardation in the Red River Country.-Accounts from the Red River region indicate that the ravages caused by the grasshoppers, render famine imminent. The St. Paul Press says: "Nothing but the $m$ nst prowpt and most energetic measures, prosecu'ed upon the largest scale, can avert from the people of Red River the most awful calamity of modern times" It adds "that the time for obtaioing relief is ex treniely short, as withio a few weeks the peopie may be walled in by five hundred miles of snow from any possible aid except what they may dribble through on dog trains."
Artificial Magnetic Oside of Iron.-M. Sidot has communicated to the Academy of Sciences a paper "On the Artificial Production of Magnetic Oxide of Iron." This he does by introducing a small platinum disk, filled with colcothar, into a porcelain tube, situated in a direction parallel to that of a dipping needle. After keeping the tubo at a temperature a little below a white heat for about an hour, the colco thar will be found transformed into a gravish metallic oxide the particles of which are strongly agglomerated together. This mass possesses the property of polar magnetism.
American Rifles for Foreign Governments - We hear that the Remingtons, of rifle notoriets, have built for the Swedish government 30.000 of their rifles and nearly completed an order for 40,000 for the Danish goverment. It is said, also, by our informant, that the Chassepot, not proving all that was expected, the French government areabout to contract for a large number of the Remingtons adapted to the French rifles, the Remington breech being preferred.

The following professors of Cornell University have been elected: Rhetoric and Oratory, H B. Sprague, principal of State Normal School of Connecticut; General and Ag icul tural geology, Prof. C. Fredrrick Hart, of Vassar C:allege Botany and Horticulture, Prof. A. N. Prentiss, of Michigan Agricultual Collegr; ; Director of Shops, John L. Morris, of Ovid. The University opens October 7th.

The following is one of the many good things from Dick en's pen: "The first external revelation of the dry rot in men is a tendency to lurk and lounge; to be at street corners without intelligible reason; to be going any where when met; to be about many places racher than any; to do nothing tan gible but to have an intention of performing a number of tangible duties to-morrow or the day atter."

The Sicilian Railway Comuany not long since bought, in Catania, for the purposes of its business, a house two stories high, formerly belonging to the Jesuits. The workmen, in demolishing the walls of the building, found a cavity, within which were three human skeletons, still having the decayed fragments "f priests' cassocks clinging to them.

We have seldom seen more sense compressed into less pace, than is contained in the following sentence, by Josh Bulings: "I am lo adly in favor ov new thiogs, but I am op pozed to enny man, even wunov our colored associates, thinkin' he has diskovered a new truth jest bekause he haz, for the fust time in his life, stum oled into an old one."
The codfish has been flevated to the dignity of oysters and stra mberries, and is now canned for use. It is prepared by clearing it of skin and bone by desiccation. One Phila delphia concern puts up three tuns daily.

Tire safe of the Adams Express Company, which was sunk with the steamer W. R. Carter in the Mineissippi river about two $y \in a r s a g o$, has been recovered. It contained $\$ 230,000$ in national curren

The American Institute has decided to hold no Fair this zear. The want of a suitable building is the reason

OFFICIA1 REPORT OF

## Patents and Chams

Cssued oy the United States Patent Office.

for the week ending september $22,1868$.

Reported offcially ror the scientifc American.
Patents are granted for geventeen pears, the followin

of Canada and \#ora Scota pay $\$ 500$ on application.
Wamphletscontaining the Patent Lavos and rull particuiarsa the mode
of apply ng for Letters Patent, spec fy. ng $s$ szoor model required. and muc other nf ormation use ful to Inventors, may be hqd gratts by address $n$

82,248.-Rekd For Meledeon.-Rogers A Abbott (assignor






82,271.-CLAMP FOR RAILRADD RAIL,-William B. Atkinson,




 82 273.-Production of Gas, and Illcuminating Street ANDOTHERCARS.-Arthur Barbarin, New vrleans, , La.


 charge of sair arr 1s formed substantially as shown and descriled di: I clann. 1st. Connecting the parts, A and B, of the yoke to the hames, F, Dy
mennot the clips, G, constructed and attached to said hames, substantially
 ard as the leare the cilips, G, substautialy as berein shown and de.cribed
and for the purpoe set iorth.
4th Bending or eurv1! g the straight portinn of the part, A or B, which is

 woen said chan is used between the horses, as and for the purpuse spec 22, W5.cox, Corglar, Mich. Wilcox, Coruna, Mich.





 ter C. B. nn (assignor to himself L. L. Baker, and R. Hamilton), San Fran-
circo, , al
claim, 1 st, The stack or chimney. 1 , with the curve, a. as and













 h claim the ombination oftheswing seat, m, and uprifh tram, i, with 2,283.-Steam Generator.-H. G. Brooks, New York












 Tot th. The arrangement in the shell of the r , tary engine of the abutments. E
E, H, Henra chamber, C , and segmen s, H , substantially az set forth. S2,28U-H HF HEAD.-. Iobn D. Browne, Cincinuati, Uhio.
 82. 287 . Purpose described. Iclum the recesped lugs, a, of the face prate, A, in combuation with the
holing p ins or rivets of he case plate, B, in the manner suos tantially as aescr bed, a d dor the purp' se set forth.
$82.288-\mathrm{HAY}^{2} \mathrm{KACK}-$ Stephen Brownell, Irving, N. Y.


 S2,290.-Pruning and Hedge Sheafis - Lawrence Camp-

82,291.--Bhle Buckle.--F. Cląusen, San Francisco, Cal.


82,292.-H.ORSE RaKE.-Wm. H.Cook, Bridgehampton, N Y




 82.20.)-W WnDLass.-Augustus Day, Detroit, Bich. Antedat




 ranged and combined substantialy as suown and cescrioed for tiue purpose
sel forth. 82 297.--La TARERN.--Anthony M. Duburn, Cinicago, Ill. tht, The wre ring purpoet whec as stifi', ing, in combination with the

 gover, witna wirestreen, as und for thi purpo e e aescribed. 82,299.-Hand Saw -JJmes La. Emerson, Trenton, N. J.


 2.301. Covcre? E Block Makiva Machinf.-Owen V


 8~,302.-W Wrir Goad. - Frederick Flanders, Franklin, N. H.



 for the parpose spectied.
82,30 .). ISEDSTEAD FASTENING.-Chas. M. Gilbert. Philadel-


 82307. W IND WIEEEL- - B. H. Gondale, Newburyport. Mass

 82,309 . - Manufacture of Bromine from Bittern.-Gus


 the phrsical eff ctsof 1 ts hear, to prosuce tue desired eftrect. Joseph E












 82,314.-Centrifugal Maceine.- S. S. Hepworth, Boston
Ma.


 as set forth.





 82 315.-Prochss of Hxpracting Precious Metals from
 82,316.-Hay Raker and Loader.-William H. Hiteshew,


82,317. - Arranamment of Mechanism for Operating








 masid resede esesentialiv as berelin set forth.
$82,319 .-V$ VLociPEDE. - David Hunt, Jr., Worcester, Mass.

 with the chair seat, G , and itrame, D , substantially as and for the parposes
seet ftr, A velocipede, the parts of which are constructed and comblied toge-



 tially as deeoribed.






 $82,326 .-$ Hydrant. - Wm. Kearney, Union Township. N. J.
 ${ }_{8}$ described. ${ }^{2} 27$ STove.- J. H. Keyser, New York city.

 ${ }^{\text {tatantillly }} 82$ as descitive.




 8 said ratobet wheel. $82,330-$ SKMMER FOR Soraitum Evaporator.-J. B. Lewis,







 $82,333 .-\mathrm{CoFFIN},-$ M. R. Margerum, Trenton, N. J. Ante-
 the comn, substantially as above described and herelin set torth T enn.










 $82,339 .-G r a i n ~ S t o r e r .-R . ~ M . ~ M i t c h e l l, ~ F o r t ~ A t k i n s o n, ~$



 82,340--Spring For Wagon Seat.-John H. Nale and John


82,341.-CLoTHEs Press.-J. S. Nicholson, Anamosa, Inwa.


 substantiall we shown and described.



 , and the Hexibie draft chains or cores or straps, $\Sigma{ }^{\circ} \mathrm{k}$, substantinly , a the 82,346. MACHINE FOR CUTTING Screw Threads.-Denis























 herell set forthand cescribed Machine for Railloads.-Wm.D.










 and f5t the parpose specifed.



 32,355.- Cork Puller.-Geo. W. Schermerhorn, East Lim-










 82,359. - CARBDRETER.-Henry Slater, Covington, Ky.








 82, , claid 1 Bext, The arrangement and combination of a seris of


 82,364.-Sweats for Hats.-George W. Thompson, Brook-
 S2,355.- REFRIGERATOR AND SIDEBOARD.-John A. Thomp-

 82,366.-SEwiva-MActine.-Jeptha A. Wagner, N. Y. city.










 82,367.-Hames and Strap Fastener.-John B. Water-


 Ir








 as and for the parposes set forth. H . Wi isen, Providence, R. I.
 82, fori. Coun P. -Samuel Woodruff and H. B. Beach, Hart
 for the pur ${ }^{2}$.


 Thined eubstantially the them anoer set forth,





 ranged to operate substancially as set iorth. H. Bradley, New Yorls

 82,378.-CLoTHEs RACE-B. K. Breneman, Newport, Pa.
 82,379.-ConNECTING RoD.-Edward Brown, New York city.
 $82,380 .-$ SLED K Knee.-Benjamin F. Cady. Chittenango, N. Y.
 82,381. -LIFTING JAcK.-John Camp (assignor to himself


82,382- Ha Y P Preape, -Nathan Chapman, Milford, Mass.








 8r, $385 .-E q$. Eqalizer for Vehicles. - J. J. Connelly, Chi-










 ner idecin- COAL-MINNNG MACHiNE.-G. E. Donisthorpe, Leeds,
















 $82,395 \mathrm{~F}-\mathrm{PADDLE}$ WheEL-P. Emerson, Carondelet, Mo.
 82,3YG:-Brick Macirine.-J. A. Falconer and R. Graham,





















 82,404 . - - Manderive For Shearing Sheep.-Geo. Harsin and









 crimed.-Clotres Dryer.-A. S. Hopson, Plainview, Minn.




























 R2,416. - MANUFACTURE OF PAINT.-Wm. C. Hurd, New



 arred , as atb, to admit or a for ward extension of the connter, Bu bstantiany



 88,419. -Rooriva Cement.-John L. Kidwell, Washing.
thin

 or metalili thredients, substantially as describea and set forth. West
 the cilip, A, gs herem described for the purpose speetited.
 ${ }^{20}$ dib Thie diaphragm, E , and spiral spring, f, constructed and operated as de.

82,422. - Corn Planter.-John L. Leas (assignor to himself




 82,424 , - PLANE FIN For Cutting Blind Slats.-R. E. Lowe,

 82,4235.-DRIVING Hoopp.-Timothy Luce Le Salem, Mass. 82,426.-Cupboard and Table--J. C. Mack, Bristol, Conn.











 2,431.-Grain Separator.-Clark W. Mills and Lewis Si.















 er ation tog ether sibstant tally as abown add described. Francis S. Pease,






 82,440.- FASTENING FOR Buttons.-Alf red Rix, San Fran-


 82,442.-Window Shade Fixture.-Frederick A. Seborn,






 carbon, substantiall as above described.
$82.445-$ CHURN.-W. C. Smith, Yantic, Conn.
 as and for the purposes hereln set forth.
82,447.-TCMbling Shaft for ConNECTING Power wirg

 82,448.-Pegging Machine.-J. W. Soule, Boston, Mass.




 tarough the lever, $r$, and connecing rod, 8 , substantalally as suown and de
seribed.

 82,450 - CARRENTERR' Plane.-J. B. Tarr, Chicago, Ill. An-







82.451.- Harrow.-J. J. Thomas, Union Springs. N. Y.












 82,454i-CUMENT.-George William Upham, Amherst, N. H.

 the lether keys, ail as bertil shown and deseribed.

 88, , 57 - BEDS'
 82, , 58 . - LAMMP.-Charles Webber, and Henry Reimann,West



 that






































## REISSUES

46,699.-PICTURE CARD FRAME.-Dated March 7. 1865: Re-












 Staving ooe or more locking pinge, c. subustantialy as and for the purpose
 15,73.J-Harverpre-Dated September 16, 1856, reissue
























 40,571.-Rotary STEAM Engive. - D ted November 10
 substantally as epecified.
4,434.- Mancacture of Paprr Collars, etc.-Dated






 80,456- - Nutheg-Grater-Dated Julv 28, 1868; reissue


 the metal, substannally as and for the purpose deecribed.
25, 253.-F Faccer - Dated Augut 30,1859 ; reissue 3,135.-

 63,729.-Horse Rake.-Dated. April 9, 1867; reissue 3,13h









 .

DEEIGNS.
3.194.-Spoon Handle.-B. D. Deiderhase, New York city. ${ }_{3,196 \text { - Lower Portion of a Gokel) Skirt.-Thomas Do- }}^{\text {3. }}$ 3.197 to 3.199 -Stocing Fabric Pattern.-Thomas Do-

 Rathone \& Co.) Allung, - T Filiam Hailes (assignor to Juhn $F$ 3.207.-TRADE MAKK, - F. A. Hasenclever, New York city.
3.208.-TRADE MARE.-Joseph H Jessop, Cambridge, Mass.



## Inventions Patented in England by Americans.

[Compled fromthe "Journal of the Commissioners of Patent
PROVIBIONAL PROTECTION FOR SIX MONTHS.
 2.421,-CL
Aug. 186
2.565-E BARRLD,



2,621.-UNITING THE Ends of Railway Ratis.-Daniel R. Pratt, Worces-
ter, M ibs. Aug. 22 , 1868.


## 9 ATENTS <br>  <br>   










































