Messrs. Hecker and others throughout the country, is theacid constituent of Horsford's self-raising bread preparation and of the Rumford Yeast Powders, which have come into suc extensive use. In these preparations the properties usually lost with the bran in bolting, are restorel to the flour, greatly increasing its nutritive value.

## DOUBLE-WALL ICE PITCRERS

The following letter from Professor S. Dana Hayes, State Assa-er of Massachusetts, contains facts that should be read by all persons that have occasion to buy or use double-wall ce pitchers. Messrs. Reed \& Barton, the patentees and man ufacturers of the Seamless Lined Ice Pitchers, are the oldest and one of the largest and most celebrated manufacturers of silver plated ware in this country. The old lining, made in two pieces of different kinds of metal, and now in common use, renders water deleterious to health in fourhours, and in twenty-four hours sufficient poisonous metals have been dissolved to impart taste to the water. This result is surprising and it is still more so that attention has not been soone called to this source of ill health.

$$
\begin{aligned}
& \text { STATE AsSAYER'S OFFICE, } \\
& \text { tate street. Boston. Jan. } 23 .
\end{aligned}
$$

Messrs. Reed \& Barton, Taunton, Mass. Jan. 23, 1868.$\}$ Messrs. Reed \& Barton, Taunton, Mass
he corrosion of linincs for ice pitchers, and the consequen poisoning of the water, after standing in them
The lining, or inner chamber, of the greater part of the ice pitchers in common use is made from two different metals or alloys. As it is necessary that the bottom should be quite trong, to resist the blows from the ice when carelessly thrown in, this part has been made of nickel silver, copper, or other of britannia or " white metal," the two parts being soldered ogether and then silver-plated
The corrosion of this lining and solution of the metals in water naturally results from this mode of manufacture ; becaus these different metals, in contact, under water, form a galvan carrangement. If a silver coin be placed above the tongue and a piece of zinc below, allowing the edges to come in conact, a metallic taste will be perceived in the mouth, from the artionic action in these linings, only that it is and. And the at first.
Several of these linings, made as above and in common use ave been examined; some of them are very badly corroded, and it is noticeable that the solder has been first attacked. In ne of these a nearly pure water was left for several hours In 1 hour the water contedined
In 1 hour the water contained traces of lead and copper. In 4 hours the water contained 0.7 grain of lead and copper In 24 hours the water contained 3 grains of lead and copper. And, with a natural well water, this action is still more nergetic.
It is hardly necessary to tell you, that metallic poisoning is ne of the greatest enemies we have to contend with in the rugggle for life, and it is common knowledge that lead and opper are highly poisonous and accumulative.
have also submitted your new patent lining to careful out any seams, or soldering, the bottom being strengthened on the outside. There is no galvanic action here.
Analyses-This lining was nearly filled with the same water as the other, the temperature and all other conditions being the same in both cases. After standing for forty-eight hours the water did not contain a trace of metal. It was then oiled ime but it was arill hour, and analy twice during kind.
It is certainly fortunate that you can make these linings rom one piece of metal, to take the place of the others, as a safe ice-pitcher is a great luxury.
S. Dana Hayes,

State Assayer of Mass

## Polishing Powder for Gold Articles.

Dr. W. Hofman has analyzed a polishing powder sold by gold workers in Germany, which always commands a very high price, and hence, it may be inferred, is well adapted for the purpose. He found it to be a very simple composition, being a mixture of about 70 per cent of sesquioxide of iron and 30 per cent of sal-ammoniac. To prepare it, protochloride of iron, prepared by dissolving iron in hydrochloric acid, is treated with liquid ammonia until a percipitate is no onger formed. The precipitate is collected on a filter, and without washing, is dried at such a temperature that the adhering sal-ammoniac sha!l not be volatilized. The protoxide of iron precipitate at first becomes charged with sesquioxide.

## The Steam Man

This automaton, which has furnished a number of paragraphs for the press, is on exhibition at 538 Broadway, New York city, nearly opposite the site of Barnum's Museum ; but owing to some objection on the part of the owner of the hall, he is not permitted to " travel on his muscle," but is hung in slings and merely " marks time," as our military friends would say. We understand, however, that his managers have decided to test his powers more effectually, when we shall probably have more to say of him

Electrical Jewels.-One of the latest Parisian novelties is a scarf pin for gentlemen's wear in which a curious application of electricity is introduced. The pins are finished with imitation human heads the eyes of which are made to open or shut at the will of the owner. The electro-motor is a simple voltaic element of zinc and carbon, or zinc and platinum, the whole being inclosed in a small brass case conveniently carried in the vest pocket. The carbon is fixed in a vessel partly filled with a solution of sulphate of mercury and the zinc is attached to the lid of the case. No electrical action is generated as long as the case is carried perpendicu larly, but if laid on its side a current is formed.

OFFICIAL REPORT OF Patents and Clams

Issued by the United States Patent Office,
for the week ending marcii $10,1868$.
Reporte oflcially for the Scientific American.
Patents are granted for seventeen years, the followin ing a schedule of fees
niling each caverat.
a appeal to Commissioner of Patents
u application for Leissse of Patents
n a application tor Extension of Pateint

n Hling application for Design (seven years)... .
In addition to which there are some small revenue
of Canada and Nova Scotia pay $\$ 500$ on application.
Pamphlets containtng the Patent Laws and full particulars of the mode of applying for Letters Patent, specif ying size of model required, and much other information useful to Inventors, may be had gratis by add
MUNN \& CO.. Publishers of the Scientitc American. New York.

5,234.-Boat Dettaching Block.-Nelson B. Adams, San

 a whole constructed, combined and operating as a detaching apparatus,
nbstantially as and for the purposes herein described.
$75,235$. LEAKAGE MEASURE, ALARM, AND
Indicator.-






 case, A, substantially as describet.
75,236.-FLOOR CLEANER.-Abraham Armstrong, Newburg

Th, claim - CoLTER combination of the plates or disks, C, colter, B beam, Ahe I claim the combination of the plates or disk88, C, colter, B, beam, A, and
oothe, substantially as desceibed and for the parpose specited.
5,238 . APPARA'TUS FOR BURNING CRUDE PETROLEUM.-
 ortion of the heater, and used in combination with the same, substantial
sand for the purposes set forth.
2d, The refifoctor, t , as arranked with relation to the heater, when used in

5,239.-Bolt Threading Machine.-Wm. B. Bement Philadelphia. Pa.
I claim, Ist, For opening and closing the dies while the machtne is in ino
on, two or more cranked or eccentric spindies, 7 , each carrying a toothe


 thth, The within-described lever, spring pawl, and rack, arranged for oper-
ting the slidiug head or plate. substantilly as set forth. 5,240.-Process of Purifying Iron and Steel.--John F.





sho wn in the drawings. Preserving Egas.-Joseph Brakeley
75, $242 .-M 0 D E$
OF Bordentown, N. Y.
claim the preservation of eggs of hens or other fowls in the manner sub
tantially as set forth above, that is to say, by drying them within their nat 5, 543 integument. ${ }^{\text {Brick }}$ Carrying Car.-John K. Caldwell, Pitts I carg, Pa. . . A series of tables, b. resting and turning on recesses in the sup
orts, a, in a brick drying car, substautialy as and for the purposes set forth
 arposes set fortidition of the tables, $b$, supports, a, ledges,, , inclines, $c^{\prime}$, and
sd, The comotiation
enons, e, in a brick drying car, when constructed and arranged as and for 75,244.-LETTER BaLANCE.-Benjamin Chambers,Jr., Wash-
 reibe and covered, the covering plate at one end being pivoted, whereby
the knite edges are kept in place, and can be readily removed when it is re
uir to remove them.
75,245.-PRocess of Deodorizing and Refining SacchaRINE AND OTHER FLUDPS.-William Clough, Cincinnati, Onio.
I clamm the process of refining and deodorizing saccharine and other fuid (75,246.-Rocking Chair.-C. W. Conant, Gardner, Mass.


 the purpose described. John F. Crabtree and Wm. N. Crab

 75:249.-Device for Raising and Lowering Window SAsHES.-JohnD. Cramer, San Francisco, Cal,
I claim the combination and arrangement of the several parts of my de-
rice, namely, the recess, A, with the slottet iplate, B, and the plate, D, conVice, namely, the recess, A, with the siottct plate, B, and the plate, D, con
nected to the staffic, by tue curved pieece, stubstantially as described.
75,250 .-HAME.-Benjamin Crawford, Allegheny City, Pa.


 75,251.-CloTHEs Dryer.-H. Du Bois, Marlborough, N. Y latches, a, a, and springs, b b, with the central polygonal, shaft, A, arranged
and constructed substantialy as aud for the purposes hereiu described and


75,252.- - Machardene Medrord, For J. Distributiva Fertilizers.-Jesse



 mento, cal.

 75,255.-HAY K NFFIC.-Green Fenton, Streetsboro, Ohio




 orm a receptacle for mat ches, in the suan muner the lol tatter in ints sockiet, and also











 75,260 . - KNITrTMNG MACHINE.-Guy P. Fuller, Adrian, Mich.

75,261. - Miliing Machine.-B. F. Graves, Groton, Mass.
 aronowes specitited.
75,262 . $\rightarrow$ Mop.
mode of Attaching Animals to Carriages. -








 $5,265 .-\mathrm{Invalid}$ Bedstead.-Wm. Heath, Bath, Me.



 ,
er described.
 sed as above set forth.


 or
75,270 . - UAR



 5 , 272. .- MANUFACTURe of Acid Phosphate to be Used in




 5,274.-Baby Creeper or Walker.-P. H. Hurd (assignor Ito Clara Hurd and $\mathcal{E}$. D. Horton, Croton, , Mich.
 5,275 -Closing Frutr Jars.-William M. Imlay, Phila-


 75,276 - Gate.-J. L. Janewa, Flemington, N. J.



or boulders, or their eruivalents, arranged substantally in the manner and
for the purpose set fortht
ad. The efiecting patat, $D$, in combination with the furnace, constructed
andecribe as described, substantlally as and tor the purpose set forth.
775, Wri.
WockER FOR CHILD'S CARRIAGE.-A. D. Juelson,



 75, 280 .-Locomotive En.Gine.-S. L. Langdon, New Orleans,
 plates, J. or their equivalents, formed on the cyllinder, one head or which is
rigidity secured to the fre box, substantially as and or the purpobes set
forth
75.281 .-LAMP-wICK
 75, 282 . - Honss HAy Fork. -James E. Lobdell, Center

 75,283.- STMEAM ENGINE.-J. L. Lowry, Pittsburgh, Pa. An

 as herein described.
F5, Ant.-PUMPING ENGINE.-J. L. Led Feb. 24.1868 .







 described, so as so admit of their reversal when woin.
75.288.- MAACHINE FOR MARRKNG GROUND FOR Planting.
W. R. Mckinley
 structed, and arranged as shown and described.
75,289 . PRoCESS OF TREATING GoLD Bonion
, Pud Reflne it.-F. B. Miller, Sydney New South wales






 75,291.-STOVEPIPE CLEANER, J. J. W. Mortimer, Peoria, Ill.
Iclaim a stoveppe cleaner having disk, Iclaim a, stoveppe cleaner having disk, $\Lambda$, arm, B, rod. C, and washer, D,
eonsiructed conlined, and operating substantialy as and ior the purposes
hereren cpecitied. hereln specitied.
75,292. MANUFACtURE of Elastic Ronls.-Joel Moulton,
Boston, Mass.



 ous manner herein described.
ad, in the roating proees or or or tailings.,the use of chloride of iron,
oonper, or masnesiun, and of hypochlortes or an alk kine, earthy, or metal-






 4th, The a apparaitus, B,composed of the apparatus, a,tank, b b b,and strainer,
h, arragedtaethend overating as specified.
$70,295 .-$ PENSTOCK FOR UNDERGROUND DRAINS.-David A.
 B B, arranged substantially as and tor the purpose herein described.
75, 2 he. - STEAM GENERA'TOR.-Patrick Quinn (assignor to
himelf and C. R. Paul), Newmarket, N. H.






 75, M29.- Yoke For Honses.-E. Sanford, Meriden, Conn.




 75,301. - STEAM AND WATER PACKing.-William C. Selden,

 3d, Saturating packing with tallow to accomplish the purpose specifled.
$75,302 .-$ METAL TOP FOR LAMP CHIMNEY-F

 sheet-metal cone, tor the purposes and substantially as set forth.
75,303. -CLAMP FOR FORMING SHEET-METAL CONES.-F. I Seymour, Wholcottville, Conn.
I clam, Ist. The clam for sheet-metal cones, formed of the cones, a and
locked toecetier, as and for the purposes set torth. ad, And, in cor, bination therewth, the sle sleve
abstantilly asand for the purposes set forth.

 lving actuating shaft, operating substant and dirpose set forth. - James Shaw, Ballardvale, Mass.
 purpose set forth.
75,306.- SEAT FOR HARVESTER.-Edward A. Smith, St. Albans, Vt, assignor to himself and John w. Newton.
I claim the seat for mowers rer reapers, formed with sockets on the under
ide the seat, reeelvinw helical or spiral springs, in combination with the socbets on the arown piece or seat supporter. and with the connectiug ink, i,
substantiallv a a and ior the purposes set forth.
75,307 Fiour BoLT. Scot A Smith (assignor to Cresson

 re the box contaning the same, and operated substantially in the manner
herem set orth and for tine purpose spectiled.
5 F0s. APPARATUS FOR CHARGING GAS Retorts.--James
 2d, Asiding bottom, F . In combination with a scoop, C , substantially as
 4th. The wheels, $t$, in combination with a scoop, $\mathbf{C}$, tor the purpose de-
scribed.
75,309.-PA PAEMENT - Charles W. Stafford, Saybrook, Conn. Iclairn, 1st, The arrangement of the oblong qlorks, decreasiny, in depth
rom the center to the sides, so as to form a camber in the street, while




 nd capstans. W, for ralsing and depressing the plows, substantialiy
herein described.
3d, operating the plows, when moving in a horizontal plane, directly from
hee envine by the belt, b, or an equivalent device, substantially as de 75,311.- W ASSSTAND.-A. Stankowitch, Philadelphia, Pa. relam a water reservoir, $H$, secured to the lid or a wasistand, a y in o o ar
anyed as bo be received by the basin, $G$, when the lid is closed, all substan
ailly as described. 75,312 .-Soldor for Aluminum.-Alfred Starr, N. Y. city 1 clam the compound or alloy specined as a solder for aluminum.
5, $313 .-F L U D D ~ M E T E R$. Challes Stein, Philadelphia, Pa.
 5.314.--MIDDE of SECURING THE Ends of Fellities and
 and applied and secured by the bolts, d d, as explained.
75, B15.-DEVICE For PrevenTING WATER PIPES FROM
BuRsTiNG.-R. H. Smith Thompson, Georgetown. D. C.


 5,31ฑ, D, Labstantinily as and for the purpose set fortul.
son. Iowa. son. Iowa.
I claim. $\overline{\text { st, }}$ So combriung a hinged cone. D, extinguisher or cap, B, and
coiuecting arm, ©, or ts equivalent, that the openiug of the cone will re nove the extinguisher from the wick tube, substautially as hercin specifle
nd
nd set forth.

 sth, In. comblnation with the cone, D, hingedas described, and the arm, E,
atranged in connection therewith, substantiult as deecribit, a stop or rest
and

 arranged to operate substantially in the manner herem set tortli
, 318 --WIck Regulator.-Edwin J. Toof, Fort Madison,



 I leans, La. device herein described. to wit, a section or piece or wire, s ,
tormed as to be provided with the loop or eye, C , and the nooks, B and B as herein described for the parpose set orth.
75, 320 . Maciner For Making BUTr Hinges.--William H.

 75.321.-Ввр Вотом.-Henry B. Walbridge, Toledo Ohio


 75,322-- ADDING MACHINE.-C. H. Webb, New York city.






 75,323.-Self-Oiling Hub for Pulley, etc.-David M Weston, Boston, Mass,
I clainm, st, A Aloose wheel or pulley, having its hub provided with the
chamber,
constructed and opening, E, with the partition, h, or its equivalent, when
 75, Whit.-Gate and Door Spring.-Benjamin F. Whitaker














 chind jib application of granite rollers in the mannee and for the purpose






















 of acid phosphate of lime mixed with farinaceous matters, substantially as
above described.
75,334 . Granulating Acid Phosphates.-Geo. F. Wilson,

















 75,338.- Processs of Treating Acid Piospiatese rin the
 with f
torth.
tol
tin.





 75,340.- EGG Beater.- Sylvanus C. Wilson (assignor to



 assignor to himself and Solomon P. Smith, Waterford, N. Y. York city





 the eurposesesset forth
75 , 344 .
HYDRT.-T. R. Bailey, Jr., Lockport, N. Y.


















 Fhen constructed and used as set forth.











































 the same sibstantially in the manner and tor thepurposes herein shown and
describe.
75 Lamp Burner.-Geo. J. Capewell, West Cheshire

 55,364io-ANGULAR Shaft Coupling.-John M. Case, Athens,


75,365.-Insulator.-Alfred H. Castle, Ann Arbor, Mich.






 75, kee, Wis.


 75,369.-CLAMP FOR SCRUB BRUSH.-Charles B. Clark, Buf-
 55,370-Raitway Chair and Fastening.-Dominicus N.


 ith the rails, A , and sleepers, B substant themly as ha herein show ad



eet torth. - Lock for Fruit Boxes, etc.-Charles Colby, Mad


 Ins or rests, n n, tor the bottom of the box, substan tially as set forth
 75,374.-W Water Closet Valve.-William S. Cooper, Phila-


 the purpose specified. closet.-Wm. S. Cooper, Philadelphia, Pa.

 nd for the purpose above set torth and described.
$75,376 .-V$ ALVE Cock. $-W \mathrm{~m}$. S. Cooper, Philadelphia, Pa



 75,378. - Creaser for Cloth.-W. J. Crane, Carbondale, Pa
 75,379.-DESK AND SEAT.-Robert Cruikshank; Lawrence






75, 3881.-Umbrella Runner.-Anthony G. Davis, Water-

 75,382.-Cribbing Preventer.-Benjamin J. Davis, and

 75,383.-Harvester.-John S. Davis, Tiffin, Ohio







75,384.-Windmile.-William C.Day, Mohawk, N. Y., and



 and for the purpose herein shown nad described.
75,386 . GR AIN DRER.-Uulius De Bary, Offenbach, Germa-








 $\underset{\substack{\text { scribed } \\ 4+\mathrm{h}, \mathrm{A}}}{ }$

 in culting offs substantiolly as deserribed.
75,388 . - CARD-SETTING MACHINERY.-Thomas A. Dickin



 ment and flling of the door proper. as set forth
7,390 .-LAMP SHADE -T. B. Doortile, Bridgeport, Conn.




 and operated substantially as herein shown and described. Bordentown



 5,394:-Printing Press.-A. A. Dunk, Philadelphia, Pa





 75,395 .-ANVIL CUTTER.-Valmore A. Dunn,West Peru, Me
 as above set forth and described.
75,396 . SASH BEAD F FASTERER.-Daniel W.Dyer, and James
 aither or both, and casing A, as and for the purpose herein set forth.
75,397 .-SEAT FOR VEHICLE.-Walter A. Eddy, East Ran.



 ig5l, as herens Wown an. spocilied. Ellis, Auburn, N. Y.




 he puopose specitided. MACHINE.- Moritz Fiedler (assignor to him-
 Sribed.-ConN HUSKER-Charles Ford, Forest city, IIl.
I claim, 1st, A serrated feed hard roller, H, and rubber rolerer, , , osed, as








 75,404.-Manufacture of Vineqar.-Andre Foubert, New


75,405 .-MAchive For Coiting Springs.-3 ohn Freeland and



deaeribod. Fabric for the manufacture of Hats, Cars



 ${ }_{75}$ litans as ase forth.



















 75,414








 ${ }_{75}$ aratige das deacribed. ,









 tho dityose



 75,425i- Chiotines Wringer.-Robert B. Hugunin, Cleve-

 75,466 , frerrepopriva AND STARTING CARS.-C. S. Hunt, Parish


75,427.-Liffer and Tongs.-John Hyslop, Jr., and Charles

 75,428.-Machine for Shaping the Sole of a Shoe.-Jos.












 Mhen , os,
 ,







































 .ind




75,466 - Window Sinade Fixture.-Jacob B. Moore, New














 5,148 . - Usspenning Scale Pan.-Richard Murdoch, Balti



 75,450 , - Hay Raker and Loader.-W. T. Nichols, Rut-
















 55,457.-Machachine for Roluing Axles.-Wm. P. Porter,

















 7, 453. LA LATE For Thrinin Butrons.--D. C. Robie (as:






 5,464- Basir Fidiceri.-Robert P. Ross, Bethlehem, Pa.









 75,467.-Lasp.-Lewis J. Sagendorph (assignor to himsell

 75, 468 - -Machine for Carbuertira Arr--James Sang


















 75 ,



















 Liancaster. Pa. Aitonal printing process,substantially in the manner spo ned, 483, -Lamp Bunver - C. St. John, Charleston, Mass.



























 75 ,994.-A ATrachirsa Hossessoc.--John Wagner, Washing-










 75, Mass








 75,501.--CAR Bpecified. Bre.-James White and Thomas Lingle



 an made endo ove




T5,52.- Bribes.--T. B. White, New Brighton, Pa.

$75,503$. .Hor Drysi.-Jonathan Whitney, Fort Winneba-




 75055. Whatru Case - Gill J. Willson. Reading, Pa.


fr,







## REISSUES.

2,891.-Folding Chair--Benjamin J. Harrison, and James























2, 896 .-TRELLIS FOR SIRA WBERRY AND OTHER PLANTS.-
Wm. Wilox, Midletown. Conn. Patented Aug. 27,1867 . I claim a trellisox, made made butantian. Paten describect,
posts, e, and branching arms, $\mathbf{c}$, or their cquivaleut.

## DESIGNS.

2,947-Hoor Skirn.-Charles S. Chaffee and Charles H

2,948.-Ax LabeL.-James H. Mann, Lewistown, Pa.
2,949.-REED ORgAN Case.-John Sclatz,New Haven, Conn. 2,949.-Reed Organ Case.--John Sclatz,New Haven,Conn.
2,, 550 .-Trade Mark.-Junius Schenck, New York city.

## PENDING APPLICATIONS TOR REISSUES.

 pplication has been made to the Commissioner of Patents for the Reissue ofthe following Patents, with new claims as subjoined. Parties who desire to oppose the grant of any of these reissues should immediately address MUNN \& Co., 37 Park Rov, N.
[ISSUED FOR WEEK ENDING TUESDAY, MARCH 3, 1868.] 20,647.-Gang Plow.-Don Carlos Matteson, Stockton, Cal.

 1 furtier clain the gage wheels and irons, v v , and the axles, w , arranged 9,896.-LAly in the manner as ana tor the purpose set forth.
, Han
Taylor.



 3d Making the cap piece or burner adjustable, relatively, to the wick and
wick tube, substantin1y as deseribed.
19,896 .- AMP.-P. Hannay, Washington, D. C., and Hudson






 65,168.-VEHICLE. -The American Hard Rubber Wagon

 5,168. - VEEIICLE. - The American Hard Rubber Wagon

 ,

 frame or parts thereof or not.
$25,209$. A
Mass., assignee by mesne assignments of Hippolyte Monier, Paris, France. Mass., assignee bymesene assignments or Hippolyte Monier, Paris, France,
Dated Auyust 23,1859 Application for reissue received and filed February 25,1863 .-Division A.
I claim, st, Theconstruction of the argand burner, with its grate, a, and
Iternal tube, b, ot clay, porcelain, or other incorrosinie. refractory, non-

 25,209.-ARGAND GAS BURNER.-M. H. Collins, Chelsea,

 upper part tapering towards the toon, suostantially as described.
63,486 - SAW.-Henry Disstion (assignee of Charles Disston),


 in the projection or in the blade, subsiantially as specitied. N. Y. Dated

6ri,580.-Medical Preparation.-Charles L. Lege, San An-
tonio Texas. Dated June 11, 1867. Application for reissue received and



 described.
$67,469 .-L U B R I C A T O R .-G . ~ W a t e r s, ~ C i n c i n n a t i, ~ O h i o . ~ D a t e d ~$
Angust 6, 1867. Application for reissue received and fled Feb. 7, 1868.

 (iass reservir.
Allo, alubricator, consisting of a glass reservoir, A, attached to the tube,
described. of the socket, C , and elastic packing, B, asand for the purposes

[^0]
[^0]:    F Note.-The above claims for Reissue are now pending before the Pat.
    ent onlce and will not be oflicially passed upon until the expiration o/ 30 ent oflce and will not be oflicially passed upon until the expiration o/ 30
    days trom the dateof flling the application. All persons who desire to aays trom the date of fling the application. All persons who desire to
    oppose the grant of any of these claims should make immediate appli-
    cation.
    

    Inventions Patented in Eingland by Americams.
    [Compiled from the "Journal of the Commissioners of Parants."]
    PROVISIONAL PROTECTION FOR GIX MONTHS.
     408.-Sewing Machine.-Thos. A. Macaulay, New York city. Feb. 6, 1868. 408.-SEwiNG MaOHine.-Thos. A. Macaulay, New York city.
    42.,-Lock.-Charles H.Eifler, New York city. Feb. 7. 1868. NEW PUBLICATIONS.
    Life in the West. 360 pages. Price $\$ 2 . \quad$ S. R. Wells, publisher, 389 Broadway, New York The author of thiswork, N. C. Muler, was for many years a correspondent West. herelates in a very entertaining series of chapters the progress of setlements and anecdotes of the pioneer settlers. He also describes in a
    graphic manner the Mississippi Valley, and presents hints and suggestions o persons desiring western homes, giving a list and the location of the land offces. It willbe found a useful as well as interesting work to all
    contemplate securing homesteads in the vast regions of the west.

