## the atlantic cable.

A correspondence has just been published by F. N. Gisborne, in relation tothe origin of the Atlantic Cable, the conception of which, he states, washis, aswellas a great part of the labor required before capitalists would even take the matter into consideration. We think the statement of M Field is, that mainly through his perseverance the enterprise became a sucsess
It is announced that a submarine cable is to be laid next year, connecting the coast of France with this country. It is in the hands of Mr. Erlanger, the celebrated banker, and Mr. Reuter, who enjoys considerable notoriety for his sensation telegrams.

## PLANCHETTE.

We have received a large number of readable communications, claiming to explain the inysteries of Planchette-fair examples of which have already appeared in our columns. The whole discussion, thus far, is chiefly speculative, always tending to religous and spiritualistic notions.
We fail to discover any substantial henefit to be gained from a continued discussion of this subject. We therefore drop it until some more reasonable explanation is put forth. We never did believe very much in the operations of ghosts and spirits, therefore it is hard tor us to conclude that the little three-legged stool, provided with a pencıl, and called "Planchette," has anything whatever to do with spirits. It is simply an amusing plapthing.

OFFICIAl REPORT OF

## Patents and Chaims

Lssued by the United States Patent Office FOR THE WEEK ENDIN JOLI 28, 1868.
Reported offcially for the Sctentitlc American.
Patents are granted for seventeen years, the following



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In addition to which there are some small revenue
EP Pamphets containeng the Patent Laws and full \% articulars of the mod
of applying for Letters Patent, specifying sze of model requrred, and much other information useful to Inventors, may be had gratis by addressing RUNN \& CO.. Pubr,hers of the Sc,enuitc American. New York.
80,294-Needle for Knittina Maciines.-Ransom Allen,
 80,265. - STEAM GENERATOR.-Jonathan Amory, West nox-

 scribe.t.—Silutter and Window Fastening.-W m.L.Barnes,












 80,270.- TUCK CREASER FOR SEWING MACIIINES.-Edward
IBostock, Albay, N.
I claint, Ist. the coinbination with the tuck creasing devices, ot a sliding










80 273..- Boot Soling Machine.-Thomas Cabourg, Paris,

 80,274.-Freming Seine.-John Collines, Ecorse, Mich I tedated July 18, 1868 . an the the braces marked A A, as abo
дet, substantially as and for the purposes herein described.

80,275.-Coat STovE.-J._ John Cooper, Dublin, assignor to










 $80.279-$ Furnice for Treatina Ores.-Samucl H.Folsom,

























 sibstritily as and for tre purpose specifed. William C. Kneeland Ilerall as an an articiel or manuaracture a ciggr made with a cut-tovac ic. 288 - Fruit Picker. - John A. Knight, Durham, Mc.






 ite esameright ine, constructed substantially as aind tor the purpose berein
beior descrivect
80, 292.-Rose Engine Lathe.-ThomasLippiatt, New York



 henein specified.

4h, Thie combination of a pen, reservoir, and properly







 ,cingsub btantalaly such as serewn specined and set forth
80,294-Still for Hyproca bbon.-Charles Lockhart and



 $80,205 .-$ Booti. - Benjamin F. Lotridge. New York city



 30,297.-BuTrere DIsH. - William W. Lyman (assignor to





 I Masim. anelastic screw thread, substantally as described.
80,300 . - CANE SEAT. George W. Martin (assig
nor to himself
 80,301.-Porta
 80,302. -1. AMP.-Per









 mose asspeciifed.
$80,305 .-H A N G I N G$ FOR GATES. - PeterRasar and D. J. Mayes,
 30,306:- SMUT MILL.--Richard Redficld and James H. Red-

 80,307.-Measurina Faucet.-Thaddeus S. Reeve, Chi














 8 , 810 , 10 Thill Codpling--Clark Robinson, Fox Lake, Wis


 80,312io--Bed Bottom.--Isaac N. Sheets, West Jefferson,
 80,313.- BorLER FLUE PLUG.-W Wiliam M. Sinclair, Balti



 3d, Secaing a aliass mold board to a plow frame, by means of clamps, ab
orther
thiv
 80, ,isis, - Vt. $C$ ULINARY APPARATUS.-Volney M. Thomas, Bran
 as an tor the purposes herein set ior th. Waterman, Chicago, Ill.
 as nerevin described. MILL.-Edwin Watrous, Mystic River,


 80.318.-Foundation for Fences.-Thomas W. Welch and

 manjer and for the purpose her in see forth. -Joseph L. Wetherell,
 $\frac{110 e d}{80,320-\text { Mass. }}$ Railway Chair.-Willian Wickersham, Boston,



 80, sadi.-Ottoman Lounge.-George H. C. Williams, Chi-


















 andoprated as and for the purposes described.





 $80,334-$ TABLE COTLERY. - William Clayton, Bristol, Conn.











 cribed.
$80,338 .-S A W_{i n g}$ Maciine.-Henry A. Dauiels, Thomaston,
Cond






 80,342.-Evapora Tor.- N. Evinger, TerreHaute, Ind.




 80,343 .-Clasp for Hoop Skirt.-Louis Fellheimer, New





 80,346.-ScafFolding.-J. W. Glover, William B. Orner




 0,349-HA MD PUNCH-J. D. Higgins, Greenville, Conn.



 80,351.-BOLT C TTER-HEury Howe, Oneonta, N. Y.








 80,356.-S SBSoIL ATTACHMENT FOR Plows.-J. C. Leonard



 Coneautvilie, Pa. Pa, ino and arrangement of the improved mold for buillaIn




 80,3bil. Smux Machine - E.McLane, Young America, Ill.
 titlly as and tor the purpose set forth. .






 and
and deocribed
Grive. Iownce Post









 80,369--Door Lock- - John G. Spathlef, Sandusky, Ohio.



80,371.-Ruffling Attachment for Sewing Machines.-












 80, Mran.- RIBBBN, RoLL CliP.- Marcus Brown Westhead,




 80 orspeciaed.
多,378.-CRA YOy Holder.-Rufus Wright, New York city









 80,382.-MACHINE FOR MAKing Wooden Trays.-Henry
 novement, substantally as and for the purpose rescribed.






 Ineai, Canton, Masse. and combination ot traction spris with the tread






 80,386.-Drill Holder.-Charles Burleigh, Fitchburg, Mass.








 Iowa, assignor to timself, Cbaries B. Clark, and Henry R. Clark, BuIalo
 80,391 . FERRY Bris inew James A. Clark, New York city.
 Co, 399 ? -BLIIV SLAT Tenoning Machine.-Mil'n W. Clark,





 80,303.-Rallroad Car Stove.-M. J.Clark,New Richmond,


80,394 .-Stobble CCotrer.-Isaiah B. Conklin, Baltimore,
 80,395.-Bee.Hive.-Samuel Cuplin, Iowa Falls, Iowa.



 8 poses specined.
 A, subbsiatialy as and or the parpoge set forth
90,398 . APPARATUS FOR COLLECTING AND SEPARATING

Georgetown, D.i. . 1 .inement of the separatiog chambers, , in such man





 Fithitis stem, T.ant hand te K, as nerein no swand deacribed. Eiswald,
 as hown and deseribed,
80,401 .-A ApPARATUS For Sealing Fruit Cans.-T. M. Fer-


 80, specitled. Governor.-J E. Gillespie (assignor to himself and


 forth. 8 , Ga4.-GAS MAchre.-David M. Graham, Evansville, Ind.




 80,405.- GaNG PLow.- Smith Graham, Fennimore, Wis






 80, , $09 .-$ WATER METER- Abraham Heaton (assignor to him-










 80,413.-Hydrocarbon Burner.-Samuel P. Legg, Spring-


 80,414.-Opening and Closing Shutters.-Carl Lehnert



 80,46.-Corinct STove.-J. W. Lowrey, Dayton, Obio,
 serimed.
$80,47 .-$ Ratilead
NeF
Zealaud. Hicitataine










 vices on the engioe, all as and for the por pose set orth. Meinhardt, Altoo

 80,42, - ATTACHING BELLS TO THEIR Yokes.-George R



 80,424.--FASTENING FOR SHIRT Colla
 80, des5.--VELDOCIPEDE.--Harvey A. Reynolds, Brooklyn,N.Y









set orth.-FIRE KindLer.--Verlin G. Tansey (assignor to him-


 80,431:-STEAM Generator.-William R. Taylor and James






 set fortb.-Washer.-John A. Way (assignor to The Darrow
$80,355 .-$
 80,436 - THERMOSTAT.-Charles A. Wilson, Cincinnati, O.
 80,437.-SMone-Stack for Locomotives.-Jearum Atkins,

 80,438-M METHOD OF KEMOING CARRON FROM GAS-RETORTS


 80,439--Fafm Gate.-George W. Blackwell, Lebanon, Ind.
 caich on post by the spring, $y$.
80,440- EqG-BEATER - Lewis T. Blake, New Haven, Conn.
 80,441--Sheet-Metal Lining for Bath-Tubs.-Charles
 80,442. -Horse Har-Fork.-George W. Bowlsby, Monroe


 80,443.-MACHINE FOR CuTtiNa AND Assorting Broom





 80,444.-Privting-Press.-William Braidwood, N. Y. city.


 80,445.-Elevator. - Philipp Brand, Sprin field, Ill.

80,446.- Lamp for Destroying Insects in Trees.- F
 80,447.- WATER.ELEVATOR.-G. H . Bristol, Romeo, Ill






 80
Mich.
4in
 80,450 .- Track Clearer for Rallroad.-S. G. Cabell


 80.452.-Telegraph Instrument. - Paul Antoine Marie

 Nardoes gize forth
 the proportions substanually as specitied ${ }^{\text {the }}$. Clark. Buff alo. N. Y.


 manapor and for the pur pose speeinilim B. Coates, Philadelphia, Pa.


 00,456.-NUTMEG-Grater.-J. L. Coles, and D. H. Coles,

 80,457. - LUBRICATING Device. - Frank Colligon, Buffa
 int cup. D.substanalily as and for the purposes described.
 80,459-A AGEING AND PUHIFYING SPIRITS.-Jamcs M. Crafts,



 ABsis.for the impovement ot the liquor, conf ning it in a close vessel, and ono to the combination or the easeme, and the pappicitation of ozone or anto 80,460-MAAUFACTURE OF FILES AND RASPS.-Frederick C
 2d che new article of manuracture namely, fles and raspe, made by the
orocess substantially a morein dCscribed. 80,461.-STEAM Safety-Valve.-Owen R. Davis, Lewiston,



 80, claim. 1 Conse A corset, formed from a felted material, substantially as I claim. 1st. A. Acorset, formed from a felted, material, substantially as
 80,463.-Electro-Magnetic Engine.-Alexander John B.




 80,464-METHoD OF Forming Lhisp Tubes.-T. B. Doolittle
 80,465.-Packing for Car-Axles and Boxes.-Samuel R.



 80,467. - Maching For Turning Irregular Forms.-Har

 80,468, Hor the purposespecited.
town, Wis. Iclaili, a hoop-pole cleaner, rosere, and trimmer, constructed to the manner
nd torthe purpose suossandially a
nerein 9 peci ided. 80,469.- AdJustable Filter for Faucet. - Henry G.


80,470.-Brick Macinine.-R. M. Gano, and R. S. Miller

 80,471.-LUBRICATING CompoUnd_-E. F. Gerdom, and C.
 mo, incr
 herein shown, and tor the purpose drtscribed.
80, 477 - Hanging EAVES Trougir -II. M. Gilbert, and F Elber son, Ada, Oh10.
We claim the combination of the fixed brachet. B, with the adjustable
clamp, c, and brace, $D$, when arranged ana operating substantialis as de 80,474.-Valve.-Adam Good, Jr., and Simon Strouse, Ti
 operate substatialily y acdcscribed.
80,475.-. Boring AND DRILLING-MACHINE.-John Goodin
 80, B7ti. - DAMPERER. -Wpilliam Hailes (assignor to J. F. Rath

























 D, and
80,485.- RUBBER HEAD FOR PENCIL.--Samuel D. Hovey,
Brooklyn, N. Y.

 80,487.- KoTARY STEAM Engine.- Edwin W. Jackson,




 sct fort.1.
80,489 - Wagon.- George W. Janvrin, Great Falls. N. H.
 2d, In combination with watons, the wheel bevels, with their correspond
ing bevel wheels, when constructed and ar ranged substantlally as snowil and
discribed.


 bott onn, whe nc onstructed substantially as described.
$80,490 .-1 A^{\prime}$ T- Henty Kellogg, New Haven, Conn. Ante-
 ing trame or torm, substantially as cescribed.
\%0,491.-HEAD BLOCK FOK SAW MiLL.-Dennis Lane, Mont







 for the purposes herein descrited. . A. Manning, A shtabula, Ohio, II claim the nooked tall, D, as constructed, arranged, and operated in com
bination with butter head, $B$, and link, $\mathbf{C}$, for the purpose and in the manne
as described. 80,494.-LiAMP BURNER.-Jas. Minitie, Baltimore, Md.

ings alono the summits of the ridyes formed by the corrugationes, substan
ithuly an and tor the purpoe berein sef forth
80,450 80, ton...C.A the pr jTretcine.-William Minster, Washing



 0,497.- Propelling Apparatus.-Ernst Offlaus, New






 80,501-W Asiling Machine.-Plineas Prentiss, Chester,



 Si, iffento Cal. CIVATOR Teeth.-William B. Ready, Sacra-







 Inclay
stae withiudescribed process for treating or puritying butter, suì









 $80,511 .-$ Machine for Pressing and Grooving Seams in
 30,512. -TiLE Machine.-John Shellaberger, Shane's Cross-
 30,513i--HORSE HAY Fonk- - H. L. Sheperd Osborn, O.

 F0,514. HEAD BLocr Fon Saw MILLS. H . R. Smith (assign

 $80,515 .-$ Borıng Tool.-A. Steinbok, New York cily.
 80,516- Fineed-water Heater.-Stephen Stucky, New Al


 ver mheh openiog is placed a darkened liouse, C , as and tor the purpos
jperifled.
80.51 . 80,518.-V Entilating Boots and Shoes.-Edwin Thomas,
Intiladelianial Phat

 socitit. Lamp.-Wm. Totheroh, Reading, Pa .

 80, ,200.-Shriwing Machine for Buttonholes.-Kasimir Vo

 80,521.-GANG PLow.-Andrew Walker, Claremont, N. H.

 80,522.- Stied Sowerand Harrow.-Andrew Walker,Clare-





 0,525.- Stove for Ratlroad Car.-F. II. Whitman, Har-
 80,526 Apparatus for Cleanina Sewers.-C. Williams,











## REISSUES.

66,773.-Paint.-Dated July 16, 1867; reissue 3,051,-D. R.

 in such condition, onbstantally as and for the purpose describect. - Hevry




















 $0,768 .-$ Horse Power.--Dated Nov. 12, 1867 ; reissuc 3,059




## DESIGNS.

130.-Vise.-Quimby S. Backus, Winchendon, Mass. 3,131.-Ivory Tablet.-Wm. C. Comstock, Essex, Comn. 3,132.-Knitted Fabric.-Thomas Dolan, Philadelphia, 1Pa 3.133.-Shirt Collar.-R. S. Jennings, New York city. 3.134.-Simirt Cuff-R. S. Jennings, New York city. 3,135.-Toy.-R. S. Jennings, New York city
3,136.-Twine HoldEER--E. M. Judd and IR. L. Smith, Wal 3,137.-Stove.-W. N. Moore, Neenah, Wis.
3,138.-Clock Case.-Nicholas Muller, New York city ,139--Trade Mi.RK.-J. M. Mumford,South Reading,Mass., 3,140.-Drawer Pull.-John E. Parker, Meriden, Conn. 3,141.-Bottle.-M. B. Powell and C. W. Stutenroth, Na 3,142.- Embossed Paper, etc.-E. F. Price and E. A. Mur-
phy, New Haven, Conn.

## EXTENSION NOTICES.

Bartor H. Jeuks, of Bridesbirg,Pa., having petitioned for the extension of patent granted to him, the 24th day of October, 1854, for an improvement place on the 24 th day of October, 1868 , it is orlcred that the said petition be card at tlic Patent Oflice on Monday, the 12th day of October next.
Stephen E. Booth, ot Orange, Conn.,administrator of the estate of Sheldon
S. Hartshorn, deceased, baving petitioncd for the extension of a patent S. Hartshorn, deceased, baving petitioncd for the extension of a patent
granted to the said SkeldonS.Hartshorn the 7 th dayof November, 1854, and ranted to the said SheldonS. Hartshorn the 7th dayof November, 185t, and cars from the expiration of said patent, which takes place on the 7th day of November, 1868, itis ordered that the sald petition be heard at the Patent Office on Monday, the 26 th day ot October nest.
John C. Schooley, of Cincinnat1, Ohio having petitioned forthe extension a patentgranted to him the 14th ay of Maichl, 195J, for an improvement process of curisg meats, for seven years from the expirationor said pat id petition be heard at the Patent Office on Monday the 28th day of Dccem cr next.
BarnetL. Solomon, of New York city, execulior of the estate of M.ver Phinaid Myer Phineas the 24th day of October, 1854, tor an antmprovemeat in the holders,for seven years from the expiration of said patent, whtch takes place at he Patent Office on Mondar, the 12th day of October next.

