This case (Goodyear vs. Risst),which has excited a great deal of interest on the part of the dental profession, has just been decided by Judge Shipman, at the United States Circuit Court, Hartford, Conn.


## PAMENTS AND CJAMS

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for the week ending november $17,1868$.
patents are granted for seventeen years, the following eing a chedale of fees:-



dincation for Design (fourteen years).
of Canada and Nova Scotia pay $\$ 500$ on application.
Pamphletscontaining the Patent Lawos and full particulars of the mode other information useful to Inventors, may be had gratis by addressing MONN \& CO.. Publishers of the Scientifc American. Newo York
84,045.-Device for Raising and Adjusting Wicks in

 forth. 84 . - Device for Saw Carriages.-Levi Black and Mil-
 ranged t. oberate in them maner and for the purpose set forth.
84, 047 .- WATER. WHEEL.-J. H. Bodine and T. Hill,
Mount Morris, N. Y. Mount worris, N. Y.
We claim, 1st, The arrangement of the top feed vertical discharge whel,
in conenection,
 3 The arraugement of wheel, B, gate, I, arm, vo screw shaft, T, block, R,
working upont screw shaft and spindle, S , operaving the screw shaft by working upon the screw shart and spindle, S, operating the screw shaft by
meano coog earing, w, whensaid partsare constructed to operate in conn
nection with each other, in the manner and for the purposes above de-
scribed. 84,048.-Porta ble Forge.-John B. Bolinger (assignor to
 perlpheries, su bstantially as described, in combination with the puli eys
and
2d in combination with a portable fan blast forge, the air chamber, S, the
double lever, $D$, and the slotted arm, $F$, operating in the crank, $G$, all con
 signor to A1mself and George B. Peek, Warren R. I.
I claim the arrangement and combination with the arms, c a and part or
 purpose specif ed, with a connection bar. E. made as set forth.
84,050 . WASHING MACEINE.-Wesley Cornell and Thomas

 84,051 . - Harvester. - Alexander G. Donnelly, Breesport. N. Y.
I claim the wheel, D, con $t$ tructed and operating as herein described and







 duce a solid condition of the mass. ${ }_{2}$, The miving of cast iron with an oxidizing agent, one or other of which
 condi ton of the mass.
4th, The production of wroughtiron from oxides of iron, by mixing the
later with molten cast iron to such an extent asto produce asolid conglom-

 intimate contact and connection with the mass as to produce their proper
cheticaleffect when ii is anter wards sujuected to theaction of heat.
84,054.-STEAM ENGINE SLIDE VALVE.-John S. Everitt and



 84,055.-SUSPENDING CLAMP-Dan. P. Foster, Waltham,
 the supporting trame, A, and conneced by a ink, $\mathbf{C}$, substantally as de
scribed and tro the purpose set torth.
84,056 .- Potato Digatr. - Hamilton France, Hinmans


 scrined.
thin . Che combination of the above named parts with the wheels, $B$ and $X$,
bails, M, and seat, Y, When constructed, arranged and operatug substantial1y as hereinset forth and khown.
84,057 .-CHOCK. Charles F. Hadley, Chicopee, Mass., as


 and forthe purpose set forth.
84, 058 - WASHINQ MACHINE.-Mortimer S. Harsha (assignor

 84,059.-TwEER.-Adam Herbig (assignor to himself and Iclaim the circuararndickrry nept, A, provided with the inlet pipe, d, and the
outlet pipe, di, placed opposite each other, and with the damper, c , all arrangedand operating substant ially as descrnbed.
84,060 . -W ATCH EsCAPEMENT.- Julius Hietel, John Wenzel



, signor or to hime Holf add $J$ Ferguson Morsell. . Stamford, Conn., assring, B, constructed an op orating substantiall as hereninspectited.
 St,








 84,065.- CAL COUPLING.-James Osman, and John F. Pot-
 and for the purposes descrioed. WASHER. - U. H. Reed, Jeremy
 84,068. - WiNDO FHU TTCR - Frank A. Reiher, Cincinnati,
 84,069. SPRIN BED Botтom.-Gustavus Reneky, and Sam-
 Iocitied.
$84,070 .-$ Machine for Separating the Pjle from Fib-




 ating as deescribed, tor the purpose spectifed










 raned aud operatug substantially as described for that purpose.
$84,076$. PAPER BAG MACHINE. Cliristopher Amazeen,





 or thepurpose herein set forth.
$84,078 .-S A F T T Y$ APPARATUS FOR LAMPs.-Cephas Apple-

 such Dody, as.bereinbefore speciffed.


 84, 081.-Debris Cfeck for Pumps.-Sanford O. Blanding,


 84,083. CATAMENIAL SAC.-George E. Briackerhoff, Brook-





 Mring, 0 , subseantialis as herein described, and tor the purposes spocitifed. , clain - Rolline Mill.-William Brown, Smethwick, Eng.





 84,088--Sash Supporter.-Robert M. Campbell, Cam-
 $84,089 .-$ Heat Radiator.-William B. Choate, Galt, Cana-


 84,091. - MACHINERY FOR FOLDING AND CORDING THE EdGE










 8tantially as and for tbe purposeset forth. I Doenp, Newarr, N.J.J.


 for the purpose herein set forth. -William Edson, Boston, Mass. tolaim the sepment wedge. Fiorn, H, and leaf A, oneratiog in combinat
tor with the plate, B, substantially as descrioed and for the purpose set
torth.











 gnd deseribed, and for the purpose set forth.
















 shown and described.










 84,110-Hydrocarbon Burner.-John Gray, San Fran-



 84,112.- GAs AND STEAM FITTINGS.- Albert Hallowell,



 84,114--Machine for Formina Tin-lined Lead Pipe.-



 84,115.- Wasering Machine.-Wm. S. Harrison, German-








 curbal as desesribed diton with the said seat, the back, G , constructed and se cured in the manner described.
$84,119 .-$ COMPOSITIN Roofing.-Clement F. Hinman, Chi-

 Iduse N. Y. .inn an compound composed of the within ingredients, in abou














 84, ${ }_{\text {cal }}$. - LEMON ${ }^{2}$ SQUEEZER.-John Klepzig, San Francisco,
 84,126i-C SAsTER.-Charles Lewando. Boston, Mass.














 n4, si31.- MANuFActure of Lampblack.-Adolph MilloChau, Nev York city, assignor to himself, Jules Marcelin, Louis A.Geyer, I tiaim the use of tamplack asa porous material, to supply oil to the
ame in the manufacture of 1 lampblack , ni
 84, Miseter Mr eiter, L, Lancaster, Onion
ted, in the a are of a circle, to a position behind the frame, for digcharging
gher bavel,



 btt, The arravereneat of the fulcrum of the cut-off in rear of the cutting



 84,134.-Apparatus for Evaporating Cane Juice.-S. A.


 84,1366, vill. DITCHIN $G$ Macinve. - Leonard Rickard, Dan


 84, Cocis. - Harti.

 mose specited.




 ,141, Apparatus for Raising Fences. - Thomas J.
 84, 142.- WRENCH.-William S. Smoot, Washington, D. C.
 I claim a ore proot molding compound or paint, composed of the within.


 orth, The cord, I, , rame, j , and thumb nut, L , substantially as and for the pur



 Sis, 1 , operating substantially as herein deacribed.



 ${ }^{\text {forthe purposes heren set forth. } 147 .-E X T E N S I O N ~ L O U N G E .-C h a r l e s ~ S t r e i t, ~ I n d i a n a p o l i s, ~}$

 serined.-Hydrocarbon Burner.-Edward W. Taylor, Nor-





 84,149. - Hoor SKIRT.-William H. Towers, Boston, Mass.
 84,150.-Field Roller - Wesley Weetfill. Chelsea, Mich.








 spice piece, substantially as and for top purpose described.


 84,154 .-Grape and Vine Trellis.-T. G. Yeomans, Wal-
 84,155 .-OPEN OR MIDDLIE RING.- B.F.Zinn, Mount Rock,Pa.
 84,156.-REEL-Eli jah Baker, Lorraine, assignor to himself


 the teeth and lapping the outer rows,a, over the inner rows, a , upon each the teetthand lapppan the outer rows, a, over the inien rowes 84,158.-WATRR WheEL. - Vincent M. Baker, Preston, Minn.






 Bigelow, Hamilton, Canada.



















 ${ }^{\text {desecribed }} 84,170 .-$ BridLe.-W. F. Clark, Hagaman's Mills, N. Y










 I nisione Desoco











 chamber, $k$, and the tace or the pamp cylinder, at w.
84, 177 .-PERMOTATion Lock. - William F. Ensign, New






84, 178.-Corn PLANTER.-Snyder Filson and W. E. Kinert,



 84,179.- MILEING PALL.-R. A. Fish, Worcester, Mass.


 Rose set forth
$84,180 .-\mathrm{M}$
ode of Making Combined Wood-and-Wire





 d. and hearrangement oit the wings. H, shafts, i, istraight springs, K, and ring

 si, 8 seribed.-Cultivator.-A. A. Harmon, Olney, 111 .




 84, 1866 . SADDDLE describe. Hayden. New Market, Ala.

 rode, itrtan with the jointed braces, M, stibstantially as and for tie purpose
84,187. - Method of Etcing Relief Plates For Surface







 Rat The tute, H, having its sides slotted and notched, as described, in com
bint




 84,191.-Machine for Holding the Cutters of Mowing

 renti92.- Permmutation Lock.-William Johnson, Milwau-













 84,197.-Telegraph Instroment.-George W. King,George-
 h4, 198. - Apraratios for holding Sheep.- Giles D. A

 forth forthe purpose gpeeithed. 84, P9.-WAGon Tor Bow.-S. C. La Halt, P. Listeman, and








 eftorgether in mer Hheel-Albert M. Maynard, Savoy, Mass




 84,205.-Sheet Metal Roofing.-Ezekiel Mills, Baltimore, I claim the continuous metallic strips,jointed and coated:by the proces 84, (asisignor to biimself, Dexter D. Hardy, and Henryc. Drart) Mincillward






 and swaged up in the desiressuape, substantialy a sion and described.
84,208 . - MACHNE For THE MANTACTURE OF ELASTIC








 34, 209.-METHOD OF DETACHiNG RDbBER Articles From






84,210-L Lightwiva RoD.-David Munson,Indianapolis, Ind




 84, 213.- Pocket Lantern.-George W. Putnam, Peterbor


 hermetically sealed. -J. W. Rhoades, Clyde, Ohio.


 escribed. combination of the pro iection, b , and pin, a , with the box, B , and
3ve Th Cund

 dapted oeach other, as and for the purbose herem set forth. N . Y





 3d The ecombuation of the generator with the escape pipe and stop-cock
sid
ially as deseribed. Treating Metals--Thomad Shaw, Phladelp hat, Pa,
I claim the employment of hydrocarbon-turd




 4,223.-INSTROMENT FOR AFFIXING STAMPS.-C. B. Sill (as-
















descrined. Machinf for Sharpening Saws.-A. R. Stewart,









 8itand

 84, 233.-GDN Locre- Nich hael Tromly, Washinton, D. C .








 84, 2is5.-Paper Making Machine.-James Viney, Man-

䢒




 86










 84,245.- Mandefacturing Boots and Shoes.-August









## Reissues.

65,794,-MACHINE FOR Filiting Crindindical Molds For







70,722.-Mode of Lighting Street Gas Burners.-





 36,159- - SEEDNE MACHNE.-Dated August 12, 1862; re-









 15,659.- HARVESTING MACHINE.-Dated September 2. 1856;






























## DESIGNS.

3,236.-Printers' Type.-David Bruce, Brooklyn, N. Y.


3,239--COACH Lamp Glass.-James H. Downs, (assignor to

 3, Two Patents. $-\mathrm{F}_{\text {RUIT }}$ Jar. - Alonzo French, Philadelphia, Pa



 , New York city. CLoTH Patterv.-Charles T. Meyer, Bergen, N. J. J. asegnor to Edward C. Sampson. New York city.

3,250- Printers' Flourisies.- Conrad Reuter, Cincin-
 3,252.-Cuspadore.-Samuel Roebuck, and John Roebuck, , 253 . Y York ick . Case.-Solomon C.Spring (assignor to Welch, S. Spring \& company.). Bristol. Conn. $W$. Storer, Bangor, Me. 3,255--HARNESS TRIMMINGS - Charles M. Theberath, and
 3, NFew. -Trander Mark.-Edwin H. Turner, Quincy, Ill.
3,258 . Trade Mark.-Michael Werk, Cincinnati, Ohio 3,259-TRADE Mark. - Michae. Lerk,
 3,262 - - Standards of a School Desk.-Calvin W. Sher-

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ened, without glue, and neatly painted. The name of the inventor slould be neraved or painted upon it. When the invention consists of an improve ment upon some other machine, a full working model of the whole machine will not be necessary. But the model must be sufficiently perfect to show ith clearness, the nature and operationof the improvement. Preliminary Examination.-Is made into the novelty of an inven ion by personal search at the Patent Office which embraces all patented Cave
Caveats are desiralle if an inventor is not fully prepared to apply for patent to another tor tha proters should be carefully prepared.

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