to the bruise, leaves the foot miserably weak for weeks or perhaps months. What would be thought of a surgeon, who, because his patient had a discolored nail, the result o a bruise, proposed to remove the stained horn and lay bare thing, and no patient would permit it. Yet veterinary surgeons and farriess follow this practice on the horse's foot and horse owners assent to it. The result is, that corns as sume a fictitious importance, and the heel, robbed of its horn, is liable to fresh injury for a long time
We may be told that the horn is removed so as to release any matter formed as the result of inflammation. It is certainly a plausible excuse, but not a true one. A professional man should be able to diagnose the presence of matter without injurious explorations, and matter is never present unless a horse is worked for two or three days after the appearprofesses to have let out of the cases in which a farre straw.colored effusion which would have been naturally reabsorbed in a day or two after the cause of injury-the shoe -had been remored. The remaining percentage of corn shoc has been allowed to remain on the foot, continuing the injury, and thus set up active inflammation.

The rational treatment of corn is to remove the shoe, and foment the foot with warm water-in other words, to remove the cause of injury, and help nature to reabsorb any effusion. If matter forms, it must be thrown off. Nature does this through an opening at the top of the wall, between hair and hoof; man endeavors to do it byan opening through the sole. Now, we believe in nature's plan, and experience show us that it is the best, if not the quickest, course for the horse's foot. Warm fomentations facilitate this course, and therefore the treatment we have suggested is applicable to all stages. This treatment does not injure the hoof, and a cessation of pain, and consequent lameness, can be followed the other hand, when the bars are destroyed and the sole cut away, the wall is left without any support. It is too weak to properly sustain weight; if it rests upon the shoe it is pressed either inwards or outwards, and the recently injured parts are again hurt. Thus, and thus only, it is that the existence of corns can be said to predispose a horse to their recurrence. A corn is only a temporary accident, like a bruised finger; the one is just as likely to recur as the other. If a horse remains lame over a fortnight, there is sonething more than a corn-either a badly fitted shoe, or the injury the ordinary cure for corns is worse than the disease Horses are, we know, frequently lame or tender for months after having had a corn. Let such animals be properly shod, no cutting out of the heel allowed, and we guarantee a speedy cure. Remember that a corn is an a bruise of horn-covered part. Treat it as you would your own finger
under similar circumstances, and very little trouble will be under similar circumstances,
entailed.-Land and Water.

PATENT OFFICE DECIBIONS.
the dibintrazating plour mill patent.-care de. davide



## DECIBIONS OF THE COURTS

United Staten Circuit Court.---District or California, Ninth Judicial Circul
 [In Equity. - Bcfore Sawyer, Judge. - Declacd April 7, 1879.] AWYRR, Judge:




mecent Gutcrican and foreign eetents.
Improved Extensible Ladder.
$\begin{aligned} & \text { John C. Hearne and Duston Adams, Plcasant HII, Mo.-Tuls invention } \\ & \text { consists of two " lazy tongs "contrivances conncetcd together ac thic midd }\end{aligned}$ consists of two " lazy tongs "contrlvances connected together at the mid-
die jolnts of the bars by cross bars long enough for the ordin.ry purposes each end by cords, which limit the extension of the lazy tonss frame, and support the welght of the cllmber. The top cross bar is provided with hook sor otherdevices for suspending the ladder, anda rope fs attached to suspended from the so that the ladder can be fop one, or through an es pulling the cord down the ladder ler can be folded up out or the way by for use by relcasing the rope. Thi whole constitutcs a collveutent and ef where It will be out of the way when yn folded up.
Improved Turbine Water Wheel.
bline water wheels, in which the objectionable fenturc-the ternilanation o the wheclease at the bottom flange, which renders it dillicult to make th fangeat the holes for the bearings-ls done away with, and the case is ex tended below the bottom fange, and a speclal Hange ls provided to rest o the floor, support the whecl, and make a joint around the discharge hole and this fange also serves to support the wheel so higli as to prevent heavy
bodicesfrom belng carried into the wheel. By this arrangement, it le cla:med, the water leakis

Francls A. Daring, Fajetteville, N. Y. - This invinc
proved addrcesingmachine, intenced particutrely for use relatce to an im lishers and such other pefrons whose buelness requires them to senil at fre quent litervale documents or mallimatter to the same subscribers or per in position for use in printing. The invention consiste in the cuplaywing of an endiess chash passing around a prismatic presser block, and luytng the addre $\mathrm{Bs}^{\text {or }}$ printing plates removs bly secured to it by springlug thet ends into slots formed in the links of the same. The invention ulso consilding frame, and in formlug u coothed serement entizagling with opposite purpose of curning the same one quarter revolutlon at cach downward the lon of the frame, and for retaining the same in position fimmovably during the upward motion of the samc.
$\begin{gathered}\text { Improved } \\ \text { Adolph Hofstater, } \\ \text { Dew York city. } \\ \text { Dothis }\end{gathered}$ Bolt.
Invention has for its object to eurnish an Improved at tachment for bolts, by theuse of whell it will belf. possibic for the bolt to be worked back and the door nupast ened from the
outside or sald door. By sultable construction, when the boit is pushed outside of sald door. By sultable construction, when the bolt is pushed
outward so as tu bring lits knob tntu the space between the forward end ot an open central keeper and the rear end of a forward kecper, and a semlcs illadrical plate has beca moved laterally upon the bott so as to cover the opening or slot in the central kecper, it will be implossibic for the bolt to be drawn back without Arst moving the plate to one side to uncover the alasiot and allow the knob to pass chroughi th. Upon the rear cud or the
plate le formed a small projection, wialch, when the saldplate la adjusted to cover the opening in the kecper, may be sllipped into a noteh in the forward end of the rear keeper, and which, when the sald plate is moved to uncover the sald opening, may be silpped into a noteh in the rear cnd of
the open keeper, to prevent tic sald plate from getting out of place aceldentally when in clther posillion

Improvement in Recovering Tin from Waste Scrap.
Henry Panton, New York clty.-The Inventor proposcs to utilize the til Henry Panton, New York elty. - The Inventor proposes to utilize the tha thon. For this purpose he cuts clic clitps into small plecees and places them In a revoiving cyillider, Into which a shower of mercury is constantly fallong converting the remalnder scrap fron tinto steel, as well as the cyillidrical of converting the remainder

Improved Folding Chair.
Asahel C. Boyd, Worcestcr, Mass.-The invention consiste in forming cach front leg and superposed arm in a singic side plece that is reversely with a round that serves tuc double purpose of a connceting plvot for the Hinks and a rest

## Improved Car Dumper

Owen M. Avery, Pensacola, Fia.- The invention coasists in dumplng a ar on the side by means of rockling beams plvoted to the middic of a bev
led bolster. It also consists in a pecullarly constructed and operated shifter, by which the rock beam is made to ficrtorin Its intended function. It also consiste in a locking device appifed at each cad of the shifter. It also consists in a doubie notclica lock bar appilica to the middic of the shifter. It also consibts of means for throwing lic linc of gravity from the median line of the truck and to that side of the car on which the load is to
bedumped. It aleo consists in a pecullarly simple and conventent mode of coupling car dumpers together.

Improved Fertilizing MInterlal.
James Whitchill, Frederick, Nd.-The inventlon conlifists in grinding or reducing linnestone to a granular state so thint It will pass the drill ceenty
and may oc applited In mall quantitiez with as greateffect as in Iarge quan itles. Thus it is sold in packages, airtight or approximately a

Improved Vacuum Pan.
Or. Aurcllus P. Brown, Upperville, Va.-The invention consiste in a naporiztng apparatus whercby the continued action of aing air pump (although one may be used to start it, if defired) te rendeled entirely unncecs sary, end a great saving ta thercby produced in the ordinary procces of distil-
Improved Horse Collar.
Whllam Gullfoyle, New York clty.-The object of
truct a horse collar New York city. -The object of this inventlon is to con than those at present In use, but protects, alsio, the neck of the horse againg acalde and brulses caused by the unduc phessure of the collar. This inven with a metalle shoulder plece having a projecting rim, by which the usual
wind hames are dispensed with and the strain on the collar dis fributed over the whe etronce, protecting ad ony the neck of the horsc, but also furnish the metallic covering and conncted by a stronk wire plece, with ring
thed attached to hold the harness together.

Improved Convertible Freixht Car
Willam Worsiey, Littic Falis, N. J.-The Inveutlon consiste in $V$ shaped detachable sectlons appiled to the Hoor of a grain car, to give the necessary that the grain may be discharged oll elther sidc of the car from the same aozzle.

## Improved Hose nnd Pipe Coupling,

 of same place.-Thy Invention consists in the inprovement of plpe or hose ground or packed. A nut, made in two parts, has each part hinged to a wivel working on one pipe. The other plpe screws into thils scetional nut, which draws the plpestogether. The two parts of the nut archeld together
by a ring which is made to at the conical surfacc of tic ouiside of the nut. The taper of this surface must be sufflent to allow thi: ring to be casily pulled off. The ring is provided with lugs to which are attached chalng which are made fast to some fixture. Now, oy a silght moyciucnt of elther the coupling or the ixture, the ring is pulicd of and che coupling discon nected. Each plpe is provided with a pressurc valve. When the plpcs are
connected thees valives are open ; but when the plpes are separatcd, they connected thesc valves are open; b
close automatically or by the , ressurc.

