
[Reported officially for the scientific American.] issued from the United Blates Patent 0 flle for the week ending marci 17, 1857.


 Crhis simple improvement consists in giving a pressure
to the fluid, by conducting it from an elevated reservoir. A sufficient hight is readily attained by suspending the
reservoir from a nail or other fixture near the ceiling of reservoir from a nail or other fixture near the ceiling of
a room. Its convenience can be readily appreciated.]
 We eciaim giving to the end eass rotating bed of felting ma-
chines, period of rest during the ontinuous motion of the
upperdeck, substantially as described. Pow er Looms-J. L. Cheney, of Lowell, Mass.i I do
not caim supporting the picker staff by a rocker and
horizontal lailor stand.
 a patnt. I claim applying to the picker staff a spring for
the purpo ofe of retracting uch a staft.





 Lard Laxps-I. N. Coffin, of Washington, D. C.: 1
disclaim the arangement of that inclined wick tubs at
righ anghe to each other, that having been done by H.
W. Revely.
 Rorary Printing Press-J. C. Davis and William
Miller, of Elizabeth, N. J. We do not claim the sepa-



 Wood, cement and screws, or the alternative method of
the angle iring or window and dor caning, pilatiters,
cornice tring oursen, other ornam intal atachment,
combined with the cement for the same purpose.
 mannor as set forth, whereby, when the independent cir-
cuit has broken the depondent circtitat the Instument,
the dependent circuit in prevented from breaking the in.
dependent nircuit.
 cord, b, and having a rod or axis, $\begin{aligned} & \text { c, passing through } \\ & \text { them at one ond, substantially as shown andforthe pur- } \\ & \text { pose set forth. }\end{aligned}$. [The effect of this ingenious device is to very securely
enclose and protect the bills when the holder sis shut, and to plainly expose the endorsement on the back of each
when the file is opened, so that the finding of any particular one is accomplished very readily. The cord, b,
coll

 innerdoor, L, ar range
stantially as set forth.












 s.
oco nd. I Ilaim the smployment of $t$ woalternating sets
of such stufers for stuffing both rolls of the collars, as set
forth.












(Tris press is deigisned more particularly for prining
cards, and as an all the movements are dorived from a simple motion of acam. .itio,
either thy hand or oby power.]





















 C. Tilton, patantodidisy













 r made to seize a plate of metal they shall not spread the
utters anart.












 ha esidide




































 and








pur wheol admirable foeding device for parers. The and wheel is set obliquely to the axis of the fork shaft,









































 ifin such cases the fluid in the second vessel is not under
a vacuum or artial vacuum.
I claim, first, the employment of a vacuum pan or








 $\frac{\text { of warp fibres, substantially as described. }}{\text { Saw Mill Wheele. }}$ At what angle should water fall on the fall? And ployed to make 150 revolutions per minute when cutting? R. N. B. McL. The angle must depend on the construction of the wheel, and may be a matter of discus water it is really immaterial so long as the floats. The velocity of the water striking the floats under a 25 -feet head is very nearly 2,400 eet per minute; and allowing your wheel a reasonable breadth of float, so that the wate shall spend its force on points considerably inside the wheel, 5 feet 6 inches diameter will give you very near the speed desired.
The daily papers have asserted that the new style of valves tried on the Adriatic steamship have been abandoned, and that common balance puppet valves will be substituted, a change which will involve another ong delay. We think this has not been ab mence making patterns for puppet valvechests, anticipating a possibility of the final failure of the rotary valves. The condensel
and other parts are to be quite extensively changed, and considerable time will be consumed

