Srientific American

M, B, of S. TO. CORRESPONDENTS. We dot know on any such instru ments as you propose. here are dams which will ston
the water completely, and which will withstand the the water completely, and which will withstand the
strongest freshes oubtessome that are patented
do soll
do aking the face of the dam han inclined plane will

 was never patented.
advantages in having our work published with pages of
the size of ordinary bould the size of ordinary books ; but only a few wo our read
oris, comparatively, would like sucha p plan: its presen
sizo to engrave your machine.
Sards B., of va.-Monuments of all kinds, for grave Yards, made of cast irn, are well known: your plan
therefore, is not patentable; they can be made hishly or namental.
C. C.A., of N. Y.- Your wall fence would probably answer a good purpose; but it is not patentable; neither
is your propeller,- the latter you will find illustrated in Vol. 5 (18899) Scr. As. The effect cannot be greater than
the cause. y e.acti. the cause: reaction is less powerfil than the action.-
Look orer some book on Natural Philosophy for causes. T. B. of Ala,-We cannot furnish all the back volume
of the Sc. A. A. They are not to be had. It is a matte of doubt which is the best harvester or mower: nearly
all those putin market hhis year have proved good some persons give Mc Cormick's reaper-price about $\$ 160,0$ an
Ketchum's and Allen's mowers-price $\$ 1100$ to $\$ 130-$ the preference. These machines require 2 to 3 horses, and
two men, and cut1 acre per hour. J. M. of N. J., says: - I can construct astove that will
make its own fire at any desired time in the morning make its own fire at any desired time in the morning;
would that be considered an invention?" In repply to the foregoing we would state that mere ideas are not patenta,
bre. If you have a new mechanical device for accomp.
. lishingthe purpose you name, probably it could be pat ented. Send a model or sketch and we will examine it.
C. P., of N. Y. We will try and give you some infor-
. mation about extracting silver from its ores at some fiture $t$ ime. ${ }^{1} 1$ received.
C. S., of Mass.-We cannot furnish you with the book
named, on constructing machines, write to $A$. Hart. Phil adelphia.
$G$. W.t.
sulphate of indigo-choucan blue your fannels with the sulphate or indigo-chemic-which is made by disiling
ground indigo in good vitriol: 1 pound of indigo to 6 lbs. of vitriol. The back numbers of this volume Scr. Ax.
will rive you godreceiptson dyeing. will give you good receiptson dyeing
D. B., of "f. The apparatus now used on printing as they issue from the machine, is not patented, we be lieve, and theref ore you can use the same.
C. B. B., of N. Y.-Youcannotpatent the mere idea or
driving astraw cutter br means of belt and tredte driving a straw cutter b) means of beft and tredale, the
other portionsof your machine you do not sufficiently de other portionsof your machine you do not suficient.
scribe to enable usto determine as to patentability.
J. J. J., of Mass $-\Lambda$ machine for folding cloth after in
comestrom the loom has been made. Read carefulu comes from the loom, has been made. Read carefuly
Mr. Manly's offer, and our remarks, and you will understand what he wants. The sheet of paper on a printing
press must go between the type and the cylinder which press must go between the type and the c cilinder which
gives the impression. When the population of the earth increases to such an extent as to haveexhausted all kind of fruel it it sprobable that a company will be formed torun
a shaft to the North pole and connect it by means of a shaf to the North pole an a a acet thy means of
pinion, to the earth. In this way a perpetual motion will be transsaited to all parts of the country, and your as pirations will be realized.
D. B. . .. of 0 -.-Your seed sower is not new, neither is your plan of sealing cans. 82 received.
E. J. V.,of $\mathrm{V} .-\mathrm{Price}$ of covers 50 cents. Send your numberst tothis ofice, and we could have them bound
complete for 75 sents. J. M. T. of Pa. - here is nothing new in your mode of sealing cans.
C. K.N.,
 heard that it went thead far, against the wind, although
that was its object. You will perceive that $i t$ is furnished with paddle wheels driven by the wind-mill. This is an application of cold air to wheel propulsion, and is just
about as valuable as the use of hot for the same purpose. W. S. T. of Wis.-Forcing air through water to purity it of dust and cinders, on railrona cars, by means ofrech-
an ismconnected with the wheel axles, is an old idea. No charge for the guestion. $\$ 2$ placed to your credit on sub.
scription.
J. R., ofC. E.-Use Smee's or Daniell's battery fre elee
tro-pla ing you will find it rery d dificult to deposit brass tro-plaing; you willind it rery dititicult todeposit brass

- we never have been able to make it works satisfactor A. W. B., of N. C.- We do not know of any premium offered for welding copper; it will be an inven
some importance if you discover the way to do it.
 Dick'sworks, they will give you full explanations for $\underset{\text { making cameras. }}{ }$
H.H. D., of Ct.- Yourswillmeet win
future number. Accept our thanks
J. B, of Va.-Address W. B. Douglas \& C Midde Jown, Ot., for Hydraulic Ram $;$ and $J$. Ball \& $\&$ Co., Jersey
tor City.N. J., for cement pipe. Cannot inform you as to


## $\stackrel{\text { gas pipes. }}{\text { H. }}$

H. F.T. T., of N. Y. - An apparatus for raising or lower-
ing the shaft on steamboats, wheels at pleasuree. would be of some value, provided it
worked well $\&$ did not interfere with the operation of the worked well \& did not interfere with the operation of the
engine. We do not remember any practical plan for al tering the dip of each wheel independently. $\$ 1$ received
L. A. of N . Y. - The reason why you notice that many correspondents are informed that heir devices are
1ot novel, is because we more frequently dubli egative replies han the affrmative., When their inven. tion are new and patentable we wrie them by mail, siv-
ing details as to torther procedure. the following foreign patents which we would thank the own ers to order away:-Miller's Machine for making
Hit gss: Reod's Oscillating Engine ; Loushridge's Car Brake; Hoagland's Treenail Machine; Wallis' Paddle
Wheel ; Watrous' Machine for Chilcotts Fabric (Belgian certificate ;) Irving's Padde Wheel (Belgin certificate.)
We would also again remind our friends that we have a Ww ushels of American Patents in our possession which
we would thank the owners to send for we would thank the ewners to tend for and at the time
of ordering would reequest their enclesure of postage ${ }^{2}{ }^{\text {mail. }}$
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