TO CORRESPONDENTS.
answer a good purpose to connect saddle trees. Try it the cost cannot be much. We do not tlink a a patent could be secured. Something wo
utility and method of construction.
2. W. W. of Nich.-Mr. Croshy claims, in his patent of 2.3. a circular saw, with both faces onvex, when whis is,
combined with a guide for spreading apart the plank to
 tion is a good one, we believe.
T. Y. of fowa.- $A$ life.preserving trumk is a new thing
in name, but perhaps not in rinciple. Send ne a sketct in name, but perhaps not in principle. Send us asketch
and description for exanaination and we will advise you.
R.G. G., of N Y.-Attaching a thermometer to asteam boiler, for the purposes set forth in your letter,
patentatale subject. It has been donebefore. Datent. of Ill.-Mererely coupling two ploughi. together 1 this in your "Double Corn Mllough,"
B. B., of N. J.-Your rairroad telegraph is perfectis feasible, and is a most excellent plan to prevent acci dents, and it should be esta abished on all our rail roads
But we do not know what advice to give at present in respect to your interrogation.
E. \& A. R... of N. Y. Y-If the case referred to is repported,
we shall notice it. G. W. Beardslee, of Albany, N. Y ., We shall notice it. G. W. Beardslee, of $\Lambda$ libany, N. Y..,
can give you any information upon the subject.
 be marked as such, with the date of the patent.
$\mathrm{J} . \mathrm{H} . \mathrm{B}$., of Mich. Some weeks since we pubished a machine of $M$. Schoonmaker for turning spoles. $W$.
think it too a very expeusivemachine. Copper wire, we think it not a very expeusivemachine. Copper wire, we
euppose, can be had at any hardware store. The stam was torn off the leterer we seat you.
A. J. of Mich.-We caution yolazainstprrchasing any risht in an invention uutil you know what it is. We. pre sumethere is no patent.
$\mathrm{J} . \mathrm{S}$. L. of N.
V .
J.S. L.. of N. Y.-Your method of preventing cars from
running of the track while torriiug curvec is not new patentable. Several printed references could be given.
 "Fair" such pumps as you appear to reaure. The chai
pump is well liked here. It is simple and durable. J. S. of Va.-Your plan for preparing newspaper d
 ulariy filed.
this case. this case.
S. G.of N. H.-Y Your inguiries have ebeen submitted to
the publishers of the " "llustrated News tor their atten. the
tion
t.
${ }_{\text {D. . }}^{\text {tion. K., of of oll }}$ We simply require a brief description of the operation of your machine, with a statement of
the advanta ages you claim for it ver other machines or the same purpose.
E. S. G. ofS. C. The application of a weight to
ma chinery for operaing a churn tam, or anything else, not patentable.
W. T., or Me. Mour idea is to obtain an endess whip. saw. There may be advantages in it, but we canot see
them. It would not cost much for you tor ris one up and
 the Pacific and Indian oceans theyrise totwice that
$\underset{\substack{\text { height. } \\ \text { R. G. G., ofN. Y- }-\Lambda \text { pump to spread and agitate the } \\ \text { C.t. }}}{\text { and }}$ water in the boiler has been proposed, but iti s supposed that a better practice is tofeed in the water in spray and
gave only a small $u$ uantity in the boiler at once. B. B., of N. Y. $-\Lambda$ n inventor who intends to apply for patent should make a small substantial motiel of $\operatorname{Cis}$ is in-
vention, place it it the hands of a competent agent with a full explanation of its operation, etc., this is all that is necesary on the inventors part, except to 8 gign the pa.
pers when ready, and furnish the efes; the patent fee is *30, and the agent would chargeaccording to the amount of time and labor, say from 825 upwards.
. M. M1. of Jich.-Your whel will operate well, and as you say, the velocity can be siven by gearing, but i,
is not patentable, for the same kind of wheel has been in is not patentabie, or the same kind of whe henas been in
operationin this city, and we saw it four years ago
E. S. Hulbert, Bernardstown Mass., is a practical ho maker, and can furnish 5 ., of Powelton, Ga.. with such in formation as he may desire.
R.Y. Russell, of Newman, Gieo. wishes the best
chinery for dressing and making sasis doors, dc.
w.
implementin use such as you want.
C. 2. W., of Ky.-Tours received, and the amount is
. paid © ver to Fowlers \& Wells.
G. H. of Wis -No patent
G. H., of Wis.-No patent could be secured for the ap plication of a chilled mould.board to a castiron plow.
$\mathrm{J} . \mathrm{B} . \mathrm{C}$. of Tenn.-The blocks named in yours of the 16th ult. cannot be furnisied.
H. P. A... of Geo.-We have been informed that the
Smynnilgs are billed in Smyrna ilgs are boiled in sugar for a few ninuy
dried in the shade and rubbed with dry sugar.
dried in thie shade and rubbed with dry sugar.
M. E. D. of N. Y. If you have the same amount water and height of fall for both wheels, the 13 feet one
will produce the best effects. will produce the best efiects.
J. L.. of Ohio-We are well aware that the magnet which closes the llocal circuit is called "the reeciving
ma genet;' but the name is wrong - it should be called the "relay magnet.".
J. R. M. of Ohio-The specifcation, drawings, addmo. del of your machine were sent to the Patent ofice before the rececipt of your letter of the e9th ult.
T. S. J. of Ohio-There are a great on head and tail blocks for saw.mills : send us \& \& of yours and we will examine it. The Burglars Alarmis L. R... of Del.-Wc have not published much upon wind. mills: G. B. Farnham, of this city, can sive you all the
rectured information. G. F. M. M... of IIII.-Y You had better use Morse's Air is.
tributor for your furnace: address L. Morse $\&$ Bro., Athol, Mass.
${ }^{0} \mathrm{~J}$. T. of of. W.-We cannot give you any encourage. mion onthe wan cliarlinvestigat he nature and a.
tion of the invention. Send a sketch and description. Our correspondents would save muchitime, and trouble to u and themselves if they would almays accompany their letters with sketches of their inventions. Mere
written descrivitions of anylmachine, unless very simple, Written describlitons of anytmach ine, uiless
will not answer our purpose for examination.
J. ...on Wis.-We eshall attend to your case at once:
have a little patience with us, now, if sou please. 835 $5^{\text {received. }}$
 publish such " "staff', i is nothing else.
F. B.
F. . . H. H. of Ind-An engraving of your maciine will Cost \&15; it will be necessary for you to send 1 sy yor Let-
ters Patent, that we may take such views a s are illustraed in your docunent.
nege of N.Y.--We will examine very carefully your
 magnitude conmenessurate with your inrention, would
cost you s20. We have nothing in our possesion to cost yous20. We have nothing in our possession to get
upenarravings fronn, and you had better send sour Let. ters Patent.
J. B. S., of Pa.-We would lise to see the model ; we do
then J.B. S. of
not ewe what an
the whel.

S. C.. or ta.- The way to remove, the incrustation, is
to empty the boiler, then slighty heat up, when the scale can be cracked of with a mallet $;$ it can also be chipped off inside. To prevent incrustations. coat the fues with a mixthare of
D. K.. of ———Your plan for stoppinga train might Onswer the purpose if it did not increase the liability of
throwing the train from the track : it would, in our opi nion certainly do this.
A. I. H. Holmes \& Bro., of Pittsburg, Pa., want a frst rate machine for making bolts.
W. II. of lll- Wre arc unable

you desire in regard to the manuffacture of thrormatio | youd. |
| :---: |
| mill. |
| k. |

T. S. of N. Y.- Xou murt address your application for Sace to d. E. Hulmes, Superiutendent of the Machine amount of space erequired.
T. II. . .of of . H.-Your apparatus for regulating the low of gas is new, we think.
I. B .
G
Ah. B. G., of Nla.- There are a number of patents on shingle sawing and spititing machines; y you had better
show us what you have thoun and we will examine into irs novelts : we cannot act understandingly upon mere
 ter their issue in this country: whoever tells sou to the
contrary don't know. We know nothing of Colling' in. vention: we don't believe he every invented anything,
C. V. A., of $\mathrm{Y} . \mathrm{Y}$. - There is z:cthiing new or patentabt C. V. $A$. of $N . Y$. - There is s.cthing new or patentable
in your clurn dasi- - the principle is old and well known r. Mc ${ }^{\text {rotary churrs : don't fool your time away upon it. }}$ chine has. been received. The "atmospheric screw." as
you term it has been tried here on two cocasions with you term it, has been tried here on two occasions with
different balloons: in beth cases it was a failure : the screw was exactly the same as yours ; we saw both bal
W. F, of Mass.-It is not possible for balloons to ope.
 equire such a volume to elevate the aerial navigators Tr. dificulty lies in their necessary great size.
'T. J., of Ky.-We see ne difficulty in blast
manner you propose. Gun cottoni ignited by the electric Iopse. It is a wonder to ust that all blasting of rockg is not done by the battery: the only reason we can sive
C.C. C.S. of N. . Y.-II you wish manufacturers to knows
that you have such articles or cale advertise them, the
that you have such articles sor sale advertise them, the
hest vehicle for this purpse is the Scientific American $A$ daily paper is the worst of any. Manufacturers and mechanics 1 ook
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J. 0 ., of N. Y., slo $: \mathrm{A} . \mathrm{F}$,



 Y., $\$ 50$.

Specifications and drawings belong ing to parties with
the following intials have been forwarded to the Patent Office during the last two weeks ending saturday, Sept
W. E. ..., of Ala. ; J. S. B., of Pa.; G. w. C. of Geo.


## A Chapter of Suggestions, \&

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