## 

F. D. of N. Y. The process of making patent lcather
 pounds of linseed drying oil, and tiventy pounds of turpentine. Indelible ink may he made by dissolving 1 1/2,
ounces of nitrate of silver in $5: 1 / 2$ ounces of strong am monia and 12 ounces of gum mucilage. It must be kep in the dark.
J. H. H., of Wis.-The best method you can pursue is to wash your level wh, weak acetic aciia applied with shade you want, then lacquer witl any varnish you think fit. We are perfectly cognizant of ourright to use this column in any way we think fit, and we
by throwing it opent o allour correspondents. by throwing it open to all our correspondent.
 parts; and oil of turpentine, 500 parts. Firist melt the conal, hen add the drying oil, heated; let them cool a that the ture entinine does not infame.
J. H. M., of N. Y.-A A sutable engraving to illustrate
your invention your invention would cost $\$ 15$.
D. B. C. of Olio-WWe will
D. B. C., of Ohiio--We will receive your state bank

biils at pur for government fees, as well as for but we would ratiar have you send us a draft on New York. The reasonfor this you can appreciate, as you are aware that we arc obliged to pay the governmen | fee in gold. |
| :---: |
| R. F. B. |

thin , 1 -We have no data from which to obtain a calcula
wrouglit iron.
L. H. M., of R. I.-James IIarrison, Jr., of this city has a patent for a machine for making spiralsprings for W. H. B., of Pa, - You will find an article on the sub. ject you refer to, in this week's paper; and you mayob-
tain further information by consulting Scott's Engineer's Assistant.
M. A. K., of ohio- You will find your question answered in that to another correspond
Cona, in No. 9 of the present volume.
C. G. M., of N. J.-We do not know where you can
get a machine for making shoe regs They are manufactured in the eastern States, but just where, we are unable to state.
IL. $H$ of
II. H., of MO.-There is no power in the Patent Office to renew a patent after it las once expired; ther eforc,
if you have neglected to ask for the extension untiln now, there is no chance for you, unless by special act of Congress. Very poor encouragement.
C. C. or Pill. Please to
to your rejected case we to ws ant the facts in regard to your rejected case. We are inclined to think that
by a vigorous prosecution a patent can be obtained. In by a vigorous prosecution a patent can be obtained. In
order to put the case properly into our hands, you will order to put the case propery into our hands, you wh
need to revoke the power of attorney mer agent, and confer it upon us Through our Braich Ofice at Washington we are prosecuting rejected cases with great success.
Conn hat a Conn., has a paten
to bea good one.
E. G., of - Your explanation of the phenomena dipper not freezing, while the water contained in the bucket in which it was immersed did, is incorrect, because you assume that the dipper and its contained Water sunk in the bucket; if we understood our correspondents $\left.\begin{array}{l}\text { letter,it did not. Xou will find our explanat on } \\ \text { under his query; and we should like to know your rea }\end{array}\right)$ son for objecting to that explanation.
P. S. of Pa.-The best cement for houses is undoubt-
cdly, the ©o.called Roman cement which we believe edly, the so-called Roman cement, which, we believe, can be procured from any dealer in building materials.
D. W. J., of Ohio.-The mineral which you have found in your locality is heavy spar, or sulphate baryta from its solution by sulphuric acid), it is much used for paint. As its name implies, it is very heavy, having a ppccific gravity of about 44.4t a verg high temperature it fuses into a beautiful white enamel.
H. J. F ., of Ind.- Your chain propeller for boats i one of the oldest known inventions forthis purp has neither novelty nor utility to recommend it E.J. N., of Mcl--Just at thise time we have no paten
law pamphlets on hand. They do not contain the fon of power of attorney for the sale of patents. The form
in geezral use will answer your purpose. Faraday's Lectures on Electricity will meet your wants. G. E. D., of Pa.-We are very ylad to learn that you intend to canvis or: subseribero, in competition for the
prizes we offer. There is a oood chance to get ppending money in this manner, and if you persevere you cannot on the 1st of January next. Bent in mind that we are able to supply all the back numbers from the beginning of this volume. Sampie numbers sent free by mail. next week. It came a little too late to receive such atple seems to be very good.
C. $J$, of N.
Y. . Such a device asyou claim is not new
. By reference to No. 2, this Vol., Sciestirie Ambrican, you will find the chaim of an extension gas tube, which
fully covers yours. If yoit have delayed your applica tion unnecessarily, it is a misfortune, as you cannot lays are dangerous.
with hot air is very great, fuel necessary to heat the air up to the required heat;
and it also enters int and it also enters into the furanace hot enough to burn
immediately. It takes no more fuel immediately. It takes no more fuel, as it may b
warmed by the waste gases from the furnace.
P. B. J., of fll.-The vine will grow well in your
State, and some excellent varictites of catawbahave already been made there. We understand that the vine
cultire has been commenced in the environs of Peoris culture has been commenced in the envirir
and Nauvoo,and has been very successful.
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 D., or N. Y., 930 .

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F. O. D
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