## evinespondents

E. H. B., of N. Y.-We do not think a patent coul be obtained for your invention. It has been proposed
to make railway cars and meat--sfes-the formerwith their windows, and the latter with their entire sidesof canvas, and to keep the canvas constantly wet by properly arranged pipes. to produce evaporation, for the purpose of cooling the interior.
W. $\mathbf{C ~ s . ~}$
W. C S., of Pa.-You can stain ivory black with a hot strong solution of logwood and copperas; and red
with a hot solution of cochineal. cream of tartar, and a little alum, or what .s better, muriate of tin-use a very small quantity of the latter. Those who color ivory
boil it in those liquors for a few minutes. Wash the ivory in soap and water, to remove any grease from it surface, before you stain it. See a recipe on page 94, Vol. 12, Scr. Am., for dyeing ivory red.
C. E. S., of Minn. Ter.-We do not no any one who is engaged in making saw mber any one who is engaged in making saw gummers at
Little Falls, N. Y. A line to the postmaster at that place would probably get you the information.
R. Morisson, of Wilmington, N. C., wishes to pur-
chase a hoisting machine for loading ships-one that will lift a hogghead of molasser. He desires to know the cost of a "beast" of this kind.
cars of a train approaching Owego on the side hill appear to be the largest, whereas they should appear of a
dininishing size, and akk an explanation of the phenomena, as you have found it is not caused by the condition of the atmosphere. Without really seeing the
train, we would be liable to give a wrong opinion of the train, we would be liable to give a wrong opinion of the
cause; but we think it must be due to reflected dight, the distance, nuch larger, sometimes, than they really are.
H. D. B
, of N. Y.-Youcan probably get the carriage striping apparatus of Messra. C. \& C. by addressin them at Croton Falls, N. Y.
castore, so that it may be removed easilyfrom anden on
to another.
B. P. B., of Pa.-We thanky ou for the complimentary allusions to our journal in your letter, and are much
pleased to learn that through it you have been able to pleased to learn that through it your
surmount your business difficulties
surmount your business dificulties.
J. B. F., of Ill.-In the Hughes' telegraph, the type J. B. F., of Ill.-In the Hughes' telegraph, the type
wheels of two apparatus, (the one at Philadelphia and the other at New York,) are so registered, as we understand it, that the one sends a letter in the intermediate
of the other, and thus on the line witin one wire two operators can be sending messages simultaneously from one city to the other
C. C. H., of Mich
burners were bored. The operations are simple but require skill. They are drilled out in the inside in a lathe, to form the hollow chamber, and the two small angle holes are afterwards drilled by a forked drill. This is for fish-tail burners. The bat's wing burner, with a narrow slot in the face, is first drilled in the
same manner as that described for the figh-tail, then same manner as that described for the fish-tail, then
the slot is cut with a very fine saw. Proper tools arere. quired for all these operations.
B. F. S., of Cal.-The increasing or decreasing of the
number of buckets in a water wheel or spokes in a carriage wheel is not the subject of a patent.
G. A. T., of N. Y.-You can procure dies for making
stencilplates from Smith \& Hartmann, of 122\% Fulton stencilplates
street, this citr. serving of timber on pages 317 and 395 , Vol XI, and pages 3, 93 and 336, Vol. XII, Sor. Am. We understand that the process of preservingtimber is still car-
ried on at Lowell, Mass., and at Northfield, Vt., on the Vermont Central Railroa,
operations. We have been informed that the treating operations. We have been informed that the treating
of railroad timbers by Burnett's srocess affords a great saving in railrond expenses.
W. H. G., of Ohio.-There is no substance which you
can interpose between a piece of soft iron and a permacan interpose between a piece of soft iron and a perma-
nent magnet to "stop" the attraction. The attraction of the magnet is inversely according to the square of the
distance. Dry air or a plate of glass are about the best non-conductors known.
U. T., of N. Y. The to preserve wood exposed to water in a well is "pitch." Put it on the wood as hot as posible, and allow it to
dry perfectly before youput it intothe water. dry perfectly before youput it into the water. If yo pregnate the wood, long exposure in the water will
tend to decompose the metallic salts, and thus injure the water.
W. M. S.. of N. Y.-We have heard that the railway tunnel through Mount Cenis was suspended on account of the difficulty of aupplying it with fresh air, but we doubt the correctness of such reports, because many
coal mines with subterranean passages of much greater length are supplied with f resh air by well kn
which may be applied to the rail way tunnel
E. C. M., of N. Y.-We never buy or sell patents or accept an interest in any invention on any terms what ever. therefore your request $\mathbf{c}$ nnot be complied with.-*
A. S. Langley, of Nashville, Tenn., desires tocorrespond with manufacturers of bakerr' ovens and cracker machine.
W. W., of Cal.-Your plan of placing a screw in front
of the plowshare to be kept revolving to prevent the of the plowshare to be kept revolving to prevent the
stubble or grass collecting on the share is not new. A model presenting essentially the same feature has bee in our office for some time. Your mode of steam
squirrels in their holes would not be patentable. have not got to supply you. We can send you all the back numbers of the present volume.
F. P. C., of N. C.- We do not know of any machine
for the separation of gold from other ores by washing that will do without constant watching, and we are innot try and invent one?
J. C., of N. Y.-Those French timepieces to which your refer cannot be found for salefin this city. B. R. B., of Pa.-The plan you describe for raising vessels or other objects is not new. The enclosing of
an india-rubber bag within ribs of metal to inflate under an india-rubber bag within ribs of metal to inflate unde
the waterafter being attached to the object to be raised is an idea submitted to us very frequently. E. T. B., of Ct.-Your egg-beater, we think, possesse H. M. H,, of N. Y.-Feldspar is to be found in Thomson quarry, up about 1966 th street, on this island. We do not know the price of fit.
M. J. II., of N. Y. There
M. J. II., of N. Y. -There are dams built with an into embrace the same principle as that you have described to prevent vibrations. We do not think a patent conld be obtained for your method.
Money receivedat the Scientific American Office on account of Patent Office business, for the week ending Saturday, March 20, 868 :-
D. H., of N. Y., $\$ 555$; G. P. J., of Iow2, $\$ 20 ;$ A. O. of Canada, $\$ 30$; J. B. Mcc., of Ky., $\$ 25 ;$ J. H. F., of Vt., $\$ 20$; J. M , of Ga., $\$ 125$; J. T., of N. Y., $\$ 555$; W Y.. $\$ 10$; G. S. R., of Ohio, $\$ 30:$ G. H. K., of N. J., $\$ 30$ P. \& H., of Conn., $\$ 30$; W. B., Jr., of Mabs, $\$ 15$; T. ©
S., of Pa., \$12; B. A. B., of N. Y., \$3; J. T. B, of $\$ 25$; C. C., of R. I., $\$ 30$; c. E. \& J. N. G.. of Pa., $\$ 27$ W. C., of N. Y., $\$ 30$; F. \& L. A. C., of N. Y., $\$ 30 ; D$.
M. L., of Pa., $\$ 25$; B. C. Van D., of Ohio $\$ 25$. E A. C., of Vt., \$10; G. W. D., of Iowa, $\$ 35$; L. L. C.. o $\$ 30$; J. A. St. J., of Wis., $\$ 30$; I. B. L., of Ind., $\$ 25$
T. S. R., of Ga., $\$ 35$; B \& W., of Pa
C. Mich., $\$ 20$; L. B. S., of N. Y., $\$ 10$; D. J. W., of Ohio $\$ 30$; J. Mcl., of N. Y., $\$ 25$; J. T., of N. J., $\$ 20$.
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