Scientific American.

TO COBBESPONDENTS.

G. V. A., of N. Y.-We are constantly receiving letters from our clients, stating that the same parties whom you name have written them under the same pretence The only object hey have is to get you to correspond with them, and then they will inform you that it is indispensable to them that your patent be issued before they consummate the trade, and add in a very insinuating polite manner, that for a small consideration, say \$5 or \$10, remitted by return of mail, they will exert an influence with the Department to get the invention examined immediately, or if a rejected case, they will get it re examined, which would do about as much good as it would to attempt to bribe the Commissioner with a ten dollar bill, These men have no reputation as Patent Agents, and their mode of pilfering from unsuspecting honest inventors is most reprehensible, and we have often wondered that the respectable agents in Washington have not taken some means to rid themselves of these pests to the profession.

J. S. K., of N. Y.-The product of smoke, obtained as ber the inventor's name, but it embraced your device. youhave described, may be used for agricultural pur poses: a bottle of it, sent from Boston, is now in our possession. Soot is used extensively in England by gar. | smooth, and hanging the buckets on an endless chain. deners, and patents have been taken out for conveying smoke from a chimney into water by an air pump. How does locomotive buildinggeton in Plattsburg?

W. S., of Me.-Ketchum's machine for mowing may be superceded ; we certainly hope and expectsome great improvements will yet be made on this class of machines Those now in use are adapted to special locations and conditions. Ketchum's machine, we are informed, does not do as well at the West as Rugg's, Bronson's, and others. It may not be what willsuit your market, hence we advise you to make a personal examination before purchasing. Don't adopt Ketchum's, nor any other's, until you are satisfied of its ability to meet the wants of the Maine farmers.

N. W , of Vt.-There is no doubtyour improvementin straw cutters embraces the same features as are claimed in the patent of Sinclair & Maynard, Nov. 15th, 1853.-The "fins" are equivalent to the flanges, and serve the same purpose: we cannot advise an application. Macomber's Patent was secured through our agency.

C. D. Y., of Va .- There is no peculiar apparatus for evaporating water, to moisten articles of manufacture, employed here : a shallow pan placed upon a stove, and supplied at intervals with water, will answer your purpose. Steam from the engine boiler is employed for such aurposes in large manufactories. A. H., of Pa.—Theore you send us appears to be iron purposes in

in different stages of oxydization. Overman's "Mineralogist" is a good little work, price about \$1. If you wish a copy we will send one on receipt of that amount.

F. McC., of Pa.-A machine having rotating cutting combined with pressue rollers, would infringe upon the Woodworth Patent. We should not feel willing to advise you to construct such a machine as you describe: it would infringe the patent, and you would be sure of

prosecution fromits owners. J. H. S. of Pa - We advise you to send us a model of

J. H. S., of PA.— we advise you to rend us a model of your n achine forexamination.
E. P. C., of N. C.—We do not find anything patentable in the indicators which you so fully describe; substan-

tially the same devices are in use. J. O. A., of Geo.-We do not think your plan can be made to operate, at least this is our opinion.

J.E., f Mass.-We are obliged for your attention: the fact which + you state respecting the eye-pointed needle is well understood.

P. W., of Mass-Your apparatus for operating the ship's rudder is not new : we have seen them operated by means of worm gear taking into cog wheels, as shown in your sketch.

-.-The exhaust valves require the J W. B., of largestopening in order to relieve the exhaust side of the piston from all resistance as quickly as possible, and therefore require to be raised the highest.

J. H. B., of Mich.—Iron is notequalto copper as a conductor, and never can be.

F. H. Pearcy-Give us Your residence, that we may be able to write you : we are often bothered in this way by our correspondents, who either fail to sign their names to their letters, or do not put down the town and State in which they reside. We are not to blame when cor respondents do not comply with these important re gards.

J. P. S. of N. Y .- Your apparatus for regulating the relative temperature of the air in dwellings and offices, is new, and if it will operate, it is useful where stoves and furnaces are used.

J L. L M., of Pa.-Your model has been razeed so as to meet the requirements of the Office, in dimension, and returned to its place for examination.

D. P. S., of N. C.-The Gardner machine, we believe would answer your purpose for crushing better than any other we are acquainted with. We know of nothing but quicksilver that will amalgamate with any degree ofcer tainty.

F. P., of N. C,-Parson's saw mill, illustrated on page 252, Vol. 6, Sci. Am., is probably as good a mill as you will be able to find for your business: address S. E. Parsons Wilkesbarre, Pr.

J. S., of O.-The question of pre-invention, between yourself and Clemens, for the car ventilator, is to b settled only at the Patent Office : he may have invented

it before you. C. L. Jr., of Ct.-Ericsson employs the pipes, but not

E. L., of Ct.-We have seen the same plan for hanging saws as the one you submit for examination : it is old and well known. J. M. P., of Geo.—" Ewbank's Hydraulics" contains a

description of Montgolfier's Hydraulic Ram. Price of this work \$2,50 J. W C., of Miss.-In the fourth volume of this paper

you will find an engraving of a rotary engine embr cing the same features as are contained in yours: it is neither new, useful, nor patentable.

G. H., Sen., of Miss.-By consulting the earlier history of railways you will find that, in several instances, the tread of both the running and driving wheels of cars were grooved and the rail made to fit therein, for the purpose of increasing the adhesion of the wheel to the rail in ascending inclines. We discover nothing new or patentable in your plan.

J, B. M., of Pa.-Some three years since, while on a visit to the Worcester Co. Agricultural Fair, we saw a boot crimping machine, constructed in the manner subtantially as shown in your sketch. We do not remem-

J. B. S., of Pa .- There is no advantage that we can discover in making the outside of a rim of a water wheel This device is old : see Rees' and Barlow's Cyclopedias, or Vol. 3, Sci. Am.

N. P. A., of N. Y .- There is no patentable feature in your printing press, and feeding the paper in an endless web i well known.

Moneyreceived on account of Patent Office business for the week ending Saturday, Dec. 17:-

W. McC., of N. Y., \$20; W. & G., of Pa., \$50; W. N.R. of Wis., \$25; G. M. C., of N. Y., \$20; S. G. B., of N. Y. \$30; R. & M., of Ill., \$32: B. & Co., of N. Y., \$150; W. H.,

of N.Y., \$10. Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Dec. 17:

T. G., of N. J.; C. W., of N. Y.; W. N. R., of Wis; R. & M., of Ill.

A Chapter of Suggestions, &c

PATENT LAWS, AND GUIDE TO INVENTORS-We publish and have for sale, the Patent Laws of the United States -the pamphlet contains not only the laws but all infor. mation touching the rules and regulations of the Pa. tent office. Price 12 1-2 cents per copy.

RECEIPTS-When money is paid at the office for subscriptions, a receipt for it will always be given, but when

subscribers remit their money by mail, they may con sider the arrival of the first paper a bonafide acknow ledgment of the receipt of their funds. BACK NUMBERS AND VOLUMES-In reply to many interro

gatories as to what back numbers and volumes of the Scientific American can be furnished, we make the following statement: Of Vols. 1, 2, 3, and 4-none. Of Vol. 5, all but six numbers, price, in sheets, \$1; bound. \$1,75. Of Vol. 6, all ; price in sheets, \$2; bound, \$2,75 Of Vol. 7, all; price, in sheets, \$3; bound, \$2,75. Of Vol.8, all; price, in sheets, \$2; bound, \$2,75; of Vol. 9, NONE.

GIVE INTELLIGIBLE DIRECTIONS-We often receive letters with money enclosed, requesting the paper sent for the amount of the enclosure, but no name of State given and often with the name of the post-office also omitted Persons should be careful to write their names plainly when they address publishers, and to name the post office at which they wish to receive their paper, and the State in which the post-office is located.

PATENT CLAIMS-Persons desiring the claim of any inven tion which has been patented within fourteen years, can obtain a copy by addressing a letter to this office stating the name of the patentee, and enclosing \$1 for fees for copying.

PATENTEES-Remember we are always willing to execute and publish engravings of your inventions, providing they are on interesting subjects, and have never ap peared in any other publication. No engravings are inserted in our columns that have appeared in any other journal in this country, and we must be permitted to have the engravings executed to suit our own columns in size and style. Barely the expense of the engraving is charged by us, and the wood-cuts may be and by the inventor, and subsequently used to ad vantage in other journals.

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American and Foreign Patent

Agency. MPORTANT TO INVENTORS.—The undersigned having for several years been extensively engaged in procuring Letters Patent for new mechanical and chem-ical inventions, offer their services to inventors upon the

DLANING MACHINE—A new patented Planing Machine, by L. Gilson, of Boston, Mass., calcutated for wheelwrights, car and sash manulacturers, &c. &c. It will plane any given circle. and on bevels from 36 deg. to an upright : the machine planes lumber out of wind-ing and straight stuff. The cylinder is a rotary on which the cutters are fastened. For further particulars address JUEL WHINEY, 152* JULY MHINEY, Mass.

AGNETIC IRON ORE-For sale, 10,000 tons AL from the celebrated Ames Vein situated at Frank In, N. J., belonging to the New Jersey Franklinite Co.: apply to 15 2* 91 Washington st., N.Y. _.

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UNITED STATES PATENT OFFICE, Washington, Dec. 2, 1833, New York, praying for the extension of a patent granted to him on the 2nd day of September. 1840, and anted ated 2nd March, 1840, for an improvement in Ma-chinery for making Hook-headed Spikes, for seven pears from the expiration of said patent, which takes place on the 2nd day of March, eighteen hundred and Mity-four-

http://dur-Itis ordered that the said petition beheard at the Pa-tent Office on Monday, the 18th day of February next, at 12 octock, M.; and all persons are notified to appear and show cause, if any they have, why said petition ought not be granted.

ough not be granted. Persons opposing the extension are required to file in the latent Office their objections, specially set forth in writing A: the at twendy days before the day of hearing ; all testinnony filed by either party to be used at the said hearing must be taken and transmitted in accordance with the rules of the office, which will be furnished on andication.

with the rules of the office, which will be turnished of application. Ordered, also, that this notice be published in the Union, Intelligencer, and Evening Star, Washington, P. C. Fevenis National Argus and Pennsylvanian, Phila-delphia, Pennsylvania, i United States Argus, and Scientific American, New York; Boston Post, Boston Massachusetts: Atlas. Albany. New York; Morning Post, Pitsburg, Pa., and Enquirer, Cincinnati, Ohio, once a week for three successive weeks previous to the thir-teenth day of February next. Commissioner of Patents. P = Editors of the above napers will picase copy and

CHARLES MASON, Commissioner of Patents. P. S.—Editors of the above papers will piease copy and send their bills to the Patent Office, with a paper con-taining this notice. 14 3

BALING AN PAPENTS.—MESSRS. MUNN & CO. **MAPPENTS.**—MESSRS. **MAPPEN**

TRON DRILLS.—Portable drills for drilling iron.— They are the most simple and convenient drill in use, having a newly invented feed motion, simple and effi-cient in its operation. They are constructed of iron, and weigh 80 lbs. We can recommend them as a first rate article. Price \$30. Address MUNN & CO., at this office.

TO INVENTORS—The "Inventors Protective Na tional Union,"composed of inventors only is now organized. You areinvited to become members by send-ing your address, the names of your inventions, and \$5, to the Superintendentor Secretary; your name and in-ventions are recorded in the book of the Constitution and By Laws, from which time you can participate in all the advantages of the Society. Copies of the Con-stitution and By Laws will be sent to inventors, on ap-plication, gratis. L. B. PAGE, Superintendant. Crystal fraince. New York. Hammon Hows, Sec'y, Washington City. 143* _____

CARK'S ARTIFICIAL LEG—Made by Marks Without and Much improved Legis considered superior toany other, for ease, and natural motion, durability, and beauty. D. B. MARKS & A. A. MARKS, inventors. 149* beauty. 142*

NO MANUFACTURERS AND MILLERS-For To MANUFACTURERS AND MILLERS-For rale, a valuable Mill Seat, within one mile of the city of Troy, N. Y. It comprises two four story Brick Flouring Mills, each of which have four run of stone, and are capable of doing the best of grinding. Two wood dwelling houses, and one bearn, with considerable land adjoining the whole. The stream upon which the aboveseat is situated is known as the Poestenkill, and furnishes strong power of 22 feet head, so that the mills could be converted, if the purchaser wishes, into other branches of manifecture. The buildings are well situa-ted, and the facilities a manufacturer would have are very great, owing to the position of Troy as a noted and increasing raincad center, and the accessibility to and irem the city, of the property. The object of a sale is for partition among the heirs. For plans and further part(culars apply to raiddress).

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EXACLE FOUNDRY—Steam Engine and Millwright Establishment for sale.—The subscriber offers for sale his well known establishment on Gadsden's Wharf Charleston, S. C., convenient to theriver tor steamboat work or shipping and receiving machinery, &c. The workshop, tools, patterns, &c., are in good order and calculated for the manufacture of all kinds of engines, railroad work, and machinery of every description. For immediately, apply to 156° Loarleston, S. C. Registing AND PACKING MACHINE—This machine is particularly adapted for the weighing and packing of ground spices, collect teas, saleratus, cream tartar, British luster, arrowroot, diugs, prepared four, farina, starch, cocca, cat meal, yeast powders, seeds, snuff, ground herbs, or any like material, which may require to be put in packages, irom ounces to pounds. Its advantages over the old method of pack-ing by hand, are manifest. One of these machines will, with the all of one person, weigh accurately, and pack neatly, from 4to 5,000 packages per day. It requires very little power to run it, and is not llable to get cut of repair. Having purchased the exclusive right to manu-facture and self throughout the United States, we are prepared to execute orders for the machines or sale of section al rights, on reasonable terms. N. B. HARRIS & Co., Preprietors of the Excelsior Steam Spice Mills, Philadelphia, Pa. 12 18

DOB'T. GRIFFI'IHS—Has put up a Railroad Chair A Machine, at the Fountain Green Rolling Mill, and it gives juil satisfaction as to its capability for doing work well ; it is a good machine, and will make from six to seven tons of chairs per day, on a side: by run-ning the whole machine constantly the day through, it will make from 12 to 14 tons of chairs in one day. Ad-eress ROBERT GRIFFITHS. Allegheny C.ty, Pa. 182

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B. HOTCHINSON'S PATENT STAVE Cut-G B. HUTCHINSON'S FATENT STAVE Cut-to ting Machines—The best in use, and applica...e alike to thick and thin staves, for barrels, hogsheads, do: also his Head Cutting and Turning, and Stave Joint-ing and Crozing Machines. This machinery reduces the expense of manufacturing at least fity per cent. For machines or territorial ruleits, apply to C. B. HUTCH-UNSON & CO., Syracuse, N. Y. 2tf

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NICHOLS' PATENT PARAGON SAFETY CANS and Glass Metallic-lined Lamps.—These beautiful glass lamps protect against breakage as well as against explosion. They are infinitely superior to all others. Orders addressed to the N. E or Sandwich Glass Cos., Boston. Mass., will be promptly answered. 10 10*

THE NEW HAVEN MANUFACTURING CO.-New Haven, Conn., having purchased the entire right of E. Harrison's Fiour and Grain Mill, for the Uni-ted States and Territories, for the term of five years, are now prepared to furnish said mills at short notice. These mills are unequalled by any other mill in use, and will grind from 20 to 20 bushels per hour of fine meal, and will run 24 hours per day, without heating, as the mills are self-cooling. They weigh from 1400 to 1500 lbs. of the best French burr store, 20 inches in diameter; snugly packed in a cast-iron frame, price of mill \$200, packing \$5. Terms cash. Further particulars can be had by addressing as above, post paid, or to S. C. HILLS, agent N. H. M. Co., 12 Platt st., N. Y.

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B. ELY, Counsellor at Law, 52 Washington street, Boston, will give particular attention to Patent ases. Refers to Messrs Munn & Co., Scientific American. Cases. 16tf

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