Zcientific American.

TO CORRESPONDENTS.

W. H., of N. Y.—We cannot reply to your inqui-

4, Sci. Am.

J. W. W., of Vt.—There are no patents upon the expresses a wish to receive the back numbers. Camera Obscura, nor improvements of any particular importance, since Dr. Woolaston's day. There are extensive glass works in Brooklyn, N. Y., and Jersey City, N. J. We do not understand their mode of transacting business.

A. H., of St. Louis-An engraving of your appara tus will cost \$8; this can be done before or after your application is acted on at the office.

J. B., of Pa-When your patent is issued you can send us the drawings and description for publication, be furnished, we make the following statement: -no one could well understand the contrivance from the explanation given.

W. H. G., of Ohio.-It would not be easy for us to furnish such information as you desire, as our time would not permit of it. We would like to do so, notwithstanding.

N. A., of Ct.-We would think it quite difficult to get a patent for the Clothes Line Reel; boxes having reels encased for the same purpose. have long been in use, and such additions as you have made, although convenient and useful, could not be paten ted, and you are advised not to apply.

G. J. M., of Ct.-We have no charge against you and shall be glad to learn that our advice is of ser-

J. H. R., of Pa .- At present our wants are fully supplied: we cannot tell now what we may require in the spring, but think, as we have a number of young men who are making rapid progress, that our corps will be full for 12 months at least.

E. B. J., of N. Y .- We are unable to state where such machinery as you want can be had; it is not made in this section.

J. P., of Pa.-There is no such work as the Journal of Gas Lighting, nor any work which will give such information as you desire.

J. J., of Ohio.-Your fence, we believe, is a very convenient one, and has much to recommend it, but we do not see on what point we could institute a patent claim. Have you read our history of propellers in Volume 5? In the small volume published, of the same, you will find your devices, in principle, illustrated on pages 42, 43, 74, 76, and 77.

T. G. C., of Ohio.-Your amendments to the Patent Laware embraced in the printed Bill, and in that J. L. Mott, of this city, both of which were before the last Congress. We believe as you do.

C. B. F. of Pa.-We are obliged to you for the facts communicated; we may use them some other time.

D. R., of Pa .- The address is Henry Carey Baird Philadelphia; we presume there is some error which would be explained by letter.

S.D. S., of Ohio-Yousayyou think the fee charged by us is large, and think our reason is because you are a poor man. This is really very bad philosophy, and places us, if true, in rather an unenviable position towards the poor. We have always considered poverty no crime, and have taken refreshment under this impression. Of course we do not expect nor wish to be employed to do your business under such circumstances.

F. K., of Ct.-Well: your invitation is one that would be rather expensive for us to accept: the only way for you to secure your invention is to make a model and apply for a patent as soon as possible; we can give no better advice, if it is new and useful.

F. D., of Vo.-Mr. Cary resides at Brockport, N. Y. His patent was secured through our office, and we believe his invention to be a meritorious one.

A. & W. B., of N. Y .- Your model was found at the Patent Office, hence there is no necessity for you to furnish another.

E. L. S., of Mass.-The invention to which you refer has never been patented.

B. L., of C. E .- The high rates of postage on papers sent out of the States prevent many from subscribing to papers published in this city, who otherwise would. We can offer you no inducement worthy acceptance; the amount we are obliged to deduct from each yearly subscription from your place

would not suit your wants.

Meriden, Ct.

ness for the week ending November 8.

W. ▶ V., of N. Y., \$35; C. J. B., of N. H., \$5•; J P. S. & Co., of Ct., \$20; F. H. M., of N. Y., \$32; G J. W., of Me., \$3•.

An Important Paragraph.

To preclude subscribers the necessity of writing ries as you have put them: if you wish our opinion; for back numbers of the Scientific American, we on your Sewing Machine, we shall require you to fur-nish us with a sketch and description, or a model. ting their subscriptions from the commencement un-E. A., of Mich.-We have examined the model of less they instruct to the contrary. We shall send your sash fastener; it does not contain any patenta- 'the back numbers issued on this Volume until No. ble novelty. See Arnold's Patent, illustrated in Vol. 13, after that time the names will be entered from the date of the reception of orders, unless the writer

> Whenever our friends order numbers they have missed-we always send them if we have them on hand. We make this statement to save time and trouble, to which we are subjected in replying when the numbers called for cannot be supplied.

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In reply to many interrogatories as to what back numbers and volumes of the Scientific American can

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American and Foreign Patent
Agency
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TOHNSON'S UNEQUALLED SAW GUM-JOHNSON'S UNEQUALLED SAW GUIN-MER for gumming out the teeth of saws, an article indispensible for saw mill owners. This article has been thoroughly tried and well approved, for sale by G. A. KIRTLAND, 205 South street, New 9 9*

McCORMICK'S PATENT REAPERS AND MOWERS.—1700 of these machines, for which the great Medal of the World's Fair was awarded, are being manufactured at Chicago, Ill, with the intention of supplying the South-eastern States for the next harvest The gold medal of the Chicago Institute was recently awarded for this Reaper and Mower, tested against two other mowers, in cutting prairie grass; and the first premium of the State Agricultural Societies of Wisconsin, Michigan and Pennsylvania, were also awarded at their late Fairs. Price \$120 at Chicago, and \$122 delivered at Philadelphia; terms otherwise accommodating.

1851 ton 1856.----WOODWORTH'S PA-dredth of all the planed lumber used in our large cities and towns continues to be dressed with Woodworth's Machine. Price of the machine from \$156 to \$760. For rights in the unoccupied towns and counties of New York and Northern Pennsylvania, apply to JOHN GIBSON, Planing Mills, Albany, N. 2 apply to JOHN GIBSON, Planing Mills, Albany, N. 9 10*

BALLOONS.—I am prepared to manufacture Hydrogen Balloons of from 1 pound to 50,000 lbs. ascendingpower to order. Balloons capable of carrying up one or two persons always on hand. The Balloons will be of the most perfect construction, so that any person can, with certainty and safety ascend with them. Instructions to insure success given to purchasers gratis. JOHN WISE, Lancaster, Pa. 9 10*

is 50 cents.

A. P. G., of Ill.—You cannot obtain such a work as you want. What publications there are upon carniage building and painting are of ancient date, and would not suit your wants.

CARD.—The undersigned begs leave to draw the attention of architects, engineers, machinates, opticians, watchmakers, jewellers and manufactures of all kinds of instruments, to his new and extensive assortment of fine English (Stubs) and would not suit your wants.

D. C., of Ill.—We think small-sized planing machines are manufactured by Oliver Snow & Co., of Meriden, Ct.

Money received on account of Patent Office business for the week ending November 8.

Extensive assortment of fine English (Stubs) and Swiss Files and Tools; also his imported and own manufactured Mathematical Prices. Orders for any kind of instruments will be promptly executed by F. A. SIBEN-MANN Importer of Watchmakers' and Jewellers' Files and Tools and manufacturer of Mathematical Instruments 154 Fullton st.

9**

P.S. & Co., of Ct., \$26; F. H. M., of N. Y., \$32; G.

J. W., of Me, \$36.

Specifications and drawings belonging to parties

BROOM MACHINERY.—The most improved and durable machinery for the manufacture of Brooms, for sale by JACOB GRAY, Scotia, Schenewith the following initials have been forwarded to tady Co., N. Y. Address post-paid.

4 8*

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Nov. 8:—

A. W., of Mass.; C. & McD., of Pa.; D. T., of N. Y.

Y., of M. Y., of M. Y., of M. Y.

Sending Receipts.—Postage on Books.

The Post Office Laws do not allow publishers to enclose receipts; when the paper comes regular subscribers may consider their money as received.

Subscribers ordering books or pamphlets are particularly requested to remit sufficient to pay postage.

The Moth Machiner for the manufacture of Brooms, for sale by JACOB GRAY, Scotia, Schenect add Co., N. Y. Address post-paid.

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JAROH FOUNDERS MATERIALS—viz.: fine Brooms, for sale by Ground and Bolted Sea Coal; Charcoal, Lehigh, Continent, and are now offered in competition with a sopstione and Black Lead Facing. Iron and Black Lead Facing

TRAUTWINE ON RAILROAD CURVES.

TRAUTWINE ON RALLROAD CURVES.—
By John C. Trautwine, Civil Engineer, Philadelphia; just published and for sale by WM HAMILTON, Actuary of the Franklin Institute Price \$1.
"This is a really good work, and we heartily recommend it to our civil engineers."—[Scientific Am.
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PATENT FELLY MACHINE.—This machine ATENT FELLY MACHINE.—This machine, for cutting fellys for wheels, is superior to anything of the kind for that object; with it, cutters are used instead of saws, and are easily a justed to produce any required circle, in common use, leaving them perfectly smooth, thereby making a great saving of expense in dressing them for use. This machine was patented in 1850. For machines, or county and State rights, address JOSEPH ADAMS & SON, Amherst, Mass; J. B. Wynne, Agentforthe State of S. C. P. S.—Agents wanted to travel in Southern and Western States, to sell rights for the above machine. Good references will be required.

POST'S PATENT SLIDING DOOR FRONTS

-For Stores and Public Buildings; a new, cheap, and simple fixture for securing store fronts, which and simple institute for securing store from; which renders them fire and burglar proof, has been invented and patasited by the subscriber, who is now prepared to sell rights. Messrs. Quarterman & Son, 114 John st., N. Y., are general agents. Address (post paid) Wm. POST, Architect, Flushing, L. I. § 3m

TILTON's Patent Violin.—The undersigned having patented his Violin Improvement, is prepared to exhibitit to the public. Being now in New York, he may be found at No. 18 Park Place (Mr. J. Wiley's), where he will be pleased to see such gentlemen as take an interest in his invention. All communications addressed "Wm. B. Tilton & Co.," as above, or at Carrolton, Pickens Co., Ala.

3 12* WM. B. TILTON.

LEROW & BLODGETT'S PATENT ROTA-having purchased the right to use, sell, and manu-facture these machines for the States of Alabama and facture these machines for the States of Alabama and Mississippi, and their other business engagements preventing them from giving it their personal attention, they are disposed to sell out their right to the above-mentioned States, or counties in them, if preferred, upon favorable terms. To an energetic and industrious man we will sell upon such terms as will insure a large and handsome profit. Apply to Mr. W. SCRUCGES, of the firm of Messrs. Scruggs, Prake & Co., Charleston, S. C., or to WM. MAILLER, De-

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with states and severe cuts, sprains, pairs, we sold in large bottles, price 25 cents, at the principal office, 137 Broadway, New York, and by the principal merchants and druggists throughout the United States, Canada, Mexico, West Indies, Great Britain, France, &c.

CLOCKS FOR CHURCHES, PUBLIC BUILDINGS, RAILROAD STATIONS, &c., and REGULATORS FOR JEWELLERS.—The undersigned having succeeded in counteracting effectually the influence of the changes of the temperature upon the pendulum, and introduced other important improvements in the construction of clocks, 2re prepared to furnish an article, superior in every respect (the highest grade warranted to vary less than two minutes in a year) to any made in the United States. Complete opportunity will be afforded to test their qualities. Glass (illuminated) dials of the most beautiful description furnished. Address SHERRY & BYRAM, Oakland Works, Sag Harbor, Long Island, N. Y.
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Mr. Byram is a rare mechanical genius.'—[Jour

PATENT CAR AXLE LATHE-I am now manufacturing and have fee PATENT CAR AXLE LATHE—I am now manufacturing, and have for sale, the above lathes; weight, 5,500 pounds, price \$600. I will furnish a man with each lathe, who will turn and finish axles for 50 cents each, if desired. I have also for sale my patentengine screw lathe, for turning and chucking tapers, cutting screws and all kinds of common job work, weight 15:00 bis, price \$225. The above lathe warranted to give good satisfaction. J. D. WHITE, Hartford, Ct.

MACHINERY FOR SALE—Four dead spindle filling frames, 1-16 strand speeder, 1 warper, 1 lapper, &c. Also turbine water wheels, 6 ft. diameter, of most approved patterns, at \$275 each; a breast wheel, &c; 29 feet long, and an iron under-shot water-wheel.

New Haven, Oct. 22, 1851.

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VALUABLE WATER POWER and Machine-V ry for sale in Virginia.—This property is situa-ted on the Rivanna River and Virginia Central Railted on the Rivanna River and Virginia Central Railroad, within one and a half miles of the town of
Charlottesville, and known as the "Charlottsville
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with the usual accompaniment of machinery, wool
cards, jack, &c., grist, plaster, and saw mills, iron
foundry, brick store-house, and dwellings for some
ten or a dozen families; also a variety of carpenters',
machinists'. and blacksmiths' tools, comprising cutmachinists', and blacks iths' tools, compr machinists, and blacksmiths tools, comprising cut-ting engine, lathes, screw tools, &c. The entire pro-perly will be sold at public auction on Thursday, Dec. 2nd next, on very accommodating terms. For further information address J. W. Saunders, J. A. Marchant, or the undersigned, Charlottesville, Va., 8 3*

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CRANTON & PARSHLEY, Tool Builders, New Haven, Conn., have on hand six 12 ft. slide lathes, 28 in. swing; also four 8 ft. do.; 21 in. swing, with back and screw gearing, with all the fixtures; one 5 ft. power planer; 12 drill presses, 4 bolt cutting machines, 30 small slide rests; 5 back geared hand lathes, 21 in. swing; 15 do. not geared; 8 do. 17 in. swing on shears 5 l-2 feet; 25 ditto with and without shears, 13 in. swing; counter shafts, all hung if wanted suitable to the lathes. Scroll chucks on hand; also index plates for gear cutting. Cuts of the above can be had by addressing as above, post-paid. 47tf

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for Tubular Boilers—from 1 1-4 to 7 inches in diameter. The only Tubes of the same quality and manufacture as those so extensively used in England Scotland, France and Germany—for Locomotive Marine and other steam Engine Boilers.

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This Lathe is capable of turning under two inches diameter with only the trouble of changing the dies and pattern to the size required. It will turn smooth over swells or depressions of 3-4 to the inch and work as secondary as on a stratche language of the price of \$25 coxed and shipped with directions for setting up. Address (post-paid) MUNN & CO.

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8 10*

DANIEL BELCHER.

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—Patented January 9th 1954 WOOD'S IMPROVED SHINGLE MACHINE

—Patented January 8th 1850, is without doubt
the most valuable improvement ever made in this
branch of labor-saving machinery. It has been
thoroughly tested upon all kinds of timber and so
great was the favor with which this machine was
held at the last Fair of the American Institute that
an unbought premium was awarded to it in preference to any other on exhibition. Persons wishing
for rights can address (post-paid) JAMES D. JOHNSON, New Haven, Ct.; or WM. WOOD, Westport; Ct.,
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EONARD'S MACHINERY DEPOT, 109
Pearl-st. 60 Beaver N. Y.—The subscriber is constantly receiving and offers for sale a great variety
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Passage, Freight and all other descriptions of railroad Cars, as well as Locomotive Tenders, made to order promptly. The above is the largast Car Factory in the Union. In quality of mat all and in workmanship, beauty, and good taster, as well as strength and durability, we are determined our work shall not be surpassed.

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THOMAS J. FALES JOHN R. TRACY, THOMAS J. FALES. 39tf

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