Scientiste American.



E. J. C., of Miss - Wheeler & Wilson's sewing machin is generally preferred for fine work, such as shirts, &c. and Singer's for heavier work, such as sewing strong

G. C. H. of Philadelphia-We are not acquainted with any person who manufactures small water pressure engines to drive printing presses. If you have sufficient fall, or water pressure, a small turbine wheel will answer your purpose. Write to any of the manufacturers of them who advertise in our columns. You might also write the publishers of the Boston Traveler.

F. D., of N. Y.—The idea you suggest to employ air for ladies' skirts instead of hoops is not new. This im-provement was recently illustrated in the London Punch. The engraving represented a number of young ladies preparing for a ball, each in turn performing th office of "skirt-blower." The idea is a good one, as it renders the subject capable of almost indefinite expan

T. V. C., of Ohio.-Good wine can be made of straw berries and currants. Express the juice from them, add to it three times its quantity of water and a pound of sugar to each gallon; then allow the whole to ferment for three days. Now run off the clear liquid into a tight cask, and keep it in a cool cellar for four months, or

longer, before using it.
R. H. B., of Mich.—On page 83, Vol. 11, Sci. Am. there is an illustrated description of a new method of extracting silver from lead. It is the best we can recommend to your attention.

J. N. C., of Ala.—The common kind of sumach used here in dyeing and in tanning leather is obtained from Sicily. None of our native sumachs are sold in the market, consequently there is no fixed price for them.

M. V. DeC., of Ga.-Write to Appleton & Co., Broad way, this city, for "Tredgold on the Steam Engine," and Blackie & Son, Fulton street, this city, for D K. Clarke's work on Raitroad Engineering.

W. V. D., of Ky.-Weissenborn's work on Engineering will be superior to the one to which you refer, judging

from its early specimens. H. M. S., of N. Y.—You ask whether the electric fluid runs from one station to another in telegraphing, whether it travels at all, or whether it goes both ways at once? These are intricate and unsettled questions of science We believe that the electricity travels from station to

A D. C., of Vt.—Last year, some flighty person pro posed to us the plan of a balloon which was intended to be in readiness to take a pleasure party from the top of the White Mountains over to Saratoga during the sum-summer, but we never heard of its appearance at either of the above places. We therefore conclude that the scheme turned out to be all gas.

R. T. S., of Md.—There is no special work publish

horse power machines employed to operate grain

J. W., of Philadelphia.-We are not personally ac quainted with any person in your city to whom we can refer you for selling your Patent Right.

W. S., of Mass.—Steam flying machines are not described in any work, from the fact that no such machine has ever been tried. Small steam engines were built for a flying machine in this city in 1849, but they were never

A. P. S., of Ohio.-The fire crackers of commerce ar not manufactured in this country. We believe they are made only in China. They are much higher this year than usual owing to the difficulties existing there. It would trouble even an ingenious Yankee to produce them as cheap as they are ordinarily sold in this market G. H., of Pa.—" Please answer me the following ques-

tion in Patent laws:—Suppose A buys the right for a cer-tain Patent for Cumberland county, Pa, is it lawful for B, living in an adjoining county, to come to A in Cum berland county, buy the manufactured article, and take it to the adjoining county and use it?" We answer, it is not. B would be liable to pay for the right to use the article so patented to the owner of the adjoining county.

C. O. M. of Mich—For every gallon of lard oil use

half an ounce of quick lime, put the oil and lime into a vessel heated up to 212 deg., and stir them well for tifteen minutes, then cool down and allow the sediment to set. tle. Use the clear for lubricating the journals of fine ma chinery, and you will find that it will not "gum" so readily as before it was thus treated. The sediment may be used forgreasing carriage axles.

I. H. N., of Vt.—Minifie's Book on Drawing is an ex excellent elementary work. The price is \$3. Published by W. Minifie, Baltimore, Md.

R. & V., of Va .- We consider the Alum or "Phœnix safe as by far the most fireproof of any in use. They are made, we think, only in this city.

Money received at the Scientific American Office on account of Patent Office business for the week ending

on account of Patent Oline business for the week ending Saturday, July 11. 1857:—

J. G., of Pa, \$23; C. K. Jr., of N. Y., \$25; H. D., of Mass., \$6); L. C. S., of Conn., \$25; G. C. T., of Mass., \$55; E. L. G. of Conn., \$30; F. N., of N. Y., \$25; W.M. S., of N. Y., \$750; W. W. B., of N. Y., \$51; S. V. S., of N. J., \$109; M. C. R., of Ohio, \$25; S. P. G., of Wis., \$30; G. D. L., of N. Y. \$35. J. W. of Kr. \$55. N. J., \$109; M. C. II., of Unio, \$25; S. F. G., or Wis, \$39; G. D. L., of N. Y., \$35; J. W., of Ky., \$55, C. M. L., of N. H., \$55; A. O. B., of Ky., \$30; J. E. of Ohio, \$30; Z. & B., of Mo., \$30, G. B. P., of N. Y., \$30; G. W. S., of N. Y., \$50; J. B., of III., \$30; E. G., of N. Y., \$50; H. O. A., of La., \$30; J. S. & Co., of N. Y., \$30; N. N., of III., \$30; L. N. of N. Y., \$50; R. P., of Mich., \$30; J. C., of Ohio, \$25; L. T. & Co., of R. I., \$30; A. J. & J. A. F., of Vt., \$25; S. D. H., of N. H., \$20; H. B., of Conn., \$25; G. D., of Wis., \$25; W. & P., of N. Y., \$275; A. D., of N. C., \$22; J. L., of Wis., \$30, J. P., of Conn., \$25; J. B., of Ohio, \$30; B. D. S., of Mass., \$25; R. H. L., of Pa., \$30; W. W., of Mass., \$30.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent the following initials have been forwarded to the Fatent Office during the week ending Saturday, July 11, 1857;

L. C. S., of Conn.; J. McM., of N. Y.; W. W. B., of N. Y., (2 cases); C. K., Jr., of N. Y., M. C. R., of Ohio; J. G., of Pa;, A. J. & A. J. F., of Vt.; A. D., of N. C.; G. & W., of Ohio; J. C., of Ohio; G. D., of Wis; G. C. T., of Mass.; H. D., of Mass.; B. D. S., of Mass.; E. G., of N. Y.; J. P., of Conn. G., of N.Y.; J. P. of Conn.

IMPORTANT TO INVENT-ORS.

The rapid growth of our Patent Agency Business, during the past three years, has required a great addition to our ordinary facilities for its performance, and we are now able to announce the completion of a system which cannot fail to arrest the attention of all who have business of this kind to transact.

business of this kind to transact.

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from every quarter as this, consequently there are
greater advantages in regard to the transmission of models, funds, &c., through the various channels that center
in New York. Two of the partners of our firm reside
here, and during the hours of business are always at
hand to counsel and advise with inventors. They are
assisted by a corps of skillful Examiners, who have had
many years of active experience in the preparation of
cases for the Fatent Cffice.

To render our Patent Agency Department complete in
every respect, we have established a

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every respect, we have established a
BRANCH OFFICE IN THE CITY OF WASHINGTON,
on the corner of F and Seventh streets, opposite the
United States Patent Office. This office is under
the general care of one of the firm, assisted by experienced Examiners. The Branch Office is in daily
communication with the Principal Office in New York,
and personal attention will be given at the Patent Office
to all such cases asmay require it. Inventors and others
who may vist Washington having business at the Patent
Office are cordially invited to call at our office.

Office are cordially invited to call at our office.

A SPECIAL REQUEST.

Our facilities for the speedy preparation of cases previous to the application for the patent being much more extensive in New York than at Washington, we especially require that all letters, models and remittance should be made to our address here.

EXAMINATION OF INVENTIONS.

We have been accustomed from the commencements:

EXAM,NATION OF INVENTIONS.

We have been accustomed from the commencement of our business—twelve years since—to examine sketches and descriptions, and give advice in regard to the novelty of new inventions, outhout charge. We also furnish a printed circular of information to all who may wish it giving instructions as to the proper method which should be adopted in making applications. This practice we shall still continue, and it is our purpose at all times to give such advice freely and candidly to all who apply to us. In roccase outlined advice an inventor to make application unless, we have confidence in his success before the Patent Office.

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When doubt exists in regard to the novelty of an invention, we advise in such cases a

When doubt exists in regard to the novelty of an invention, we advise in such cases a

PRELIMINARY EXAMINATION

to be made at the Patent Office. We are prepared to conduct such examinations at the Patent Office through our "Branch Agency," upon being furnished with a sketch and discription of the improvement. Cur fee for this service will be \$5.

After sufficient experience under this system, we confidently recommend it as a safe precautionary step! all there will be no rejections under the system R is impossible to avoid such results in many cases, owing to the examination of cases; but, nevertheless, many applicants will be saved the expense of an application by adopting this course. Applicants who expect answers by mail must enclose stamps to pay retura postage.

THE COSTS ATTENDING AN APPLICATION for a Patent through our Agency are very moderate, and great care is exercised in their preparation. No cases are lost for want of care on our part in drawing up the appers, and if the claims are rejected, we enter upon a speedy examination of the reasons assigned by the Commissioner of Patents for the refusal, and make a report to our clients as to the prospects of success by further prospection.

missioner of Facents for the refusal, and make a report to our clients as to the prospects of success by further prosecution.

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REJECTED APPLICATIONS.

We are prepared to undertake the investigation and prosecution of rejected cases, on reasonable terms. The close proximity of our Washington Agency to the Patent Office affords us rare opportunities for the examination and comparison of references, models, drawings, documents, &c. Our success in the prosecution of rejected cases has been very great. The principal portion of our charge is generally left dependent upon the final result.

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VILUAMS' PATENT AXLE for Carriages.—
Patented May 26,1857. The proprietors of the
above named patent offer for sale rights to manufacture
and use the article for States, counties, and towns. A
full description of the patent can be seen in the Scientific
American of June 20. For further particulars apply to
T.W. WILLIAMS, 5 Forrest Place, or H. T. HOYT.
Tenthand Chestnut sts., Philadelphia.

TIME TEN SOUTHERN STATES—The right to manufacture and sell a valuable article, (paten issued June 30, 1857) in the above-named States, is now offered for sale at 393 Broadway, corner Walker street New York. R. S. JENNINGS, Patentee. 45 4*

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Mechanics' Institute of Tennessee will be held at Nashville in October next. Exhibitors from all the States
will be permitted to enter articles and compete for the
first premiums. For particulars address w.M. STOCK.
ELL, President, or H. K. WALKER, Secretary. 455

superior style and workmanship, of various sizes, and the latest improvements. Also Steam Engines and Boilers, Sash and Blind Machinery, Lathes, Planers, Drills, Belting, and all kinds of Machinist's Tools on hand, and for sale at the Machine Depot, 163 Greenwich st., New York. A. L. ACKER MAN. 45 8

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42 13*

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