Scientific American.



J. B. B., of Fla —The rust on the interior of your iron pipes may look very formidable, but it cannot in any manner injure the health of persons using the water Oxyds of iron are innoxious—in fact, nearly all the virtues pertaining to mineral springs are due to iron in the water. Lead oxyds are poisonous, and if, as we somewhat doubt, it is common for water to become impregnated with lead from pipes, lead is highly objectionable.

W. C., of 111—Exhaust steam from an engine may be used to advantage in steaming timber, whether the object be to render the same temporarily flexible, or to more rapidly season and kiln dry it. No peculiar apparatus is required further than to allow a tolerably free escape for the steam from the opposite end of the box or cham-

ber from which it is received.

C. S. G., or S. C.—Car seats have been made adjusta

be in the manner you propose for carriages.

C. S., of N. Y.—There is nothing new in the applica tion of a governor to control a single valve to vary the cut-off Wo have seen a common slide valve operated in that way by more than one contrivance. There is no in our opinion anything patentable in that feature of your

D. R., of N. C.—Your almanac is undoubtedly correct, and the rule given in Haswell must consequently be con-

sidered only approximately accurate.

L. V. B., of Ky, -We know no means of making elastic tubing perfectly gas tight. We use such a tube in our office to supply a movable burner, but it leaks sufficient to produce a strong smell of gas at times.

G. P., of Va — You will oblige us by giving diagrams of

your wheel and boats

S. M. & Co., of O.-Address Nicholas Vivian, Consulting Eagineer, Pittsburg, stating particulars.
R. L. S., of N. Y.—Yes. The summits of the highest

mountains even in the torrid zone are always covered with ice and snow.

W. B., of Mass., wishes to know what is used for staining pine in imitation of black walnut? We have never heard of any such staining.

J. W. N., of Ind.—The printing of pictures or maps on handkerchief's is a very old idea. We can remember when our heart was made glad, twenty-five years ago. by a present of a cotion handkerchief costing 25 cents, with the verses "Mary had a little Lamb," printed thereon in blue colors around the engraving, characteristic of the subject of the verses.

H. W., of Pa.-There is nothing new in the device It. W. of Fa.—There is nothing new in the device you propose for a decanter stopper. It is old and well known. The inquiry in regard to the blind slat we cannot answer without a preliminary examination.

J. R. V. O., of Cal—Your plan of operating paddles of steamboat wheels, so as to cause them to dip into, and leave the water edgewise by means of a series of cogged

gearing, would not save the waste of power against which you complain. The friction attendant upon this great amount of gearing would more than counterbalance the proposed advantages. We cannot encourage you to ap for a patent on it.

T. B., of Ky.-We understand you to inquire whether a person who owned a right, under the original grant can re-construct a machine to take the place of one which was burned after the patent had been extended? We should say he could not. He could repair the old machine until it was worn out; but if he had the mis-fortune to lose it by fire we do not think, under the former decision of the United States Courts that a new machine could be built.

A. R. of ill.—There has been some delay in the examination of cases in the agricultural department of the Patent Office in consequence of the absence of Chief Exam ner Lawrence. His return will undoubtedly cause a prompt disposal of your case, and we hope you will soon receive your Letters Patent.

E. M. K., of O.—The device you propose as a substi-

tute for the crank is the oldest contrivance known to us for the purpose, and has been re-invented times almost without number—It is wholly useless for all practical purposes, and can no more compete with the simple crank in efficiency than the feeblest star can outshine

W. S., of N. Y.—The area of a circle is the amount of surface in square inches, teet, or the like, which it covers, the square of the diameter is the area of a square which would just enclose the said circle, and the cube is the solid contents of a box which would contain a sphere of that diameter. Study any of the common books on mathematics. The Patent Office Report for 1356 will probably be out in September.

L. H. M., of lnd. - What have you invented? Give us some point to aim an answer at.

S. G. of O - We have never known of precisely like yours; still there is no particular feature of novelty about it. Weighted buckets suspended as you describe are old, and so are the corrugated and V shaped buckets, but we have never seen the two features combined. It may be a matter of some difficulty to obtain a patent for you; but if it can be shown that any special advantage results from the combination of these particular features independent of the merits of the two features separately considered, you are in our opinion entitled to a patent. If there is any chance at all for a

D. W. H., of lnd .- We have read your lengthy com munication in which you describe plans for navigating canals by steam, and for parallel railways with stationary steam power. It is our opinion that neither of these pro schemes will ever be adopted, for we consider them impracticable, and should advise you to confine your researches to imple details. A complete revolution in the present modes of canal and railway construc tion and operation cannot meet with favor, as you will see upon more mature reflection.

Money received at the Scientific American Office on account of Patent Office business for the week ending Saturday, Aug. 1, 1857 :-

Wis., \$25; R. P., of Mich., \$25; D. F., of N. Y., \$31; C. H. E., ot Wis., \$25; J. C., of N. Y., \$15; J. L. H., of N. H., \$10; J. F. & E. W., of N. Y., \$25; F. B. H., of N. Y., \$25; J. E., of Ohio, \$30; L. S., of Miss., \$30; E. M., of N. Y.

Conn., \$30; N. N., of Ill., \$25; B. & R., of N. Y., \$25; A. Conn., \$30; N. N., of III., \$25; B. & R., of N. Y., \$35; A. H., of Conn., \$36; J. M. C., of N. Y., \$30; R. C. of —, \$15; J. G., of N. H., \$15; C. M. S., of Ind., \$30; L. F. H., of N. J., \$30; W. F., of N. Y., \$55; G. G., of Ill., \$30; S. P. M., of Ohio, \$30; N. H., of Conn., \$30; B. B., of Conn., \$15; P. S., of N. Y., \$40; N. G. A., of IIL, \$30; S. G., Jr., of N. Y., \$250; C. P. C., of Brazil, \$300; S. J. B., of N. Y., \$250.

Specifications and drawings belonging to parties with the following initials have been forwarded to the Patent Office during the week ending Saturday, Aug. 1, 1857:-J. E., of Ohio; M. B., Jr., of Mass; D. T., of N. Y.; S. L. H., of N. H.; C. H. E., of Wis; R. P., of Mich; J. L., of Wis; N. H., of Com; P. S., of N.Y.; C. M. L., of N. H.; J. C., of N. Y., N. N., of III.; B. & R. of N. Y.; S. L., of N. Y.; C.P. C., of Brazil; E. A., of Mass.; R. E., of Me.; C. C., of Va.; C. A. R., of Miss.

BACK NUMBERS OF THE PRESENT VOLUME-Almost every mail brings letters of inquiry from our patrons for certain numbers of the SCIENTIFIC AMERICAN, which we are unable to supply. To save subscribers the trouble of writing for such numbers as we have not got we append a list of the numbers which are entirely exhausted in Vol. 12:-1, 2, 3, 4, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 21, 22, 23, 24, 27, 30, 31, 35, 36, 39. Those numbers that are not specified above we can supply, and shall be happy to do so to those who have missed them.

Important

INFALLIBLE RULE—It is an established rule of this office to stop sending the paper when the time for which is was prepaid has expired, and the publishers will not deviate from that standing rule in any instance.

PATENT LAWS AND GOIDE TO INVENTORS.—This pam-phlet contains not only the laws but all information touching the rules and regulations of the Patent Office Price 12 1-2 cents per copy. A Circular, giving in structions to inventors in regard to the size and proper construction of their models with other useful informa tion to an applicant for a patent, is furnished gratis.

INVENTORS SENDING MODELS to our address should always enclose the express receipt, showing that the transit expenses have been prepaid. By observing this rule we are able, in a great majority of cases, to pre-vent the collection of double charges. Express companies, either through carelessness or design, often neglect to mark their paid packages, and thus, without the receipt to confront them, they mulct their customer at each end of the route. Look out for them.

FIVE INTELLIGIBLE DIRECTIONS—We oftenreceivelet ters 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 postoffice also omitted Persons should be careful to write their names plainly when they address publishers, and to name the post of fice at which they wish to receive their paper, and the State in which the postoffice is located.

Subscribers to the SCIENTIFIC AMERICAN who All to get their papers regularly will oblige the publishers by stating their complaints in writing. Those who may have missed certain numbers can usually have them

FOREIGN SUBSCRIBERS—Our Canada and Nove Scoia patrons are solicited to compete with our citizens to the valuable prizes offered on the next volume. [It is important that all who reside out of the States should remember to send 25 cents additional to the published rates for each yearly subscriber—that amount we are obliged to pre-pay on postage.]

PATENT CLAIMS-Persons desiring the claim of any in vention 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 date of patent when known, and enclosing \$1 as fee tor copying.

Terms of Advertising,

Twenty-five cents a line each insertion. We respect fully request that our patrons will make their adver tisements as short aspossible. Engravings cannot be ad mitted into the advertising columns.

Alladvertisements must be paid for before inserting.

A MERICAN AND FOREIGN PATENT SOlicitors.—Messrs. MUNN & CO., Proprietors of the
SCIENTIFIC AMERICAN, continue to procure patents for
inventors in the United States and all foreign countries
on the most liberal terms. Their experience is of twelve
years' standing, and their facilities are un equalled by any
other agency in the world. Consultation may be had
with the firm between nine and four o'clock daily, at
their principal office, 128 Ful on st.. New York. Out
br.nch offices are corner of F and Seventh sts. Wash
ington, D. C., Nos. 58 Chancery Lane, London, 29 Boulevard Saint Martin, Paris, and 3 Rue Therrsienne, Brussels. Circulars of information concerning the proper
course to be pursued in obtaining patents through our
Agency, the requirements of the Patent Office, e.c., may
be had gratis up-in application to the principal or either
of the branch offices. Communic tions and remittances
should be addressed to

MUNN & (O.,

No. 128 Fulton st., New York.

No. 128 Fulton st. New York.

TANKENTY-NINTH ANNUAL FAIR of the American Institute at the Crystal Palace in the city of New York. The Managers announce that the Palace will be opened for the reception of goods from Monday, the 7th, until Tuesday. the 15th of September, 1857.—Heavygood, and articles from a distance will be received and stored in the Palace on and after the 1st of July. No article entered after the 15th of September can compete for the premiums Good, silver and bronze medals, silver cups and diplomas, will be awarded on the report of competent and impartial judges. Ample sream power will be provided to put in operation machinery of every description. (irculars containing full particulars can be had by applying at the office of the Institute, No. 351 Broadway. ommunications in relation to the 29th Annual Fair, addressing W. B. LEONARD, Corresponding Secretary, will meet with immediate attention.

CHAS. A. WHITNEY, Chairman.

JOHN W. CHAMBERS, Secretary

JOHN W. CHAMBERS, Secretary

ATER WHEELS—VANDEWATER'S PATent—Patented July 17, 1835. The following letter was received by a geatleman who had written to parties using my wheel, for information in regard to its merits, etc.

John Hefflyer, Eq.—Dear Sir: Yours of 4th inst. is now befere us. We can but answer your inquiries by sending you Vandewater's card, and can say to you that his wheel will do all he promises therein. We are using three under six foot head, taking 195 inches of wa'er, giving entire satisfiction. We have three more under eieven foot head, which are doing their work well, and would not exchange them for the Wertz, or any other wheel now in use. With these hasty remarks we remain Yours, most truly, IL EASTON.

State and county rightsfor the above mentioned wheels for sale by the patentee. Also wheels of any size put up at the shortest notice, and warranted to give good satisfaction. Address, HENRY VANDEWATER, Albany, N. Y.

NCRUSTATION IN STEAM BOILERS—A late pater, for removing and preventing incrustation in steam boilers. It has been thoroughly tested, and in every instance has given full satisfaction, by removing all oid scale, and preventing the formation of new, keeping the boilers entirely free from incrustation without injury to the iron. Satisfactory proof of its good effects will be given to any wi-hing to purch-se. For sale in individual or State rights. Address Messri SPEN.ER, bol ARUMAN & SPENCER, Lancaster, Pa., sole agents for the United States.

PEARSON CROSHY'S PATENT RE-SAWING
Machines.—The Crosby patent for re-sawing lumter, having teen re-issued April 23, 1857, and having
purchased the right to the same for the State of Northern Pennsylvania, the subscriber is
prepared to seil rights to use the machines in the greater
portion of the above named territory, and also to furnish
the public with these machines. Having re-built my
machine manufactory—which was destroyed by fire on
the 9(hof Feb. last—I continue to manufacture and have
from 5:50 to \$1,500, and of a quality unequalled by any
other manufacturer. Also the separate parts of the machine, namely, planing knives, side tools, 'side cutter
heads, cy.inders, &c., as well as the above named Crosty
ite-sawing Machines.

JUHN GIBSON,
13*

Planing Mills, Albany, N. Y.

Planing Mills, Albany, N. Y.

OHIO MECHANICS' INSTITUTE, Cincinnati.—
We desize to call the attention of Manuacturers, Me chanics, Artists, Inventors and others to the above Exhibition, which will be opened in Gincinnati on Thursday, Sept. 10th, and continue daily until the 30th, in a commodious fire proof cuiding, which has been erected for the purpose. It is desirable that those intending to exhibit articles should give early notice to J. B. HEICH, the Clerk of the Institute, who will promptly give any information that may be desired. By order of the Committee, C. F. WILSTACH, Chairman of the Committee, 43 2

WANTED—A second-hand Locomotive Steam Boiler, of about thirty horse power, capable of wo king at 75 ibs. pressure. Address, stating dimensions and price, D. PUWERS & SONS, Lansingburgh, N. Y. 48 3*

PECK'S PATENT DROP PRESS—The best machine in the for stamping j-welry, ornaments, tin ware, swedging iron, &c. A supply of all sizes on hand and made to order by the patentee, MILO PLCK, New Haven, Conn. State rights for sale.

RON AND BRASS FOUNDERS—Three patent-able inventions for sale. One a mold from which a number of clean metal castings can be taken. Address PHOMAS HOUGSON, Beach Place, Brooklyn, N. Y.

ECOND-HAND Steam Engine and Boilerfor sale.— One 8-horse Upright steam Engine, Boiler 30 inches diameter, 25 feet l. ng. nearly new, and in good running order. For particulars address B. B. MATHER, West Norwalk, Fairfield co., Conn.

OMETHING USEF UL for Machinists and operative of machinery—Simmons' Decimal Chart for finding line size of wheels and pull-ys for any required number of revolutions per minute—a great saving of time and lengthy calculations—sent free for \$1. D.G. SIMMONS, 255 West 27th st., New York.

THE SECRET of preserving the teeth and keeping them white as ivory, without the use of a brush, will be sent to ladies and gentlemen sending me one doilar by mail, on receit of which I will return you a recipe for a cheap dissolving powder consisting of one article, which can be obtained at any apothecary's, and by its application to your teeth you can at any time cleanse them, without a brush or water. When once shown, if you value your teeth as a blessing, you would not part with the information for any consideration. Address S. BALDWIN, LOXIL3, Laconia P.O., N. H. 1*

\$3000 ANY PERSON having this amount can purchase the rightfor the United States of one of the best inventions of the age. A.C. FUNSTON, Frankford road and Master, Philadelphia.

MSHERMEN—If you wish to catch any kind of fish as fast as you can pull them out, get Gardner's secret Art for Catching Fish, sent for \$1. N. R. GARD-NER, Peace Dale, R I.

TEW INVENTION—Simple and patentable Reaping Machine for saie. For particulars address W. MITCHELL, Oneco, Ill. 47 2*

postage) a copy of the celebrated 100 Metropolitan totel recipes for Cooking. Baking, Making Pastry, Preserves, &c. As these recipes are copyright, they cannot be had except of J. R. STAFFORD, 16 State st., New York.

WACHINES of superior style and workman-hip, of various size-, and the latest improvements. Also Seam Engines and Boilers, Sash and Blind Machinery, Lathes, Planers, Drills, Belting, and all ki-ds of Machini-ly Tools on band, and for sale at the Machine Depot, 163 Greenwich st., New York. A. L. ACKERMAN.

CRYSTAL PALACE—This splendid edifice is now under the auspices of the American Institute. Samples of the productions of our country in Agriculture, Manufactures, and the Arts, will be received for public inspection. All information relative thereto will be given at the Palace by addressing WM. B. LEONARD, Corresponding Secretary and Agent. 45tf

WALLET safe against pickpockets or loss sent free for \$1. DICKINSON & BATE, Hudson, Mich.

TEAM ENGINES FOR SALE—One of 8, one of 12, and one of 13 horse-power. H. A. CRANE, cor 29th st. and 11th ave. 44 6*

G CUSHING' Unequalled Straw and Stalk Cutter.—For finished work, or the right of territory, address the inventor, Dryden, Tompkins county, N. Y.

B. GOODWIN's celebrated Patent Central Vent of water Wheel For wheel of the right of territory address J. W. DWIGHT, Dryden, N. Y., or E. C. BRAMHALL, 190 Fulton, N. Y. 44 10*

ANTED.-300 Active Young Men, at a salary of \$100 per month. A capital of only \$5 required. Full particulars given to all who incl se a stamp and address N. R. GARDNER, Peace Dale, R. I. 445

CAST STEEL WIRE DRAWING at the Union Works, Paterson, N. J. Orders solicited and care. fully filled by CHAMBERLIN & CO. 43 13*

ACHINERY—S.C. HILLS, No. 12 Platt street, N Y. dealer in Steam Engines, Boilers, Planers, Lathes Chucks, Drills, Pumps; Mortising, Tenoning, and Sash Machines, Woodworth's and Daniel's Planers; Dick's Punches, Presses, and Shears; Cob and Corn Mills; Har cison's GristMills; Johnson's Shingle Mills; Belting, Oil, Sc. 27 e3w

GERSOLI/S IMPROVED HAY PRESS—The best portable Hand Pewer Press in use for the purposes of Paleing Hay, Straw Broom Corn, Husks, Hair, Hides, Moss, Hemp, Wags, Wool, 'otton, &c. Prices from 550 to \$200. Also an improved press for ornamental composition work. Price \$50 and \$65. Also Ingersoli's Pater Tree Saw, for sawing down trees. This is a perfectly by table machine, and has been thoroughly tested during the past winter. Price \$75. All orders filled prempting the past winter. Price \$75. All orders filled prempting the past winter. Price \$75. All orders filled prempting the past winter. Price \$75. All orders filled prempting the past winter. Price \$75. All orders filled prempting the past winter. Price \$75. All orders filled prempting the past winter. Price \$75. All orders filled prempting the past winter winter with the property of the price of the

WOODWORTH'S PATENT PLANING MA-chines of every kind and all prices. A large as-Codbworkt's PATENT PLANING Machines of every kind and all prices. A large assortment on hand; and I am prepared to construct any
machine to order from ten days to two weeks, and guar
antee each machine to be perfect in its construction, and
give purchasers entire satisfaction. The patent has expired, and wil not be renewed. I make this business exclusive, manufacturing nothing but the woodworth Machines, and for that reason can make a better article for
less money: and with my fifteen years' experience! fully guarantee each machine to come up to what I am
willing to recommend, that is, that each machine shall
be more than equal to any other manufactured for the
same price. JOHN H LESTER, 5, Pearl st, Brooklyn, N. Y., three blocks above Fulton Ferry.

TEAM PUMPS, Boiler Feed Pumps, Stop Valves, Oil Cups, Cocks, Steam and Water Gauges, sold by JAMES O. MORSE & CO., No. 79 John street, New York.

POILER FLUES—All sizes, and any length desired promptly furnished, by JAMES O. MORSE & CO. No. 79 John street, New York.

ROUGHT INON PIPE—Plain and galvanized sold at wholesale, by JAMES O. MORSE & CO. No. 79 John street, New York.

PAGRAVING ON WOOD and MECHANICAL DRAWING, by RICHARD TEN EYCK, Jr., 123 Fulton street, N. Y., Engraver to the Scientific American.

Room with power, for the exhibition of machinery, can be had in the Depot Buildings, corner of Elm and Franklin sts. The location is extremely desirable for its prominence and convenience to the business part of the city. Apply to T. BENNETT, on the premises. 43tf

ACHINE BELTING, Steam Packing, Engine those.—The superiority of these articles manufactured of vulcanized rubber is established. Every belt will be warranted superior to leather, at one-third less price. The Steam Packing is made in every variety, and warranted to stand 300 degs, of heat. The hose never needs oiling, and is warranted tostand any required pressure; together with all varieties of rubber adapted to mechanical purposes. Directions, prices, &c., can be obtained by mail or otherwise, at our warehouse NEW YORK BELTING AND PACKING COMPANY John H. Cheever, Treasurer, No. 6 Dey street, N. Y 40 tf

AIT'S PATENT SPOKE MACHINE does double the amount of work with the same amount of power, and equally as good as any machine in use. Machines and rights for sale very low. Address P. H. WAI1', Barkerville, Saratoga co, N. Y.

ORBES & BOND, Artists, 89 Nassau st, N.Y., Me. chanical and general Draughtsmen on wood, stone, &c

TEAM ENGINE, Steam Boilers, Steam Pumps, Saw and Grist Mills, Nate Mills, Rice Mills, Quartz Mills for gold quartz, Sugar Mills, Water Wheels, Shatting and pulleys. The largest assortment of the ab ve in the country, kept constantly on hand by WM. BURDCN, 102 Front st., Brooklyn, N. Y.

AP-WELDED IRON BOILER TUBES,—Pross-10e-plates, and set the tubes in the best manner. 44 26 THOS. PROSSER & SON, 28 Plattst., N. Y

gines, &c.—Twenty-seven years' experience enables me to furnish Woodworth Planers for surfacing one or both sides, planing and matchins, rabbining, leading, or for moldings or clapboards, in any variety of beautiful construction and great power. Ample evidence of the superiority of my machines will be furnished from parties that have other machines in the same mill. Every machine will be accompanied, if desired, with a written warrantee. As some parties have been supplied with machines of another make when they supplied with machines of another make when they supplied with were getting mine, I would advise that purchasers should buy none unless my name is on in full. Matteawan team engines, machinist' tools, cotton and woolen, seabbind and door machinery, leather Landing, &c. turnished at the manufactory at Matteawan, N. Y., or at 62 Courtland street, N. Y. S. B. SCHENT K, Agent. 39 tf

World—"atented Nov. 21. 18'44 and Nov. 13, 1855. These patents were obtained for improvements upon the celebrated Woodwarth Planing Machine. They received a Gold Medal at the last exhibition of the Massachusetts Charitable Mechanics' Association. Machines of all kinds and sizes constantly on hand, which are warranted to give entire satisfaction, and to be superior to any now in use. For further information add, ess the patentee, JAWES A. WOJDBURY, No. 1 Scollay's Building, Court st., Boston, Mass. 42 13*

The States of the property of the property of the public of the property and burning of the public open the property of the public open the most reliable, thorough, and practical test. Our most skillful engineers and machinists pronounce it superior and cheaper than any other, and the only oil that is in all cases reliable and will not gum. The Stientific American, after several tests, pronounced it "superior to any other they have every tests, pronounced it "superior to any other they have every test for machinists ory." For sale only by the inventor and manufacture. S. P. E.A.S.E., oil Main st., buffalo, M. Y.

N. B.—Reliable orders filled for any part of the United States and Europe.

Planers, Engine and Hand Lathes, Drills, Bolf Outers, Gear Cutters Chucks &c., on hand and finishing. These Tools are of sucherior quality, and are for sale low for cash or approved paper. For cuts giving full description and prices, address, "New Haven Manufacturing Co., New Itaven, Conn.

TARRISON'S 30 INCH GRAIN MILLS-Latest Patent. A supply constantly on hand. Pater \$200. Address New Paven Manufacturing Co., New Haven, Conn.

THE TEN SOUTHERN STATES—The right to manufacture and sell a valuable article, (patent 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*

POR TWO LETTER STAMPS I will send (free of postage) six Anatomical Engravings, with remarks. Address J. R. STAFFOND, Practical Chemist, 16 Statest., New York. st., New York.

TO PATENTIES AND PURCHASERS—The subscriber will examine or experiment on the working of new machines and processes, prepare elaborate reports, and give professional opinions for public or private use. Refers to Munn & Co. THOS. D. STET. SON, Consulting Engineer, 5 Tryon Row, New York.

CREW BOLTS with Square. Carriage or Countersunk heads, boltends, square head wood screws, set screws, machine screws, ratchet & breast drills, standard steel and shrinkage rules for sale, by CHAS. MERRILL & SONS, 556 Grand st., New York.

MECHANICS AND MANUFACTURERS—Tennessee Exhibition. The Third Annual Fair of the Mechanics' Institute of Tennessee will be held at Naturille in October next. Exhibitors from all the States will be permitted to enter articles and compete for the first premiums. For particulars address wall. STO' K. ELL, President, or H. K. WALKER, Secretary. 45 5.

