TO CORRESPONDENTS

J.G. of R.I."-We have as you desired, forwarded your letter to H. J. B. C. of Washington.

"W. S of Vt"-We have answered youby mail.

"J. B. of Mass."-The improvements spoken of as having been made in England on the steam engines, so that a vessel will be able to cross the Atlantic in six days, is too good news to be true. Maudley & Field's engines are the oscillating kind, and the vessels are said to be of improved build, but it is the enormous amount of power of the engines, being no less than five hundred horse power for every seven hundred tons.

"E W. & W. S. of Ct."-We know of no braiding machine for making straw hats in operation. A machine for braiding thread, such as braces, &c., has been long known, but it would not answer for straw braiding.

"T. K. of Michigan."-We have received your letter, but we are not yet able to judge of its merits, only it must be a wonderful invention, and is certainly a great discovery as you relate. We shall be glad to see you along with it. We have had but time to read it over, and will give it more attention.

" J. T. Packard, of Mass."-Your letter was rather late in coming.

"S. T of Md."-No doubt but you are anxious to know the decision of the Patent Office, but we cannot give you any advice.

" J. L. V. of N. Y."-We cannot conceive how you make the effective pressure of steam in the cylinder the same as that in the boiler. We know the old theory, but was it correctwas it the result of fair experiment? We think not.

"R J. M. of Ohio."-Get an engraving of your machine published in the Scientific American. It will bring the invention before 11,000 subscribers and 20,000 readers.

"S. K. L. of N. Y."-Your cut will only cost \$6, and be yours for the printing of bills, &c. It will be of ten times that benefit to you. "R. Y. of Pa."-No other kind of water but the ocean is used by steamships.

" J. W. W. of Md."-Send us one dollar and we will send to you a copy of the Patent Laws for all nations, which will give you all the information you desire.

"G. W. of Ct."-Your idea relative to the petition would indeed be like a bomb-shell in the camp. It is not, however possible to tell the month of examination, as each class comes up in order, not always as placed on file with another class.

" Erratta."-In our article last week on Seidlitz Powders, for " Glauber salts," read Rochelle salts.

Universal History.

No. 4 of this excellent work, published by Mr. Graham, Tribune Buildings, has just been issued from the press. It contains the history of the ancient Ethiopians and the tribes of Palestine.

The People's Library.

This is a new work just commenced, and published by J. M. A. Esty, Ogdensburg, N. Y. It is an encyclopædia of Science and Biography, and it possesses the quality of being multum in parvo.

Vaiuable Bridge.

The bridge between the villages of Brunswick and Topsham, Me has been rebuilt eight times within the last 42 years. The owners have kept it in good repair, and always have replaced it as speedily as possible after it has been destroyed by fire, or swept away by freshets. They have eighteen thousanddollars now invested in it, and are ready to make a reasonable disposal of their interest whenever individuals of the two towns, or public spirit brought in any way to decisive action, will purchase it for the public convenience.

Girard Coilege.

The Girard College is almost a failure at last. The architect has come out in a regular report against the work of his own genius, and declares that the reverberations of the recitation rooms is so deafening, that they will be useless for the purposes of their construction. The remedy proposed is to line the Gothic arches with false plain ceilings.

New Salt Spring

A vein of salt water, sufficient to turn an overshot mill, burst through a rock on the farm of Milton Smiley, in Cumberland county Ky., on the 26th of May. This water will produce a pint of salt to every two gallons The rock from which this stream of salt water gushes, bursted open about five years ago with a terriffic report.

To Our 20,000 Readers.

Neighbor Knox, whose establishment is directly under our office, desires us to inform all our readers that he has got as splendid an assortment of summer hats as ever he had, and moreover, that he is willing to sell them very cheap

Our Country friends who visit the city on the Fourth, are invited to give him a call.

Patent Agency.

Applications for Patents made at this office, on the most reasonable terms. Neat drawings, specifications, and engravings of the first character, and cheaper than anywhere else. Notices of new inventions, Agency for the sale of Patent Rights, and all business of that nature, promptly attended to. Those who have patent rights to dispose of will find a good opportunity and field for their sale-such as Horse Power Machines and Waterwheels of every description. The largest circulation in the wcall for advertisements of inventions, &c.

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OF This paper sirculates in every State in the Union, and is seen principally by mechanics and manufacturers. Hence it may be considered the best medium of advertising, for those who import or manufacture machinery, mechanics tools, or such wares and materials as are generally used by those classes. The few advertisements in this paper are regarded with much more attention than those in closely printed dailies.

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Premium for Back Numbers, W E will pay 10 centseach for 100 copies, Nos. 1 and 16. Vol. 2, Scientific American, delivered at this office, free of expense and in good order. 126 MUNN & CO

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A NEW PROSPECTUS

A NEW PROSPECTOS FOR THE New York Weekly Sun, July 1st, 1848. Original Stories!: Great Improvements. Engravings every Week. The obstacles arising from the construction of the "Lightning Presses" upon which The WEEKLY SUN is printed having been overcome, the customary en-gravings will hereafter appear regularly. THE WEEKLY SUN is a large and interesting family paper, containing THIRTY-TWO LONG COLUMNS

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To Cotton Manufacturers.

To Cotton Manufacturers. THE Subscriber will furnish Cotton Manufacturers with his improved Cotton Willow. The fact of itsbeing introduced into most of the best mills in New England is the best proof of its excellence. It is extremely simple in its construction and will do more and BETTER WORK with a less expenditure of power than any other Willow; it prepares the cotton so much better than any other that there is muchless power and repairs needed on the suc-ceeding machinery. It is as safe from fire as a Card, ard its form and action are such as to draw all ihe frings and dirt from the journals; it will convey the cotton to any desirable distance short of 250 feet. It can be placed in the basement of a mill or other place nearly worthless for other manufacturing pur-poses, and will blow the cotton into the roomsi ad operating the machine in any peculiar or diffi-cult situation. EDMUND BACON, Superintendent Quinebaug Manufacturing Co. j24 tf Norwich, Conn.

Ballard's Improved Jack Screw.

PATENTED. THE advantages of this Screw for Stone Quarries, Railroads, Steam Boiler Builders, and for other purposes are superior to any other similar machine. The improvement consists in being able to use ei-therend of the screw, as occasion requires, It is accurble of white the heaviert becometing

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The machine is simple, compact and durable, and has received the approval of every practical Cooper that has witnessed its operations. We warrant it to perform FULLY FQUAL to our representation and shall be pleased to exhibit it to all who may favor us with a call. For further description and terms, apply to WM & E. T. FITCH, 2d., New Haven, Conn., or GEO. GLLBERT, Westville, N. H. Co., Conn. i3 3m⁴

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sale of Patent Goods or Patent Rights. Charges moderate, and no charge will be made un til the inventor realizes something from hisinvention. Letters Patent will be secured upon moderate terms. Applications can be made to un undersign ed, personally or by letter postpaid. ms SAMUEL C. HILLS, Patent Agent.

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