## Scientific American.

A. C., of Me.-You can mark your sheep a blue color with the following fluid : Take one ounce of pulverized indigo and place in a close earthenware or glass vessel containing a pint of dilute urine, and allow it to steep for six days in a warm place, when it will have assumed a deep fast blue color, fit for use. Employ a soft brush to put it on, and allow it to dry before the animals are turned out on the pasture.

M

W. S. L. of Ala.-The best remedy for the distemper in dogs is to make an ointment of sulphur and unsalted lard; rub it well in all over the dog once a day, and it will soon recover.

W. A. H., Jr., of R. I.-Your new cistern renders the rain water hard, because some of the cement is taken up by the water and held by it in solution. When the cistern is emptied a few times this action will cease, as a scum will gather on the surface of the cement and prevent the water from absorbing the lime,

L. D. S. of Milan, O .- The sulpho-cyanide of silver is the best electro-plating fluid. It is made by adding sulpho-cysnide to nitrate of silver, and then dis-solving the precipitate in an excess of the sulphocyanide. It can be used with a silver positive pole and a single battery.

F. J. M., of Mass .- The engineers of the navy have higher wages when on active duty than when their steamers are out of commission: but their pay is constant. We do not think their life is one to be envied but it would not be disadvantageous to you as a school of discipline.

E. P. B. of Me.-Mr. Conger's work on Water-wheels has not yet been published. We think it would meet with a very favorable reception at present.

W. T. C. of Md.-Your pipe should have an inclination of about one foot, and be laid at starting point within two feet or so of the bottom of the place it receives the water. The amount of water discharged from it will depend on the pressure of the water in the place from which it takes it.

S. H. M., of Phila.  $\rightarrow$  Bourne's Catechism of the steam-engine should be studied by you carefully. You will find it in some of the stores of your city. The best work on the steam-engine is Tredgold's. published in London, and very dear. Hodge on the steam-engine is a very good work ; cost about \$10.

A. H. of Vt -See the article on "Asphalt Roofing," published on page 245 of the present volume of the SCIENTIFIC AMERICAN.

C. M. K. of Penn.-We do not know anything about the defunct "United States Engineer."

J. E. K. of Pa.-The eyes employed in birdstuffing are made of glass and can be procured at fancy bead stores.

Moneyreceived at the Scientific American Office on account of Patent Office business, for the week ending Saturday, June 4, 1859 :---

E. W. D., of Mass., \$20; W. S. R., of S. C., \$30; H. W. B., of R. I., \$25; J. McC., of N. Y. \$20; S. F. Van C., of Cal., \$30; W. & R. of Ill., \$25; J. F. W., 2d., of N. Y., \$30; E. B., of N. Y., \$50; N. H., of N. Y., \$25; H. A., of N. Y., \$55; W. G. W., of Mass., \$35; W. P., V., of Me., \$45; J. H. W., of Md., \$100; G. T. C., of Ill.; \$20; J. M. B., of Me., \$25; L. & W., of Miss., \$30; J. A. P., of Mich., \$25; W. S. & Co., of Ky., \$50; H. E., of Ill., \$25; H. K. S., of Mass., \$30; B. M. D., of Ill., \$30; P. J. C., of Ct., \$20; D. L. W., of -, \$30; W. G., of N. Y., \$30; E. O., of Mass., \$35; S. P. LaD., of Ill., \$55; E. B. W., of N. H., \$55; W. T. C., of N. J., \$542; E. McK., of O., \$25: O. L., of N. Y., \$12; B. & C., of Mich., \$10; L. C., of Ala., \$25; V. K. D., of **M**1., \$25; W. R., of N. H., \$25; S. G. R., of Mass., \$55; W. F. P., of Pa., \$30; O. P., of N. Y., \$25; D. & C., of Ct., \$30: P. S., of N. Y., \$30; T. & B., of O., \$25; D. Q., of N. H., \$30 ; C. & B., of Ct., \$25 ; J. W. H., of N. C., \$60 ; G. & M., of Ill., \$35.

Specifications drawings and models belonging to partics with the following initials have been forwarded to the Patent Office during the week ending Saturday, 

Ala; J. W. of Va.; P. J. C. of Ct.; H. P. of Pa.; O. P. of N. Y.; E. O., of Mass.; S. F. Van C. of Cal: C. & B. of Ct.; H. E. of Ill.; B. B. of N. Y.; D. W. of N. Y.; H W. B. of R. I.; W. & R. of Ill.; F. C. S. of N. Y.; S. P. La D. of Iowa; N. H. of N. Y.; W. G. W. of Mass.; C. F. of Q.: P. F. F. of Ill.: J. A. P. of Mich.: R. E. of N. Y.: W. F. P. of Pa.; W. R. of N. H.; T. & B. of O.; O. L. of N.Y.: J. H., Jr., of N.Y.

To WHEELWRIGHTS -I WILL PAY GOOD wages to an energetic man capable of doing the work and taking charge of a wagon and carriage iso-tory. The machinery is driven by steam. Write to me at Claiborne, Ala. W. P. LESLIE. 49 2\*

JACKSON'S REVERSIBLE SEATS FOR DAY AND SLEEPING CARS.—This invention dispenses with bulkheads, leaving the sight and venti-lation unobstructed. It can be changed from a day to a night car in five minutes. Passengers can sit to face either way at will. The extra cost over an ordinary day car (excluding that of twelve mattresses overhead, blankets and pillows) will not exceed \$100. 1\* W. R. JACKSON, Patentee, Baltimore.

## IMPORTANT TO INVENTORS.

IMPORTANT TO INVENTORS. MERICAN AND FOREIGN PATENT SOLICITORS.-Messre. MUNN & CO., Proprie-tors of the Sourswire Awgendaw, continue to procure patents for inventors in the United States and all foreign countries on the most liberal terms. Our experience is of thirdeney years' standing, and our facilities are un-equaled by any other agency in the world. The long experience we have had in preparing specifications and drawings has rendered us perfectly conversant with the office, and with most of the inventions which have been patented. Indormation concerning the patientability of inventions is freely given, without charge, on sending a model of drawing and desc jution to this office. Tonsultation may be had with the firm, between nine and four oflawing and desc jution to this office. Tonsultation may be had with the firm, between nine and four oclock, daily, at their principal office. 37 Park Row, New York. We established, over a year ago, 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 superintendence of one of the firm, and is in daily communication with the Principal Office in New York, and personal stention will be given at the patent office to all such cases as may require it. In-motics. For the transaction of this business we have offices at the Patent office, are cordially invited to call at our office. The ansextent secured to american ditizens are procured through our Agency. There are office mathe stender during a stend store the spectral through our Agency. There are office and there the principal diffices of all the dera office mathe secured to american ditizens are procured through our Agency. Throuters office from tho caser in mind that the English involves not limit the seven of the proper courses to be pursued in obtaining patents through our Agency, the requirements of the Principal diffece, c. may be had gratis upon application at the principal

The annexed letters from the last two Commission-ers of Patents we commend to the perusal of all per-sons interested in obtaining patents — MESSEX. MUNN & CO.—It ake pleasure in stating that while I held the office of Commissioner of Patents, worke TRAN ONE-FOURTH OF ALL THE BUSINESS OF THE OFFICE came through your hands. I have no doubtthat the public con dence thus indicated has been fully de-served, as I have always observed, in all your inter-cou se with the Office, a marked degree of promptness, Will, and fidelity to the interests of your employers. Yours, very truly, CHAS. MASON.

Immediately after the appointment of Mr. Holt to the office of Postmaster-General of the United States, he addressed to us the subjoined very gratifying testi-

ne addressed to us the subjoined very grain ying testi-monial:--Mrssens. MUNN & Co.--It affords me much pleasure to bear testimony to the able and efficient manner in which you discharged your duties as Solicitors of Patents while i had the honor of holding the office of Commissioner. Your business was very large, and you sustained (and, I doubt not, justly deserved) the repu-tation of energy, marked ability, and uncompromising fidelity in performing your professional engagements. Very respectfully, your obedient servant. Communications and remittances should be addressed to MUNN & COMPANY, No. 37 Park-row, New York,

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TO INVENTORS AND PATENTERS.-A. E. ELY, Connedior-at-Law, Traveler Building, Boston, Mass., will give his personal attention and ex-perience of fifteen years to consultations and trials in all matters relating to the law of patents, interferences, infringements, &c. 88 13\*

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**CROSSETT'S** PATENT STAVE CUTTER-Patented July 1, 1844 : re-issued March 2, 1855; renewed and extended June 26, 1858.—The above men-tioned machine is warrasted to cut more and better staves than any other machine in the United States, and is the most simple, cheap, and curable. I hereby caution all persons against using and vending said ma-chine (the main features of which consist in the station-ary knife and vibratory bed-piece) without the legal right to do so. Offenders will be dealt with according to law. All persons wishing and interest in the extended blaw. All persons wishing an interest in the extended rm of said patent can obtain it by addressing the un-ersigned at Joliet, III. 38 6c GEO. I. CROSSETT, Assignee.

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