meadows; lambs were calling to their mothers; a mare with a colt by her side was looking over a gate; families were wending their way to meeting, dressed in their best clothes—the men, as became the lords of creation, walking in advance of their wives, daughters, and sisters, who, carrying Bibles wrapped in clean white handkerchiefs, kept a little behind, discoursing, as Mr. Muir would have said, "about such things as they could understand." Quite at their leisure, the Presby-terians "dandered" along. They had plenty of time, for their public worship did not begin till half-an-hour after the church bell stopped. Noon was an excellent time for persons forced to come from long distances to settle down in their pews; a far better time than that at which the sexton ceased reminding the by-law-established congregation they should be toiling up the hill. "Make fanste! we shall be all behind," said Mrs. Boyle, hurrying along with short, tripping steps. "I never saw such a girl! Not an atom of life or activity about you." "Mamma, I cannot walk so fast," ventured Berna. "I really am not well."

really am not well." "You'd be well enough if it wasn't for your sinful temper," answered Mrs. Boyle, pausing by the graveyard gate for her daughter, who panted painfully up the incline. (75 be continued.)

THE MAGAZINES FOR APRIL.

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Tenney July the relations between Engineer and Frincey Tenting Tenney Tenting and the properties of the tention. The most interesting contributions to the Atlantic Monthly are a reasonable paper on Presidential Nominations, and reviews of two insportant new books, Roman's history of General Beauregard's campaigns, and Mr. Julian's "Political Recollections." The Legranic continues "The Laver's Creed" and "The Wearing of the Green" with spirit, and has the first part of a powerful deamatic tale, by the author of "John Herring," entitled "At the Y," the "Y" being the fork of two roads leading to Hymouth, between which Epineim has to choose in his pursuit of his young Irishwoman. "My Big Fish" is a kind of "Giant's Robe," In which a gignatic pike takes the place of the stolen novel. The Genteman's Magazine has place outribution of note, but this is the continuation of the billiant" 'Hilistia." The manner in which the aristocratic proposal, combined with his utter unsupiciousness, is very teaterating. Two ket for name, filestrating bis marvellows empetity for work at four a.m., after a sumptions supper-party. Mary Empland on the cider Damas, filestrating bis marvellows. We have also received Time, The Argosy, Good Words, Tondon Society, Chamber's Journal, The Month, The Army mud Navy Magazine, Cassell's Magazine, All the Year Round.

Mr. Evan MacGregor, C.B., has been appointed Permanent Secretary of the Admiralty, in the room of Captain George ryon, C.B., resigned, on promotion to flag rank.

A THERMOSTATIC NURSE.

To the Editor of THE LEUSTRATED LOSDON News. Sir,—My attention has been drawn to your issue of March 8, which contains an article on "Incubators for Infants," and an illustration of them as employed in the Matcrnity Hospital, Dest Device Destination of the Matcrnity Hospital,

rort Royal, Paris. I crave your permission to describe an apparatus for the same purpose, which I have in use at the City of London Lying in Hospital, the oldest hospital of the kind in this metropolis, to which I hold the appointment of consulting physician.

physician. The term Involutor, as applied to infants, seeming inappro-priate, this English model has been named by its inventor, Mr. Hearson, of London, a *Thermostatic Nurse*. I am led to bring it before your notice on necount of the advantages: the possesses over that which you have described. It is constructed on the same principle as the Champion Incubator for eggs, now so largely employed; it differs from it in being arranged with a cradle above the water-tank instead of having a drawer below, as in the case of the egg-hatching apparatus (vide Fig. I_j). By the aid of the



illustrations, I hope to make its construction clear. Those of your readers who are interested in it will find it on view *i* 235, Regent-street, where also they will see the egg incubatio carried on in all stages, even the chickens in the act *a* escaping from the eggs. The case of the Thermostatic Nur is of wood (Fig. 2), divided horizontally into an upper an Those of of

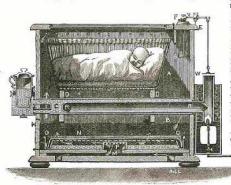


FIGURE 2.

lower compartment (A and B) by a shallow inclosed tank of water (C), which extends to within two inches of the wood-work all round, this interval being leit to allow of free access of air from the lower to the upper part. Above the water tank, and supported on silps of wood (D. D), is a cradle for the reception of the infant, which is kept in view through a glass window on the top of the apparatus. This sash is hinged at the back to a portion of the cover (E), about four inches wide (Fig. 3); and affixed to this is the lever-plate



FIGURE 3

FIGURE 3. (F), the alarum (G), and the thermometer (K), the scale of the fatter being outside, under immediate observation. Through the bottom of the apparatus a hole (M), three inches in spheric air, which passes through two layers of very coarse annua (N), kept constantly wet. This is effected by means of a mean trapport of the aperture (M) through which the air centers. It is performed all round its sides, so that the air passes through it horizontally, as shown by the arrows, instead of raised portion are about an inch from the bottom of the ray (N), they constally new the form of a cap (P), which fits over the aperture (M) through which the air centers. It is performed all round its sides, so that the air passes through it horizontally, as shown by the arrows, instead of raised portion are about an inch from the bottom of the ray (N) of very coarsely performed airc, somewhat smaller is fitted the coarse cauvas (N), the edges of which are cauves regular supply of heat from the bottom of the large water-fully incked into the water all round. By this means the cauvang regular supply of heat from the bottom of the large water-fully incked into the water all round. By this means the cauvang regular supply of heat from the bottom of the large water-fully incked into the water all round. By this means the cauvang the appendix is a gas finne, the heat from which asses through a fue (I). Shaped like the lefter U, so as to busie the appendix is a gas finne, the heat from which asses through a fue (I). Shaped like the lefter U, so as you water is heated. The momentume of the one arrangement planned the fourball of necessity cord a powerful inflorme on the interior of the appendix as, includes and heater of the appendix of the prove and the openetic of the one arrangement planned to heat by from hour to hour, and from day to day, and this fourball of necessity cord a powerful inflorme on the intermostation and thermostations appendix as incluse special inset the remostation and th

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Shall be obtained on hire if there be any demand for such.
Those of your readers who are interested in the subject should obtain a treatise upon it by Monsieur A. Auvard, Interne à la Maternité de Paris, entitled "De la Couvense pour Enfants." It is reprinted from the Archives de Tocologie, and is published by Messieurs A. Delahaye et E. Lecrosnier, Place de l'Ecole-de-Médecine, Paris.
Thereords the treatment of 145 infants by means of the so-culled "Incubator," and the following successful results are mentioned :--The mortality of infants weighing at their birth lees than 2000 grammes (a little over 4 lb.) which was found to be o dimarily about 66 per cent, was reduced by the employment of the Incubator to 35 per cent; while infants suffering from cedema, or a scrous infiltration of the tissues, caused by the low state of vitality at birth and the effects of the external the proportion of seventeen out of the two-row in the rated.

the proportion of seventeen out of the twenty-one infants so treated. I hope, in course of time, to be able to record in the Medical Journals my experience of the employment of the Thermostatic Nurse in the City of London Lying-in Hospital. At present my personal knowledge of the apparatus is confined to the working of the Champion Incubator, which, as has been already stated, is precisely analogous. For the purpose of observation, I have had one of these in operation for several weeks in my house, hatching egg, and I am able to testify that, notwithstanding the extraordinary variations in the temperature of the external air from day to day during the last fortnight, the temperature in the egg drawer has kept almost without variation, between 103 deg. and 104 deg. Fahrenheit. The lower the temperature of the external air the hotter is the water in the tauk. On the top of a portico in Grosvenor-street is one of flearson's Foster-Mothers, containing the chickens I have hardhed; they are in a perfect state of health, have been reveiling in the sunshine of the past week, keeping out in the airwidde it lasted, and retring later in the day to their sleeping chamber kept always heated by the ol hamp. I am yours faithintly. O, Grosvenor-street, London, W., March 22, 1884.

The Board of Trade have awarded a piece of plate to Capturin Thomas J. Greenbauk, master of the American ship Martha Cobb, of Rockland, U.S.A., in acknowledgment of his humanity in standing by the British burque Greeian, of Dundee, which was in a sinking condition, for several hours in a very heavy sea, and finally rescuing the crew. The Board have awarded a gold medal to Mr. Dominick Gar-diner, the second mate of the Martha Cobb, in recognition of his galantry in taking the command of a small boar and making two trips to the Greeian for the purpose of taking of the crew. The Board have awarded Hur alver mout to the K. Firnnan, master of the steam the purpose of taking of this and Carnaryon, which was in a single by the barder Mart Huran, of Carnaryon, which was in a single by the barder of the Huran, of Carnaryon, which was in a single by the barder of the second erew. The Board have also awarded ther the pro-metal to the two men who manned the **Lit Huran** and the met of their gallant conduct. **UNIVERSITY MUSE** UNIVERSITY MUSEUM