

greater, might also be applied to the new weights; for instance, the 20-grain weight might be stamped on the obverse side with the old symbol 3, the 30-grain, 3s, the 40 grains 3, and the 60 grains 3.

Were the above weights and measures possible to be obtained, the labour and mental calculation saved to the busy practitioner would be immense.

VACCINATION INSPECTORS.

VACCINATOR SECUNDUS writes: I entirely agree with every word written by "Vaccinator" in the JOURNAL for November 12th. The "inspection" of a public vaccinator's work is invidious and offensive. If I operate for strangulated hernia on a member of Parliament, or perform a thigh amputation for a gentleman in the commission of the peace, my qualifications and professional position are held to be my sufficient warrant for so doing; if I vaccinate a pauper's bastard child I do it subject to "inspection," which, as your correspondent points out, is not always carried out with the utmost professional courtesy and consideration.

I must also entirely agree with "Vaccinator" as to the entire ignorance of the exigencies of medical practice shown by some of these gentlemen. I have known a gentleman of high professional standing and mature years, who until recently was a public vaccinator, publicly rebuked by an officious gentleman, many years his junior, and before a whole room full of mothers, for being some minutes late at his station. Like "Vaccinator," I do not write as a disappointed waiter on Providence. I have had the grants, and I am fain to confess I despise the whole business, but circumstances render it almost impossible to throw up the appointment. I have had to attend a station some miles out three times to earn forty shillings, just a shilling a mile! There is not a cabman in the town in which I live who would traverse the distance for the money; and, in addition, I have to perform the vaccinations, take due care, and all the responsibility as to lymph, etc.; and, finally, be "inspected." I must confess that in a profession which I love, and the work of which is a daily interest and pleasure to me, it is the one thorn in the cushion, the one piece of work which I feel it degrading to undertake and unworthy of my position as a member of a scientific and liberal profession and a gentleman. And surely it is entirely unnecessary that it should be either the one or the other.

BATTERY FOR ELECTROLYSIS.

MR. J. B. THISTLETON (London) writes: In reply to the query of "X." in your issue of November 19th, I beg to say that I believe the battery chiefly used by Dr. Apostoli is that known as the "agglomerate." A battery of thirty cells of this form, with suitable electrodes, is capable of yielding a current of at least 300 milliamperes, the patient forming part of the circuit. The negative element in each of these cells would measure 5 inches \times 1 inch \times $\frac{1}{4}$ inch. If a portable battery is required, I have not found anything to equal a modified sulphate of mercury cell. I have supplied batteries of both these types to several hospitals and well known practitioners, and in every case they have been found to work well.

CONVEYANCE OF INFECTION BY BOOKS.

M.D. points out that books and papers may be effectually disinfected without injury by exposing them for a few hours to a regulated temperature of 220° to 240° F., the books being so arranged as to separate the leaves and allow the heat to gain access to them. A dry and not a steam heat must be used for books, as steam destroys leather and loosens glue. Specially contrived apparatus for disinfecting by heat are provided by the local authorities in most large urban districts, but articles of small size and value, such as newspapers and letters (which, of course, must not be fastened with sealing wax) may be disinfected by baking them for two or three hours in an ordinary kitchen oven.

THE ROYAL HOSPITAL FOR INCURABLES.

THE votes and interest of members of the medical profession are earnestly solicited on behalf of Thomas Joshua Gittens, M.R.C.S.E., aged 45, married, who is a candidate for admission to the hospital. He is suffering from shaking palsy, and was discharged from the National Hospital for Paralysis as a hopeless case. He practised as a surgeon in Coquimbo, Chili, S.A., but has been totally incapacitated for work during two years. This, and the illness of his wife which has lasted eight years, have exhausted the whole of his savings, and he is now absolutely penniless. The case is strongly recommended by Viscount Eversley, H. Wollaston Blake, Esq., F.R.S., Dr. David Ferrier, 34, Cavendish Square, W., and Dr. G. C. P. Murray.

WOOLLEN UNDERCLOTHING.

J. B. writes: I have noticed your article on this topic, and I trust you will kindly allow me, as one who has taken a great interest in the subject of clothing in its relation to health, to say that, having considered the matter from a scientific point of view, I am of opinion that a more general use of woollen clothing, especially under garments, would do far more than many may suppose to keep our bodies (and, *ergo*, health) as they should be. I have found the kind of woollens which are undyed and pure white the best.

COMMUNICATIONS, LETTERS, etc., have been received from:

Surgeon-Major Gunning, Shoeburyness; Dr. R. Aldridge, Yeovil; Dr. T. Barr, Glasgow; Mr. H. Afelias, London; Dr. Clark Bell, New York; Dr. Freeman, San Remo; Mr. L. Mackenzie, Tiverton; Dr. C. M. Carré, London; The Secretary of the Parkes Museum, London; Mr. R. Dav, London; Dr. E. Haughton, London; Mr. W. W. Wagstaffe, Sevenoaks; Mr. S. Gunning, Enniskillen; Dilemma; Messrs. Hotham and Whiting, Leeds; Dr. G. Swaby Smith, London; Mr. E. Cresswell Baber, Brighton; Mr. T. H. Love, Wolverhampton; H. M. Wilson, M.B., Penrith; Mrs. M. Musket, London; Dr. J. Ward Cousins, Southsea; Mr. W. J. Cummins, Cork; Mr. J. Phillips, Edinburgh; Mr. A. Gibbons, London; Mr. W. Waterhouse, Newport; The Honorary Secretaries of the General Dispensary, Nottingham; Mr. E. S. Wood, Pontypool; Surgeon R. S. Davis, Mandalay; Mr. T. G. Moore, Jamaica; Surgeon Mulvany, Meean Meer, Punjab; Mr. R. D. McCredy, Nettleworth; Dr. G. Smith, London; Mr. G. M. Pillieth, Cork; Dr. Major Greenwood, jun., London; Mr. W. Adams Frost, London; Dr. H. P. Drummond, Ipswich; Rev. Dawson Burns, London; Dr. A. H. F. Barbour, Edinburgh; Dr. Godfrey, London; Mr. M. A. Hamon, Paris; Messrs. T. Christy and Co., London; Professor Lawson Tait, Birmingham; Dr. J. McNaught, Newchurch; Mr. C. Sheather, London; Dr. J. Rogers,

London; Dr. J. T. H. Davies, Leicester; Dr. A. Duke, Dublin; Dr. G. P. Atkinson, Pontefract; Dr. Percy Boulton, London; Dr. Beaven Rake, Trinidad; Dr. J. W. Moore, Dublin; Sir Morell Mackenzie, London; Our Swiss Correspondent; Dr. J. Gine y Partagas, Barcelona; The Clerk of the Privy Council, London; Dr. Elliston, Ipswich; Dr. T. C. Charles, London; Dr. R. Fitzmaurice, Lindfield; Mr. R. W. Doyne, Oxford; Mr. W. V. Morgan, Narberth; Mr. J. B. Coombe, Twyford; Mr. J. Whitehouse, Sunderland; Mr. J. H. Crisp, Looe; Dr. T. Oliver, Newcastle-on-Tyne; Dr. E. J. Edwards, London; Mr. W. Marriott, London; Mr. T. Percival, Knottingley; Mr. J. S. Ballin, London; Mr. A. Kisch, London; Dr. Markham Skerritt, Bristol; Dr. W. H. O. Sankey, Baschurch; Dr. Barnardo, London; Mr. W. T. H. Fletcher, Dove Bank; Mr. W. E. Williams, Abertillery; J. Jenkyns, M.B., Belturbet, British Honduras; Mr. J. Morton, Dover; Mr. F. H. Gamble, London; Surgeon W. F. Barley, M.B., Belturbet; Mr. Pridham, London; Dr. Stirling, Perth; Mr. O. Fergus, Glasgow; Mr. A. C. Jones, Oakham; The Secretary of the University of London; Mr. W. P. English, London; Mr. A. F. Robbins, London; Dr. Norman Kerr, London; Mr. G. Eastes, London; Mr. W. F. Haslam, Birmingham; Mr. J. W. Barnes, London; Dr. W. Ewart, London; Mr. H. B. Luard, London; Mrs. Stone, London; Mr. W. B. Tulloch, London; Mrs. E. O'Brien, Mitchelstown; Dr. Tatham, Sal福德; Mr. C. Collins, East Grinstead; Mr. F. B. Kersley, Newbury; Messrs. Arnold and Co., London; Dr. T. Chaplin, London; Mr. O. Johnson, Bassingham; Dr. Menzies, Pitnacree; Mr. F. Alcan, Paris; Mr. A. H. Flood, Bundoora; Medical Student; Mr. A. W. Fox, Barnet; R. J. Ryle, M.B., Barnet; Dr. R. Bowles, Folkestone; Dr. Byrom Bramwell, Edinburgh; Mr. E. A. Waterworth, Newport; Our Vienna Correspondent; Dr. Klein, London; Sir James Paget, Bart., London; Surgeon-Major G. C. Hall, Allahabad; Mr. J. R. Lowndes, Cathgate; Mr. H. Dutch, Crewe; Mr. A. Cooper, London; Mr. A. F. William, Northampton; Mr. C. Wells, London; Dr. T. D. Acland, London; Mr. H. Collins, London; Messrs. Maw, Son and Thompson, London; Messrs. W. Blenheim and Co., Egham; Mr. T. G. Horder, Cardiff; Surgeon H. Saunders, Aldershot; Dr. W. J. Mickle, London; Mr. L. Owen, Birmingham; Dr. Bramwell, Perth; Mr. R. W. Parker, London; Dr. Lush, Tyfield; Mr. J. K. Fowl, London; Messrs. Burroughs, Wellcome and Co., London; Mr. R. W. Thomas, London; Mr. J. P. Hentsch, London; Mr. M. W. Oldham, Southampton; Dr. S. Smith, Sittingbourne; Dr. Bradshaw, Sittingbourne; Dr. Mattison, Brooklyn; Mr. A. F. Hawkins, Birmingham; Dr. W. H. Day, London; Dr. C. S. Jeaffreson, Newcastle-on-Tyne; Dr. Carleton, Edinburgh; Dr. Hunter Mackenzie, Edinburgh; Mr. W. Hood, York; Mr. G. F. W. Flower, Yeovil; Dr. S. Martin, London; Mr. E. P. P. Machylii, Wigan; The Secretary of the University of Durham, Newcastle-on-Tyne; Mr. R. W. Craven, Southport; Mr. A. Gray, Leicester etc.

BOOKS, ETC., RECEIVED.

Transactions of the Ophthalmological Society of the United Kingdom. Vol. vii Session 1886-87. London: J. and A. Churchill. 1887.
On Transfusion of Blood and Saline Fluids. By Charles E. Jennings, F.R.C.S., M.S., M.B. Third Edition. London: Baillière, Tindall and Cox. 1887.
Medical Lectures and Essays. By George Johnson, M.D., F.R.C.P., F.R.S. London: J. and A. Churchill. 1887.
A Course of Quantitative Analysis for Students. By W. H. Hartley, F. London: Macmillan and Co. 1887.
Diseases of the Bones, etc. By Thomas Jones, F.R.C.S.Eng., B.S. Lond. Illustrated. London: Smith, Elder and Co. Manchester: J. E. Cornish. 1887.

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