

willing to grant the *ought*; but what I fail to see is that she *does*.'

"In addition to this Technical School, in which millinery, upholstery, dressmaking, cookery, household management, and fine laundry work are thoroughly taught, very efficient lectures on hygiene and finance are given, Miss Forsyth has in contemplation a further development which must prove of even greater influence. It is a training which aims at fitting women to go forth to the colonies properly qualified; so that, instead of meriting the reproach that only the useless women emigrate, for whom no employment can be found here, the object is that those who go out should be capable of helping in the development of the colonies.

"There are many other subjects which must be taught if this further idea is to be carried out, for instance, poultry and dairy farming, beekeeping, type writing, and other occupations which women can do well. This School should be, in its widest sense, a technical college, for it would exist for the purpose of bringing out each woman's strong point in "technical" matters. It will enable her to make her life independent of circumstances by earning better salaries if going out to earn her livelihood; or if called upon to be a wife and mistress of a household, she will be saved all the wearing discomforts of the little daily details of domestic life, which press so heavily on those who are devoid of such training and knowledge.

"Miss Forsyth has lately been called upon to give attention to the immediate formation of country branches, both at Bedford and Birmingham; it may be hoped that she will have an opportunity there to start this wider scheme, which, to be thoroughly successful, should afford training for all classes, not only for ladies.

"The education of women in this present day is of such momentous interest, and stretches over such a wide field, that I feel very diffident in giving my own opinion about it; it is only because I do feel so strongly how much women may and can do, without stepping out of their own sphere, that I have ventured to touch upon the subject. Miss Forsyth has taken for her motto, and hung up in her class room, the following words: 'Be not simply good, but be good for something;' and I should like to add a sentence I found in a German book the other day, 'Do thoroughly whatever is given you to do, love thoroughly that which is given to you for your own, and help to work out the future according to God's will.' And who can doubt the great future that women have before them? It rests with them alone."

CHARITY is not an action, it is a life.—LOBSTEIN.

TESTING SIGHT FOR A PENNY.

WE are indebted to our excellent contemporary *Invention* for the following:—

"On Thursday a number of gentlemen connected with the Press, assembled at the Cadby Hall Works, of the Woodhouse and Rawson Electric Manufacturing Company, Limited, to inspect the new automatic sight testing machine to which we briefly referred a few weeks ago.

"The machine has been invented by Mr. Bruce Green de Woolfson to supply a great national want, and to protect the eye-sight of the rising generation, the high charges of oculists placing it out of the power of the masses to consult them on the selection of suitable spectacles, while opticians supply this want but indifferently, and sell, moreover, inferior spectacles at high prices. The machine is simple and ingenious. It is on the penny automatic principle, a penny put in the slot allowing two discs to be revolved by means of a spindle with worm and wheels on the edge of two discs, the lenses being fixed in light frames and made to revolve together in pairs. There are twenty-two different sets, so that by turning the handle of the machine, lenses can be used to test all sights, the test type which is set at the back being of the correct size and the proper distance from the lenses. Behind the test type there is a disc revolving with the numbers and description of the lenses thereon, and a slot is cut through the card so that the person testing his sight may see this number; but if, as it is proposed, this machine is fitted with an arrangement whereby the act of pulling the drawer (which contains the order cards) out will print the number of the lens required, this arrangement will not be necessary. This form of machine was designed for being placed in outdoor places—in railway stations and streets; but, of course, the invention lends itself to a great many different forms. Both sets of lenses, for example, may be fixed on one disc, or might be on travelling strips.

"A special feature is, we understand, to be made by the Automatic Sight-testing and Spectacle Company, Limited, which is in course of formation, of supplying the very best periscopic lenses, either in spectacles or folders, at prices so moderate as to place them within the reach of large numbers, who have, until now, used the inferior atrocities imported from Germany, to the great detriment of their eyes. Marking as it does a new departure, and that towards a useful purpose, without mere amusement, in the matter of automatic machines, we have no doubt but that Mr. de Woolfson's new invention will meet with much popularity. The machines are manufactured by Messrs. Woodhouse and Rawson, Limited."

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