

will be something immense. The operation of the mechanism employed for these purposes will probably be analogous to that of tuning forks, where one responds to the vibrations set up in another. With dynamos running to a certain pitch, electric lights, heating apparatus and motors at a distance, attuned to that pitch, will be set in operation. The economy of such a system would naturally be immense. The supply of electricity from a central station is at present a wasteful method, on account of the cost of the copper wire necessary to conduct it. The interest on the cost of this portion of the plant forms one of the greatest items of expense in the transmission of electricity from a central station. It is, therefore, much more economical, in cases where many lights are used, to depend upon an isolated plant in the building itself than upon a supply from a central station. But with the use of wires dispensed with, the generation of electricity at a central station, where fuel could be concentrated and converted into energy on a large scale, would naturally be the most economical for the entire community. The increase in the standard of living, and in the world's wealth, consequent upon the decreased cost of such a system, would be inestimable.—*Boston Herald*.

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THE PERFECT HEADMISTRESS.—She comprehendeth all natures; she hath no contempt for any. Therefore all are attracted toward her, and place their trust in her.

She is, like the Divine Providence, slow to anger. She considereth that she also is mortal, and therefore liable to error; but her subordinates doubt it,

She hath very pretty manners. Being in a figure royal, she is royally gracious. For she forgetteth herself

in the desire to set at ease them that come to her.

To live near her is an inspiration.

She is not equally well skilled in all subjects having had no more than the common span of time in which to perfect the gifts of her intellect. Yet she knoweth the difficulties of all her underlings; her counsel is wise; she is quick to discern between the ways that are good and them that be indifferent or naughty.

To all she is easy of approach, and most easy to the perplexed in spirit. She hath an unending patience, and so great a compassion for dulness, though it be far removed from the nimbleness of her own mind, that even the dullest do not fear to speak of their troubles to her.

She remembereth that the feminine body is made chiefly, though not altogether, of flesh and blood, which are but frail materials; she hath considered, with a sigh, that flesh at its best is but weak; and she asketh of human nature no more than it is able to perform.

She is a born administratrix. She marshalleth her forces even as a skilful general; she perceiveth the several capacities of her captains. She loveth little children.—*The Journal of Education, London*.

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Great results cannot be achieved at once; and we must be satisfied to advance in life as we walk, step by step.—*Smiles*.

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THE TELEPHONE.—The use of the telephone on Australian sheep ranches is becoming common. Its employment is mentioned on the Clark ranch in Montana, where all the sheep and shepherds are watched and handled telephonically, by means of six stations all communicating with a central point, from which come weather signals, orders, etc.