

veniences combined, and as we, so far, have been pumping water by hand the extra work that a flush closet would involve did not appeal to the man of the house. Also a flush closet would have involved the extra expense of a separate tank. As it is the waste from the kitchen sink and bathtub are carried to a cesspool a few yards from the house and on the opposite side from the well. Iron pipe conducts the waste water to the outside of the cellar wall, where there is a trap or bend in the pipe to prevent odors from reaching the house from the cesspool. From the house to the cesspool are four-inch tiles.

Let me say a word for the chemical closet. Ours is perfectly odorless and really is cheaper in first cost than the outside wooden privy; that is, unless one cuts the lumber on his own place; we ourselves have no bush. We installed ours at a cost of a trifle over eight dollars. We use Zenoleum as a disinfectant in the closet, and a gallon a year is ample. We get back its cost in convenience several times over in the winter season.

Saving the Plumber's Bill.

We did most of the work on this system ourselves, calling in the plumber only for a little of the more intricate work. The pipe wrench, dies,

etc., we borrowed for the job. Any man who can handle farm machinery successfully can do ordinary plumbing. All that is necessary is to have all plans carefully worked out before hand, even to the exact placing of the last pipe. We will in time have running water in the bathroom. At present we carry water from the sink to the tub, but the distance is only two yards. The cost of our whole system, labor and all, was not over \$100.

Several of our neighbors, people of greater wealth than ourselves, have now installed water systems, and all are highly pleased with them. The most popular type of water supply seems to be the pressure tank system. A few have two pressure tanks, one for hard and another for soft water. At the rate at which water systems are now going in there is hope that as many farmers will soon have bathrooms as own automobiles. And everyone who drives a car needs a bathroom, so I am told.

We all enjoy our running water system. Of course, the wife gets the most benefit from it, and well she deserves this and all the other comforts and conveniences we can afford to give her. "The greatest women of the race" have been too long neglected by their husbands, "the backbone of the country," as the politicians call us.



Master George Lywood, Prince Edward Co., Ont., Enjoys a Horseback Ride after the Cows.

in the kitchen and the pump in the cellar. It is an unusual thing to find the pump that raises the water supply for a large farm, including drinking water for all the stock, located in the cellar. "Our well is, as you see, some distance from the house," said Mr. Taylor in explanation. "It is about 28 feet deep and a pipe runs from it to the pump. We find no difficulty whatever in drawing the water this distance." A belt from the shaft in the kitchen passes through holes in the floor and turns a jack, which in turn operates the pump. On wash days, when the motor is running, the belt is attached and enough water is pumped to do the stock for one week. This water is delivered to a tank in the barn. "We have also," continued Mr. Taylor, "two tanks in the attic, one for hard and one for soft water, the latter being pumped from the cistern. Pressure is therefore furnished by gravitation. The water in the tank attached to the kitchen stove is also under pressure, so that we have hard and soft, cold and hot water always on tap."

An ordinary barrel churn is used, the pulley of which, as well as many other parts of the outfit, is of Mr. Taylor's own making. When butter is to be made the churn is brought in and put in its proper place. In starting up the churn, Mr. Taylor gave me a practical demonstration in belt tightening. He tipped the churn back until the pulley was raised some distance from the floor and slipped the belt on. It was then let down

and shifted to place, so that the belt was just tight enough to do its work. The washing machine is of the ordinary kind, and by a simple attachment is converted from a hand operated to a power operated machine. On the shaft attached to the washing machine is a small grooved pulley. A round leather belt, about the size of a thick whip-lash, transfers power to another grooved pulley on the wringer. This power washing machine is the most highly prized by the young housewife of all the labor-saving contrivances that have been provided by her husband for lightening the household work.

The Lighting System.

A complete electric lighting system is installed throughout the house and the barns. In any corner of the buildings when light is needed there is a bulb and a switch handy. About 30 lights are installed. In the parlor and dining room beautiful brass fixtures are found. Even the door bells are rung by electricity in this up-to-date home. Mr. Taylor has become a

(Continued on page 9.)

Electricity as a Partner in a Hastings Co. Home

It Lightens the Busy Housewife's Daily Tasks

By R. D. COLQUETTE, B.S.A.

"HYDRO-ELECTRIC" is a

word to conjure with. Under the spell of its potent magic, drudgery and gloominess disappear. With that mysterious fluid that it represents man can do almost anything except understand it. But what does it matter that we cannot reduce it to a formula. It is sufficient that we know how to lead it along its metal path into the basement of the barn, where it robs the chores of half their drudgery; and into a corner of the kitchen, where it takes the backache out of house-keeping; and along the ceilings to the glowing filaments that make the flame of a coal oil lamp or lantern look like Milton's "darkness visible."

Mr. G. V. Taylor, of Hastings Co., Ont., is doing all these things with electricity. In 1912 he installed on his farm the current supplied by the Seymour Power Company, one of the Trent Valley concerns recently absorbed by the Hydro-Electric enterprise. In the barn he utilizes it for running the milking machine and for lighting. In his house it turns the cream separator, the churn, the washing machine and the wringer, pumps water from the well, elevates both hard and soft water to tanks in the attic, and furnishes light for every room. Since this article is to appear in the Householder Number, it will deal only with the work the Hydro-Electric is doing in Mr. Taylor's home.

A Compact Arrangement.

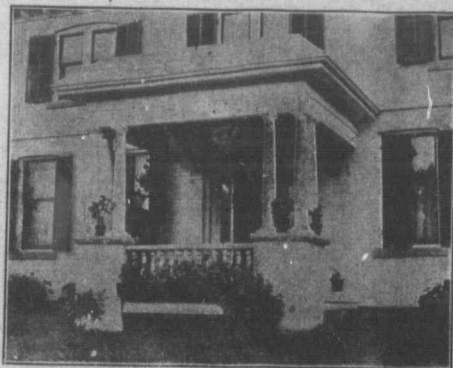
The motor is a small one, of one horse power, and is located in a small room off the kitchen. The driving belt runs to a pulley on a line shaft, which



The Electrified Home of G. V. Taylor, Hastings Co., Ont.

is suspended from the ceiling overhead. This shaft is about eight feet long and extends through the partition into the kitchen. On it are four pulleys from which two-inch leather belts run to the cream separator, the pump, the churn and the washing machine.

The separator is located in the small room, which contains the motor. It is conveniently placed near the door, so that the milk can be brought in and out without any difficulty. The other machines are placed



The Front Porch on the Farm House of A. S. Turner and Son, Ryckman's Corners, Ontario.
Mrs. Turner appears in the illustration.

From a C A Woman

WE hear much of the stress and strain found in the activity which has provoked and congenial and quite which they left. An occupation in agriculture is sure to for women to make a living, bee keeping, fruit dairying, fruit raising, and many other phases have been taken up by cases with conspicuous results have been heralded but why is it that more girls who have left bus the wives of farmers, cult problems as the women account, and in many has been just as marked. There may be some girls have left good business the wives of farmers. country, however, one is the number of women to raised in town and who business careers in order of country homes. town or city but has given is apt to be surprised all have developed in the dates.

Scoring a "D" I have in mind the case scored a "double first," and have been successful in work. As a business girl responsibility for some of the success that she achieved is still prouder, how has made of her farm a good reason, as anyone would the pleasure as I have, and of enjoying one of her mastered housekeeping, a thousand and one activities of an energetic farm woman mind my mentioning enthusiastic institute work.



A Former Business Girl Last year her poultry won