

### Washington Girl Makes Language Her Hobby

In the various government departments at Washington are many women of exceptional attainments whose valuable work is known only to their co-workers.

Miss Frances M. Fernald, translator in the bureau of education of the Interior department, is one of these. She has, perhaps, more languages at her command than any other person in the national capital. Thirty-two languages and dialects are the modest sum of her accomplishments. These include Persian, Chinese, Japanese, Arabic and Russian, usually considered especially difficult to master.

Miss Fernald is an ardent advocate of Esperanto, which she speaks readily. When Prof. A. Christen, professor of modern languages at Aberdeen university, was in this country, he gave her French lessons, in exchange for which she wrote his book on Esperanto.

Miss Fernald never wastes a minute. "I am studying every minute. Most of the languages I have learned going back and forth on the street cars between my home and office."

### More Land for Farmers

An effect of the discoveries of garnet and other early-maturing wheats became apparent recently when the Canadian federal department of agriculture officially announced that the northern limit of agriculture in western Canada has been forced back 60 to 75 miles and a vast new empire opened up for productive purposes. Commenting on this statement in a recent issue, the Winnipeg Free Press says that a new homestead area will be inevitable throughout this vast additional semi-wooded area, with its mixed farming opportunities.



"My brother says he can't sit down and he can't stand up!"  
"Well, if he tells the truth, he lies!"

### Victory for Art Lovers

After 30 years of intermittent efforts on the part of the successive mayors of Naples, supported by prominent art lovers, it has been decided to raze the cluster of unsightly buildings which so long has marred the superb beauty of the famous stronghold known as the Castle Nuovo. The Castle Nuovo was built in 1279-83 by Charles I of Anjou from a design supposedly supplied by Pierre d'Angicourt, and was enlarged successively by Alfonso I in 1442, by Don Pedro de Toledo in 1546 and by Charles III in 1735. The kings of the houses of Anjou and Aragon and the Spanish viceroys one after another used it as a dwelling. Besides its outward architectural beauty the castle contains a famous lofty Gothic armory.

### Concentration

"A lucky man," said Uncle Eben, "is one that is enough interested in what he's doing to take his mind clean off clock watching."—Washington Star.

### Queer Objects That Get Into Human Eye

Nearly everyone has suffered the pain due to getting foreign bodies in the eyes, but few realize the origin of some of these irritants. Recent researches by an oculist show that many of the things we collect in our eyes cover vast distances before finally obtaining the lodgment that gives us so much discomfort.

For example, the great deserts of the East contribute prolifically to the number of dust particles we get in our eyes in the course of a lifetime. Heavy winds whirl tiny atoms of sand the world over, and many of them come to rest in the human eye.

Volcanic disturbances may cause discomfort in a similar way. Molten lava exudes clouds of steam which contain billions of particles, most of which fall to earth thousands of miles from the scene of the eruption.

Perhaps even more curious is the little-known fact that the scales of butterflies' wings are often found by oculists to be a source of irritation to the human eye. These scales are invisible except through a microscope, but they are capable of causing intense discomfort. Some of them, it has been proved, reach our eyes from tropical lands, having been carried across the oceans by the air currents.

### Coal Mine Development Shows British Tenacity

The Briton is a persistent individual. Indeed, a large part of England's success is properly attributable to the bulldog grip she places upon her undertakings, says the New Orleans Times-Picayune.

For instance, in the coal land of Yorkshire a company has just completed a mine and reached an extremely valuable vein of coal, after 17 years of effort and at a cost of \$7,500,000. To be sure, there was "time out" for the world war, but before and after the company plugged away sinking its shaft, fighting rushing waters and almost every other known obstacle to mining. Today the shaft is complete and producing, and to care for the 4,000 operatives required to handle the work the company has entered upon the construction of 2,000 homes.

Labor in Great Britain has been insisting that owners have no right to profits in their mines, because nature put the coal there, but, if such determination and investment as above mentioned does not deserve its full compensation, there is no virtue in logic.

### Work for Americanization

The North Dakota Bar association has named one lawyer in each county of the state on its Americanization committee, and each member of the entire bar association is pledged to stand ready at every call to give talks on Americanization for any organization or program which may request aid and to assist in any other manner possible in furthering the work of Americanization in the state.

### Rode on Train's Pilot

Just as a freight train struck his automobile at Walpole, N. D., Rudolph Stover swerved sharply ahead of the engine and with the rear of his car resting on the pilot steered down the track for half a mile before the train stopped. Two passengers in the rear seat were painfully hurt when the rear of the car was caved in by the impact, but Stover and another in the front seat escaped injury.

### Normalcy Is Rather Dull

Thermometers are interesting only when they are doing stunts.

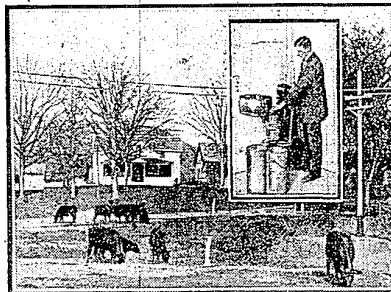
## DAIRY FARMS PROSPER WITH ELECTRIC MOTOR

Exactng Daily Schedule Runs Smoothly With Minimum of Human Effort—A Typical Dairy Farm's Equipment.

Dairymen have turned to electricity with a keen appreciation of its possibilities. The results, from reports that are thus far available, indicate that a most impressive amount of work on dairy farms is accomplished by electrical means, wherever the dairy farm has been wired.

There are certain daily duties on a dairy farm which must be performed without fail, and upon which depend

On a far western dairy farm, the electrical equipment consists of a total of seven motors, for both farm and farmhouse, driving a milking machine, a separator, a bottle-washing brush, a root-cutter, a wood-saw, a clothes washer and a sewing machine; two one-kilowatt electric water heaters, one one-kilowatt reflector heater, an electric mixer, an electric percolator,



Above: Horace Nelson, of Red Wing, Minn., finds he can manipulate the electric separator without putting on overalls. Below: Nelson Brothers' dairy farm in Minnesota, where electricity is prominent on the payroll.

the successful operation of the farm in its constant relation to the dairy markets supplied. The milking schedule and the cream separating "chores" represent the most important of these. Dairy farms in various parts of the country have long been using electric milking machines and electric cream separators. In both instances, the time and drudgery saved by the electrical method have opened a new era of country life for the farm owner, his hired help and his whole family.

three electric irons, a toaster and a waffle iron. The entire farm, of course, is also electrically lighted, this part of the equipment running up to 400 watts and including the use of electric lights for increasing the egg production of the chickens in the winter. Much of the farm's equipment, naturally, might be found on farms of any type, but this is thought to represent a fairly typical and fairly complete case of electrification for a dairy farm.

## The Bugaboos Will Have to Step



### Telepathy

"I can understand how they find new planets, but I can't understand how they get to know their names!"—Vikington Anlo.

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