

### TEACHING BLIND TO READ IS LATEST

#### What Can be Accomplished Through Sense of Sound.

The following from the Philadelphia Saturday Post, will be read with interest by many:

"A blind man may some time be able to read the daily newspapers, books or any print with no aid except that of a machine. Such a machine has now been devised, but it is still far from perfect. Posters furnish about the only reading that can be done with it now.

What the apparatus does is to sound musical notes or chords in the blind man's ear for each printed letter. With experience the blind man will be able to tell the letter each combination of notes is intended to represent.

The inventor of this machine is a London scientist over a year ago he perfected an instrument that would enable a blind man to detect the source of any light near him to find the window of a room, for instance. A box that looked something like a camera was held in the hands of the blind man and wires connected the box with a telephone receiver at the blind man's ear.

A selenium unit in the box detected any light and sent a current to the telephone receiver, thus making a sound in his ear. The blind man could point his box or camera in any direction. When it was pointed at light the telephone receiver vibrated the loudness of the noise being dependent on the strength of the light. The new device is a development of this box—or optophone, as it is called. Words in large type—on a poster, for instance, are passed in front of the new instrument. A strong light is thrown on the type, part of this light being reflected back from the white paper, and part of it not being reflected, where the rays strike the black ink. The returning rays are detected by a checked board group of selenium cells. Each of these checker-board cells will cause a musical note to sound in the telephone receiver at the blind man's ear, and each cell has its own individual musical note.

When the letter M is passed in front of the instrument, for instance, there is first a crash of a whole scale of tones, as the upright line at the left comes along; then as the slanting middle-lines pass before the instrument, the notes first run down the scale and then up the scale, and then the right hand upright lines causes another crash of many notes. The blind man quickly learns that this combination of sounds means M. The inventor hopes it will be possible to perfect his apparatus eventually so that it can be used on ordinary type. On the face of it, the apparatus needs only refinement to enable blind men to read the newspapers; but it is extremely difficult to obtain that refinement.

#### RAILWAY ENGINES LOST.

South Eastern and Chatham Company Looking for Part of Rolling Stock

Some amusement has been occasioned by the discovery in the stocktaking at the South Eastern and Chatham Railway Works at Ashford that two railway engines are missing.

Inquiries have been made up and down the main lines, but up to the present no trace of their whereabouts can be found. One of the engines is of up-to-date pattern.

A local skit runs: "Passengers who sometimes lose their trains will be interested to learn that the railway company have lost the engines."

Financial starvation is now said to confront General Huerta, Mexico's provisional President.

#### A Kick About Coal Quality



is by no means a rare thing these times. But it is a party with us, because we take care to buy only the best grades of coal, as we know our customers would not buy from us any inferior qualities—not twice anyway. At it is our policy to keep our customers, we could not afford to give them any but the best coal, full weight, without dirt or rubbish and at a reasonable price.

**F. H. Walsh**  
Coal and Wood Dealer,  
Phone 345  
Sole Agents Beaver Brand Charcoal

## CHANCELLOR'S WARNING

### Against Mad Race in Armaments—New Year's Cry—Time Ripe For Big Saving.

Mr. Lloyd George spent Christmas at Criccieth in the bosom of his family, but it is seldom that his busy brain is not occupied with the big things of State, and just at present two subjects in particular are engaging his attention—armaments and land reform.

On the subject of armaments he expressed himself very fully and frankly to one of his visitors. With his sanction the observations were recorded and published in the Daily Chronicle on New Year's Day.

"If," said the Chancellor "the expenditure of this country upon armaments had remained even at a figure which Lord Randolph Churchill in 1887 regarded as being bloated and profligate, a saving would have been effected equivalent to 4s. in the £ in the local rates. The whole of the duties on tea, sugar, coffee and cocoa could have been swept away and the income tax reduced to 2d. in the £.

"I think it is the most favorable moment that has presented itself during the last twenty years for overhauling our expenditure on armaments. In the first place, our relations with Germany are infinitely more friendly now than they have been for years. The strain, owing largely to wise and patient diplomacy of Sir Edward Grey, is completely relaxed.

The Agadir incident served a very useful purpose in bringing home to these two great countries the perils involved in the atmosphere of suspicion which had been created and maintained by the politicians, the press and certain interests. The realization of the imminence of the danger came as a great shock, and sanity has now been more or less restored on both sides of the North Sea.

#### Germany's Fear.

"My second reason—and it is a very practical consideration—is that Continental nations are directing their energies more and more to the strengthening of their land forces. For years Germany seemed to have set her heart upon putting her best thoughts into the development of her naval power.

But the experience of the last two years has reminded her that if a country concentrates its energies upon one branch of its defensive forces, it is generally at the expense of the other.

"The German army is vital, not merely to the existence of the German Empire, but to the very life and independence of the nation itself, surrounded as Germany is by other nations each of which possess armies almost as powerful as her own. The country has so often been invaded, overrun, and devastated by foreign foes, that she cannot afford to take any chances in that direction.

"It seems to me that we can afford just quietly to maintain the superiority we possess at present, without making feverish effort to increase it any further. The navy is now at the height of its efficiency. If we maintain that standard no one can complain, but if we went on spending and swelling its strength, we should wantonly provoke other nations.

#### What the People Think.

Thirdly, Mr. Lloyd George pointed to the awakened temper of the democracy in Western Europe with rela-

tion to the non-productive expenditure on defence.

"The common sense of the industrial classes, be they capitalist or labour, has risen against this organized insanity. And unless Liberalism seizes the opportunity," continued the Chancellor of the Exchequer, speaking with great emphasis, "it will be false to its noblest traditions, and those who have the conscience of Liberalism in their charge will be written down for all time as having grossly betrayed their trust."

Coming to other questions he said: "Mr. Asquith has made it perfectly clear that the constitutional question cannot be regarded as being settled until we have—not a reform of the House of Lords—but a new Second Chamber altogether, which will be an accurate reflection of public opinion."

"He has also stated that the party under his lead will treat Irish Home Rule merely as the first step in a great policy of devolution, which will ultimately relieve the Imperial Parliament of the burdens of purely local and provincial affairs, so that it will be free to devote its time and strength to the consideration of great Imperial and international problems."

The Chancellor foreshadowed a thorough-going scheme of educational reform, with the denominational difficulty in the foreground, and a Temperance Bill for next session, and the treatment of the problem of local taxation.

In conclusion Mr. Lloyd George repeated his fervent belief in the justice and expediency of conferring the parliamentary franchise on women, and declared that if it were not for the folly of the militants the Liberal party would now have been committed as a party to pressing through that great reform.

"This is a great national misfortune," he said, "for every great and beneficent cause would be strengthened beyond reckoning by the unrestricted admission of women to the franchise."

#### WHAT SHE WANTED

A witty old judge had before the bar of justice a woman who wept most bitterly over her misfortune. Her sobbing shook the court room, and her tears of no mean size coursed in a great stream down her cheeks to the floor.

While she wept thus profusely, Barrister Finnegan chanced to come in, and seeing the prisoner and hearing her cries, anxiously asked of the Bench:

"What in the name of all the saints of heaven is the matter with the poor gurgul before the bar of justice?"

"I'm sure I don't know," was the judge's reply. "Apparently she's waiting to be bailed out."

#### A WONDERFUL COLD CURE.

Just think of it, a cold cured in ten minutes—that's what happens when you use "Catarrhzone." You inhale its soothing balsams and out goes the cold—sniffles are cured—headache is cured—symptoms of catarrh and healing disappear at once. It's the genuine pine essences and powerful antiseptics in Catarrhzone that enable it to act so quickly. In disease of the nose, for irritable throat, bronchitis, coughs and catarrh it's a marvel. Safe even for children. 25c and \$1.00 sizes at all dealers.

President F. F. Westbrook expects the University of British Columbia to open in 1915 with 500 students.

## NEWS NOTES

Railroads in Portugal are tied up by a general strike.

Dr. James Walker, of South Bay, one of the oldest and most prominent citizens of St. John, N.B., died at the age of eighty-four.

Rev. Dr. Thomas Crosby, pioneer Methodist home missionary, died suddenly at Vancouver, aged seventy-three years six months.

The Italian Government has officially denied the rumor that negotiations were in progress for the sale of Italian warships to Turkey.

Four fires in rapid succession early yesterday morning, rendered nearly 1,000 homeless in New York, causing much suffering in the zero weather.

Temperatures as low as 35 degrees below zero were reported from several points in Ontario, and business was in some places practically at a standstill.

Mrs. Ernest West and her two children were seriously burned in a gas explosion at their home on Cheever street, Hamilton, yesterday. Neighbors rescued the occupants. The victims are in the City Hospital.

Captain C. A. Berriman of St. John, N. B., and all the members of the crew of the British schooner Greta, were brought to Vineyard Haven, Mass., yesterday on the tug Nemaswet, which took them off their dismantled vessel. The Greta is supposed to have gone down.

## Semi-Annual CARPET AND Rug Sale

Reductions from 20 to 35%

Our January Carpet and Rug Sale is always awaited with the utmost eagerness on account of its great money-saving values. Our stock is only of the better quality and our patterns and designs the newest and up-to-date.

You should avail yourself of this opportunity.

#### Brussels Carpets

Rich colorings in floral and Oriental designs, in Fawns, Reds and Greens, suitable for living, dining room and library. Also small patterns for dens, halls and bedrooms. Regular prices up to \$2.00 yard. Sale price ..... \$1.35 yard

#### Tapestry Carpets

Suitable for any room or bedroom or halls, some with borders to match, for rugs for any odd-size room, good colorings and designs. Regular prices up to \$1.35. Sale price ..... \$1.10

#### M. E. LONG

Furnishing Co., Limited  
83-85 Colborne Street  
(Watch Our Windows)  
Service and Quality Our Motto

## YOU PAY LESS HERE!

# BIG JANUARY SAVINGS FOR SATURDAY ONLY

You had better take advantage of these prices as they can not be duplicated. All are best quality goods, no seconds!

**A SPECIAL IN NEVADA TEA SPOONS**  
solid nickel silver; nothing to wear off; no plating; will practically last forever, tipped pattern. Saturday only, per dozen ..... **69c**

**HERE IS YOUR CHANCE IN SKATES**  
Both Ladies' and Gents', Boys' and Girls'; all the standard makes. As we do not wish to continue this line, we will offer all our standard makes at very special prices. If you want a good skate cheap see our line. Saturday per pair from ..... **50c**

**BIG VALUE IN PIPE WRENCHES**  
The popular Stillson pattern; has through wood handle; all parts interchanged. Saturday only:  
8 inch ..... 75c  
10 inch ..... 85c  
14 inch ..... \$1.10

**SOME VALUE IN CROSS-CUT SAWS**  
These saws were never made for the money. Each one is of the highest quality steel. Thin back lance tooth, etched blade, always sold at 50 cents per foot. Five and one half feet long, complete with handles, Saturday only per foot ..... **38c**

**A BARGAIN IN HANDLED AXES**  
Solid steel bit, full polished; sharpened to a keen edge; vermilion painted head, regulation length. Saturday only ..... **73c**

**SPECIAL PRICES IN SLEIGHES**  
We have them in all styles and all grades, from the cheapest boy's sleigh to the speedy Flexible Flyer. Our assortment includes both Boys' and Girls' patterns. Saturday ..... **29c**

**KEEP UP THE COLD AND SAVE FUEL**  
on your windows and doors; good heavy felt, put up 25 feet in a package. Saturday only ..... **42c**

**KEEP YOUR FEET WARM**  
by getting one of these Carriage Heaters, 15 inches long, oval shape. Light and handy; heats quickly, covered with fine Brussels carpet, metal ends, coal drawer and two iron handles. Saturday only ..... **\$1.98**

**PROTECT YOUR HANDS THIS COLD WEATHER**  
We have the best assorted line of Mitts and Gloves in the city, comprising all kinds from the cheap canvas gloves to calf, horsehide, Buckskin, etc. These are all at special prices Saturday per pair up to ..... **10c**

**A SNAP IN COMBINATION PLIERS**  
What is generally sold at 50 cents; full nickel plated; the popular slip joint pattern, about 6 1/2 inches long, opening up to 1 1/2 inches. Saturday only ..... **23c**

**REPAIR YOUR OWN SHOES**  
Our IDEAL COBBLER'S OUTFIT will do it; comprising 1 heavy standard, 3 lasts, 1 each boy's, men's and misses'; 1 peg awl, 1 sewing awl, 2 handles, 1 knife, 1 hammer, 1 package tacks; full directions; all packed complete in wood box. Saturday only ..... **48c**

**A CARPENTER'S SPECIAL IN HAND DRILLS**  
Capacity up to 5-32 inch nickel plated chuck, malleable iron frame, gears cut from solid metal, full size handles, polished hardwood, length 10 1/2 inches over all. Saturday only ..... **\$1.49**

**A HANDY LITTLE MATCH SCRATCHER TO EVERY CUSTOMER**

**The Big Hardware Store**  
84 Temple Bldg. T. A. SQUIRE Both Phones 480

**HARRISURG**  
(From our own correspondent).  
A large number of friends from here attended the funeral of the late Lindsey Prime who passed away at the Brantford hospital on Thursday afternoon. The deceased was highly respected and well known here having lived here for the last eight years and had many friends, the deceased leaves behind a large family and widow, who will have the deepest sympathy of the whole community in the sad death of a kind and loving father and husband.

The funeral of the late Mrs. Allen who passed away at her home here on Thursday last took place on Saturday at the cemetery, St. George's.

Large quantities of turnips and hay are being daily shipped from the station.

Messrs. John and William Hazell, of Burlington Beach, were the guests of their grandmother here one day last week.

Mr. John Rudolph of Grimsby was calling on friends in the village one day last week.

Mr. R. Laidlaw of Sarnia, spent a few days last week with friends in the village.

The intense cold that prevails in Italy has been accompanied by snow, the bitter weather being unprecedented. In the Apennines the snow is two feet deep and the tram and auto services are interrupted.

## With a Victrola you can have grand opera right in your own home.

COMPLETE LINE can be had at the VICTOR STORE of



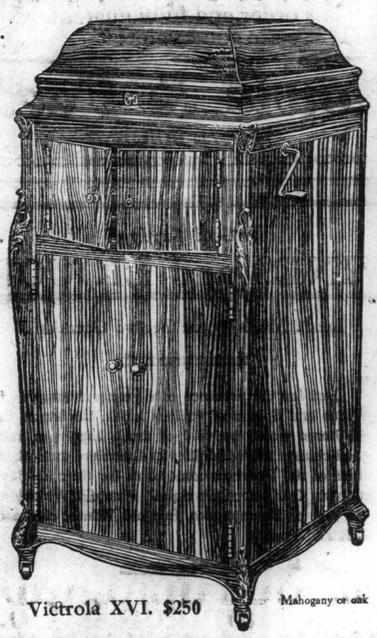
Caruso, Melba, Tetrzini, and Schumann-Heink, are among the world's greatest artists who make records exclusively for the Victor.

There are Victors and Victrolas in great variety of styles from \$20 to \$300 at any "His Master's Voice" dealer in any city or town in Canada. They are sold on easy payments, as low as \$1 per week, if desired. Victor Records are 90c for ten-inch, double-sided. Write for our catalog listing over 5000 Victor Records.

**Berliner Gram-o-phone Co. Limited**  
104 Lenoir Street, Montreal.  
Dealers in Every Town and City

# CHAS. H. BROWN

The Exclusive Victor Dealer 9 George Street  
Drop in and Hear Your Favorite Selection



Victrola XVI. \$250 Mahogany or oak

### Fine Watch Rep

All Watch, Clock Jewelry repairing guaranteed. If you any old Jewelry would like made bring it to us. charges are very reasonable.

**Buller B**  
108 COLBORNE ST  
Jeweler and Opt  
Bell Phone 1357

WE we have our gremences The J. L. S