

Parish Educational Business Bulletin

COUNTRYMAN and ZORN, Proprietors. Quality Meats at Moderate Prices. We deliver. Give us a trial.

JANUARY SALE-- Fur Coats and Garments. We Sell and Repair WATCHES and CLOCKS. RICE AND KLEM. Phone Main 2009.

RAY BATTERY SALES & SERVICE CO. 75 CORLAND ST. Phone Main 3689.

HAMILTON B. WILLS CO. Limited. STOCKS and BONDS. 10 EAST MAIN. MAIN 5445.

William J. J. Weber TAILOR. Cleaning--Pressing--Altering. Steam Cleaning--Dyeing. 586 Portland Ave., Cor. OXFORD.

SLEEP: Always on Never Stretch Mattresses. Because sleep comfort is built into them. "Ask your Dealer"

Ross Battery Station. Winter Storage, Starter generation, Ignition service, Mobil Oil Accessories. 117 Thompson Road. Genesee 5211.

ALFRED J. TAYLOR VULCANIZING. 341 Genesee St., Rochester, N.Y. Home Genesee 1885-W.

Seamless Hot Water Bottles. Guaranteed. Prices \$1.99 to \$2.50. WM. YALOWITZ DRUG CO. 588 HUDSON AVE., Rochester, N.Y.

General Motors Trucks. Sold and Serviced by FRANK P. HUNT. 15 Pitkin Street.

MRS FISHERMAN BECAUSE OF DUAL RESCUE IN 1894.

Detroit Man Installs Radio Stations as Latest Benefit to Isolated Colonies. Rescue of himself and son by a coast guard crew after his yacht had been splintered on a reef, started W. H. Law of Detroit on a mission that has touched hearts lives in more than a score of places along the Great Lakes.

RATHER A FINE DISTINCTION. Point Made by Indianapolis Man Might Even Be Considered Open to Argument.

Some years ago the late Henry Coe was carrying a small line of fire insurance on the household goods of his friend William A. when the latter turned up in his office one morning with the invoice for a new Amminster rug. A lighted lamp had been upset on the rug the night before and the fire had run all over it, charring its surface to a nasty brown.

BEST PAINT FOR YOUR MONEY

Best paint for the money, should be of interest to all those who are planning on any inside decorating and painting. At all times during the year people realize that after all there is only one F. DeVliser Company with its endless supply of paints, oils, varnishes and brushes. The goods are dependable, and their unique values are to be remembered by all users of our paints and other supplies.

LEFT THE ANGLERS GASPING

Stories of Marvellous Catches Faded into Insignificance Before Incident Related by Guest. A rank outsider won the brown derby, the cut glass bathing suit and the solid goldfish, all at once, at the Anglers' club dinner the other night.

BEST QUALITY MEATS

The best quality meats are procured here at The Andrews Market, 73 Front Street. Why not order one of our home cured hams for the evening lunch. Our hams are selected from young tender, corn-fed pigs, and they have that deliciously mild flavor because we prepare them with our own special, old-fashioned sugar cure.

EVENING SCHOOL

All commercial students who are unable to continue in high school to the end of their commercial course may continue their study in the evening school. This means that it is quite possible to complete the entire commercial course and add material to the chance for promotion by attending evening school, but only those who cannot attend a day school should be satisfied with evening courses.

ROCHESTER MADE MEANS QUALITY

Rochester made means quality as you know when you purchase a Presto-Lite Storage Battery, at Oliver Bros., 109-111 Monroe Avenue. Presto-Lite Batteries will start your car. A Rochester Battery for Rochester people. You've tried others, now try us. You will receive our best attention. We will store your battery for the winter months at prices that are reasonable.

SOMETHING SWEET, WE HAVE IT

If it's something sweet, we have it. If you call here at 191 Genesee Street, and look over our complete stock of candies and take home a box and see if you and your family are not completely satisfied that we have the best on the West Side.

Answers the average cultivated taste

Every man--well nearly every man--likes nothing better than a good cigar, and the chance are that he will find just those cigars here of a store, Louis A. Flynn. You'll have to hunt far and wide to find the smoker who won't be tickled to pieces by just those good cigars.

Simple Shock Absorber That Was Devised by Operator on a Transoceanic Vessel.

One of the worst irritations suffered by the crystal detector operator is the frequent jarring out of good adjustment. Often the slightest vibration caused by a heavy footfall, slamming of a door or someone brushing against the table is sufficient to disturb the good point. The process of the readjustment has to be gone through again.

CRISTAL JARRING CAN BE PREVENTED

Simple Shock Absorber That Was Devised by Operator on a Transoceanic Vessel. The worst irritations suffered by the crystal detector operator is the frequent jarring out of good adjustment.

CINDERELLA LEGEND IS OLD

Found Among Myths of Almost Every Country of Europe, With Different Interpretations. The well-known fairy tale of Cinderella has been found among the myths of the Aryans, and from that it is known that it is the story of the Sun and the Dawn.

Disappointment Was Mutual.

Mason, who played the flute in the orchestra at the local theater, was taken ill half an hour before the performance was due to begin.

It Happened in Boston.

A woman alighted from her limousine and tripped daintily into a Washington street shoe store.

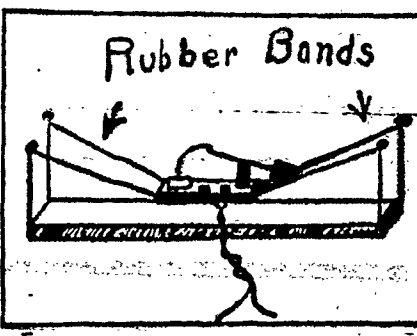
Winter Tennis Uniform.

Tennis is popularly supposed to be a sport for spring and summer, but in some sections it is made a winter sport. Tennis players wear woolen gloves on cold days.



CRYSTAL JARRING CAN BE PREVENTED

Simple Shock Absorber That Was Devised by Operator on a Transoceanic Vessel. One of the worst irritations suffered by the crystal detector operator is the frequent jarring out of good adjustment.



Use a flexible cord for connecting the detector into the circuit so that it can be taken off the shock absorber and adjusted on the table. When a good adjustment is obtained, carefully replace the detector on the shock absorber and it will stay in adjustment almost indefinitely unless of course disturbed by the heavy signals or static.

What Is Meant by Resonance.

You'll read in any radio magazine or other publication that in order to detect incoming waves you must bring your secondary into resonance. Sounds oddlike, doesn't it? It's very simple. Take two tuning forks. Adjust them to the same pitch and strike one. The other will respond to its vibrations.

It is now the thing for social clubs to have "radio committees."

An eastern institution for the blind has installed radio for its boys. The boys receive lessons in the code and learn to copy commercial messages.

Radio waves from Queenstown, Ireland, were amplified in New York with such success that they disturbed the proceedings of the Supreme court in a building opposite the receiving station.

At present France has the most powerful radio station in the world in the American built Lafayette towers near Bordeaux.

Dr. H. W. Nichols, an eminent electrical engineer, announces that the ether is not only not of use in radio transmission, but that it is an interference.

Radio outfits have become so numerous in the apartment houses in New York that it has become a problem to find space for the antennas on the roofs.

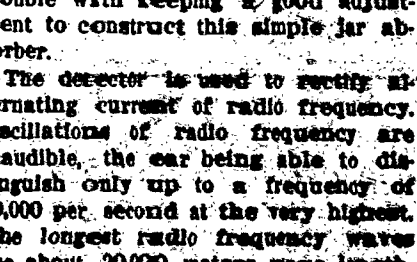
Dr. Marconi is reported as saying that radio will result in the junking of the ocean cables.

Mr. Mackay of the Commercial Cable system, says Marconi "talks through his hat."

It seems to us that neither could be called a disinterested witness.

It is only fair to Marconi, however, to say that it is doubtful if he uses his hat as a means of transmission; the ether is too handy.

Fig. 2



The detector is used to rectify alternating current of radio frequency.

Oscillations of radio frequency are "inaudible," the ear being able to distinguish only up to a frequency of 10,000 per second at the very highest.

The longest radio frequency waves are about 20,000 meters wave length, or 15,000 oscillations per second, which is well above audibility, and also above the frequency range of the telephone diaphragm.

The frequency of the present short broadcasting wave length is many times as high as this.

The audible frequencies that we hear are impressed upon the carrier wave in variations in amplitude of the carrier wave.

If only a tuning device and phones were used at the receiving station without some kind of rectifier the wave modulated by the audible frequencies would have no effect whatever on the diaphragms of the headset, because regardless of the strength of the oscillations or the percent of modulation the positive half is always equal and opposite to the negative half, and they will exactly neutralize each other.

When rectified either the positive or the negative side of the carrier wave is cut off, leaving the other half free to affect the diaphragm.