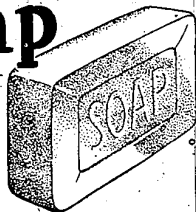


For the PRICE of a bar of soap



You can purchase something which is as much a part of the way of life of the 20th Century as soap — **YOUR COMMUNITY NEWSPAPER**. In it you will find articles on the **FARMINGTON CITY** and **TOWNSHIP** government, and the **COUNTY, STATE** and **NATIONAL** government as they influence the local scene.

The **SOCIAL LIFE** of the community is reflected in **THE ENTERPRISE**, too. You will find news about clubs and fraternal organizations and news from the schools.

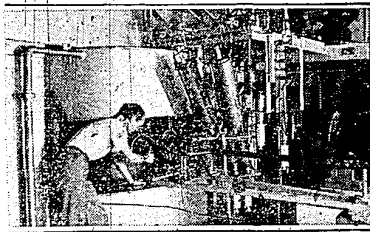
And whether you are a business man or a housewife you will want to know what your local advertiser is offering each week.

All of this and more may be had for the price of a bar of soap—yes, even less, for when you buy a year's subscription to **THE ENTERPRISE** for \$1.50, each copy costs you less than three cents.

The Farmington Enterprise

Your University

PERSONS, PLACES AND ACTIVITIES YOU HAVE HEARD OR READ ABOUT AT THE UNIVERSITY OF MICHIGAN



THE MICHIGAN CYCLOTRON.

Above is shown Michigan's new cyclotron, or "atom-smasher," which has been rebuilt from the machine first constructed at the University over two years ago. Research with such equipment is unifying a vast amount of new information on the inner structure of the atom and the effects of radiation on plant and animal tissue. Construction and operation of the Michigan cyclotron have been under the direction of Prof. James M. Cork and Dr. R. L. Thornton, who is shown with the new machine in this picture.

The cyclotron bombards a target element with particles of heavy hydrogen. Within a vacuum chamber, behind Dr. Thornton's right hand in the picture, the particles are given a spiral motion by an accumulation of high voltage pressures and the action of a "90-ton de Kro-magnet," which is made up of the large oil-cooled coils above and below the vacuum-chamber and the huge iron frame surrounding the whole machine. Electrodes carrying alternating charges of about 50,000 volts are within the chamber itself.

Traveling at a speed of 18 or 20 thousand miles per second, the particles are discharged directly into the target, knocking off particles of that substance or being absorbed by it. In either case, a new substance, or isotope, is created.

Study of these atomic changes and of the effects of radiation from the bombardment process and from the artificially created elements is opening up whole new fields of research to the physical and biological sciences.

TO CONNECT FIRE TOWERS BY RADIO

Contrasting the days when forest fire fighters used trees as lookouts and did their patrolling on horseback or by buckboard, 56 of the States steel towers scattered throughout northern Michigan will be linked by radio before the next fire season.

Construction of the radio units to be installed in the towers is now being completed at the conservation department's radio laboratory. A few of the units were in operation in key towers during the last fire season for testing and were found to be highly satisfactory.

The new sets are ultra high frequency transmitting and receiving units which can cover a distance of 25 miles consistently and which have been used regularly over 40-mile spans. The purpose of the sets is not to displace telephone communication between crews, but to make the telephone system more flexible, to eliminate time consuming switchboard connections, and to supplant telephone lines where the cost of maintenance is prohibitive or the lines are difficult to construct.

Previous to adoption of the radio there were districts in the fire zone where contact between towers could be made only over a circuitous telephone exchange routing, even though the towers were within sight of each other with resulting loss of valuable time when reporting a fire. Experiments with units have demonstrated their possibilities in reducing the time elapsing between the moment smoke is sighted and

the time a crew has arrived at the scene of the blaze.

The units are contained in metal cabinets only 24 inches long by seven and a half inches high. They can be installed in a tower by two men in an hour and a half, and this time can be reduced by half in an emergency. The cabinets proper are to be installed in the attic space above the ceiling of the tower cabin.

Letters to the Editor are always welcomed by this newspaper.

RESERVE ARMY ISSUES CALL FOR MORE MEN

In order to build up the Regular Army Reserve to the authorized strength of 75,000, the War Department has recently liberalized the qualifications for enrollment. It was announced recently by Major General Stanley H. Ford, Commanding the Sixth Corps Area.

In order to make available immediately in the event of mobilization trained men to expand Regular Army units from peace to war strength, Congress at its last session established the Regular Army Reserve. This is one of the most important of the preparedness measures being taken to place our defenses on a sound basis.

In this Reserve are voluntarily enrolled ex-enlisted men from the Regular Army who wish to make their training available to their country in time of emergency. Regular Army units must be ready to move on "M" (Mobilization) day. They cannot wait to train raw recruits. The previously trained soldier has the knowledge and skill which is so vital for effective operations during the initial phases of a campaign.

Previous restrictions as to marriage and time of enrollment have been removed. Under present instructions enrollment is limited to men less than 35 years of age, who have been honorably discharged after at least one year of continuous service and who are otherwise qualified for enlistment in the Regular Army.

No active duty or drills are required and pay at the rate of \$2.00 per month is received.

The quota of the Sixth Corps Area is 1142. Fifty reservists were enlisted during December, 1938. 257 have enlisted in the Regular Army Reserve in the states of Illinois, Michigan and Wisconsin since its establishment.

Ample notice of change of address should be given, when moving. Notice should be given before changing if possible.

Merchants Wise, Advertise!

REDFORD CONSERVATORY OF MUSIC

17630 Lahser Road

Presents

Mr. Thaddeus Wronski

FRIDAY, JAN. 20, at 8 p. m.

In a Lecture Demonstration of

The Modern Vocalist System

The world's newest and quickest method of studying singing. The system is now being nationally introduced—Anyone interested in singing is cordially invited.

Free admission and literature

—WE TEACH ALL INSTRUMENTS—

It Pays To Advertise!

Want Ads

BUY — SELL — EXCHANGE

1½¢ per word. Minimum 35¢

All Want Ads Cash Before Insertion

AUCTION SALE — 857 Pennington Ave., Plymouth. Good clean used new furniture, dining, living and bedroom suites, odd chairs and tables, dishes, rugs, stoves, vacuum cleaners, kitchen utensils. Sale last Tuesday afternoon. Terms cash. Harry C. Robinson, Auctioneer. 40-25-p

AUCTION SALE—Community sale every Tuesday at 1 p. m. Horses, cattle, poultry, pigs, etc. Also furniture and miscellaneous merchandise. Bring anything you have to sell—get cash at once. Ted Dudley, auctioneer. A. A. McEachern, Mgr. ¼ miles west of Norvell on Grand River. 52-1-c

Will pay cash for past due notes and accounts receivable. Minimum fifty dollars. Michigan Adjustment Co., 655 S. Woodward, Birmingham, Michigan. 21-t-c

DANCING SCHOOL—Dancing taught by appointment by the Dancing Balleys, formerly on the stage and exhibiting for the leading ballrooms of the country. Teachers of fancy, ballroom and tap dancing. It will be worth your while to give us an interview. Located at 132 Randolph Street, Northville. Phone 35-J. 46-t-c

WANTED—Middle aged housekeeper for an employed couple. 21430 Parker. Phone 657-32. 12-1-p

FOR RENT—3 pleasant, furnished rooms, light, heat, gas furnished. \$25 per month. Phone 52. 12-1-c

A COMPLETE real estate service. Bargains in homes, farms and vacant lots. Farmington and Redford sections. V. Cornwell, 23342 Grand River, Farmington. Phones Farmington 140 and Redford 379-1. 7-1-c

CARD OF THANKS—The family of the late Charlotte Walters appreciates the sympathy of her many friends in their recent sorrow. 12-1-c

Will exchange 2 room house, partly furnished, with electricity included, to couple for light chores. No children: 32415 Seven Mile Road, W. 12-1-p

FOR SALE—A & B table top gas range. Walnut dining table and buffet. Cheap. 32040 Valley View. Phone 306-M. 12-1-c

PELTON and McGEE, Attorneys, Peoples Bank Bldg., Pontiac, Michigan.
NOTICE OF MORTGAGE SALE—Default having been made (and such default having continued for more than sixty days) in the conditions of a certain mortgage made by James D. Clark and Rosa Clark, his wife, of the City of Birmingham, Oakland County, Michigan, to the United States Loan Corporation, a Corporation organized under the laws of the United States of America, dated May 15th, 1934, and recorded in the office of the Register of Deeds for Oakland County, Michigan, on June 21st, 1934, in Liber 120 at Mortgages, on Page 112, and said mortgage having been due under the terms of said mortgage to declare the entire principal and accrued interest thereon due, which election, if there is claimed to be due and unpaid on said mortgage at the date of this notice for principal and interest the sum of Two Thousand Eight Hundred Forty-two and 10/100 Dollars (\$2,842.00), and no suit or proceeding at law or in equity having been instituted to recover the debt secured by said mortgage or any part thereof.

NOW, THEREFORE, by virtue of the power of sale contained in said mortgage and pursuant to the Statutes of the State of Michigan in such case made and provided, NOTICE IS HEREBY GIVEN that on Monday, April 10th, 1939 at ten o'clock in the forenoon, Eastern Standard Time at the Eastern entrance to the Court House in the City of Pontiac, County of Oakland, Michigan (that being the place of holding Circuit Court in said County) said mortgage will be foreclosed by a sale at public auction to the highest bidder of the premises described in said mortgage, or so much thereof as may be necessary to pay the amount at or before said, and any sum or sums which may be paid by the underwriter at or before said sale for taxes and/or insurance on said premises, and all other sums payable by the underwriter with interest thereon pursuant to law and to the terms of said mortgage, and all legal costs, charges and expenses, including an attorney's fees, which premises are described as follows:

That certain piece or parcel of land situated in the City of Birmingham, County of Oakland, Michigan, more particularly described as: Lot No. Seventeen (17) of Lincoln Place Subdivision of part of the Southwest Quarter (¼) of Southwest Quarter (¼) of Northeast Quarter (¼) of Section 38, Town 2 North, Range 10 East, according to the plat thereon recorded in Liber 17 of Maps, on page 4, Oakland County Register of Deeds' Office.

DATED, January 11th, 1939.
HOME OWNERS' LOAN CORPORATION, Mortgagee.
Pelton & McGee, Attorneys for Mortgagee.
Business Address: Peoples State Bank Bldg., Pontiac, Michigan.

—Jan 13-Apr.