We wish to thank our many patrons and friends for our most cordial business relations during the past year, and wish them health and prosperity during the coming year.

JOHN BARTLEY.

White House Evaporated MILK tall can 9c

A&P

Diamond Crystal Shaker SALT 3 pkgs. 25c

Iona PEACHES 3 large cans 50c

CORN A&P Crushed or Golden Bantam can 15c

Quaker Maid Oven Baked BEANS 3 cans 25c

Delicious APPLE SAUCE 2 cans 25c

Iona COCOA 2 lb. can 19c

Rich Creamy CHEESE lb. 32c

Sunnyfield Pancake or Buckwheat FLOUR 3 pkgs. 25c

Iona Sauer-kraut 2 cans 25c

Red Ripe TOMATOES 3 No. cans 25c

Waldorf Toilet PAPER 3 rolls 17c

Macaroni Spaghetti & Noodles 3 pkgs. 20c

Mello Wheat pkg. 15c

Evaporated Fruits
Peaches lb. 17c
Apricots lb. 27c

Our own importation from Santos, Brazil, fine flavored!
8 O'clock COFFEE pound 35c

New Pack Iona Corn can 10c

Quaker Maid CATSUP 2 8 oz. bots. 25c

Special Meat Prices for Friday & Saturday
On Sale at all Stores.

Small Lean Regular SMOKED HAMS whole or half. lb. 25c

These Items at Meat Markets Only.
QUALITY BEEF

Chuck Roast ..... lb. 25c
Lean Soup Meat ..... lb. 18c
Fresh Ground Beef ..... lb. 28c
Lean 3-Corner Coast ..... lb. 29c

Loin or Rib Pork CHOPS lb. 27c

Meaty End Pork CHOPS lb. 21c

Sugar-Cured Boneless Breakfast BACON lb. 23c

Fresh Spare Ribs ..... lb. 20c
R&P Adam's Country Sausage ..... lb. 15c
Pure Pork Sausage ..... lb. 35c
Very Good Smoked Sausage ..... lb. 23c

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DR. JULIAN T. POWER
OPTOMETRIST
Chestertown, Maryland

WIDESPREAD USE OF CABLE FORESEEN BY BELL IN 1878

Present-day Telephone Development Made Possible by Wide Use of Cable, Some of Which Contains 3636 Wires

(Underwood & Underwood)

Little Ruth Ann's Christmas tree shown in this picture is made from a section of underground telephone cable. Cable such as this will serve on an average, more than 2,000 telephones.

As a prophet, Alexander Graham Bell, the inventor of the telephone, was in a class by himself. And one of his prophecies not only came true, but he lived to see it developed to an extraordinary degree. In 1878, just two years after he had spoken the first words over the telephone he wrote a letter to a group of British capitalists setting forth the advantages of the telephone as a means of person-to-person communication.

Evidently the proposition outlined in Dr. Bell's letter did not appeal to the Britishers, who, it seemed could not vision the possibility of the telephone as being necessary in their scheme of things. But in the United States people were quick to recognize the usefulness of this new communication service and proceeded to put it to a practicable use and it is in this country that the telephone has attained its highest degree of perfection. Today there are about 19,000,000 telephone stations in operation in the United States from which more than 75,000,000 calls result daily, officials of the company say.

Dr. Bell, in his prophetic letter which predicted the use of telephone cable overhead and underground, said in part:

"The telephone may be briefly described as an electric contrivance for reproducing in distant places the tones and articulations of a speaker's voice, so that a conversation can be carried on by word of mouth between persons in different rooms, in different streets, or in different towns.

"The great advantage it possesses over every other form of electrical apparatus consists in the fact that it requires no skill to operate the instrument. All other telegraphic machines produce signals which require to be translated by experts, and such instruments are therefore extremely limited in their application, but the telephone actually speaks, and for this reason it can be utilized for nearly every purpose for which speech is employed. . . .

"At the present time we have a perfect network of gas pipes throughout our large cities. We have main pipes laid under the streets communicating by side pipes with the various dwellings, enabling the members to draw their supplies of gas and water from a common source.

"In a similar manner, it is conceivable that cables of telephone wires could be laid underground, or suspended overhead, communicating by branch wires with private dwellings, country houses, shops, manufactories, etc., etc., uniting them through the main cable with a central office where the wires could be connected as desired, establishing direct communication between any two places in the city. Such a plan as this, though impracticable at the present moment, will, I firmly believe be the outcome of the introduction of the telephone to the public. Not only so, but I believe, in the future, wires will unite the head offices of telephone companies in different cities and a man in one part of the country may communicate by word of mouth with another in a distant place."

Nothing has done more to bring about present-day telephone development than the use of cable. Using this type of plant telephone companies are able to serve large numbers of telephones by wires enclosed in a small space, the cables being strung either on poles overhead or in conduit systems under the ground. Such cables not only serve cities and towns, but connect far distant communities, north, south, east and west, all over the country. Telephone cable has been used since 1879. The first cable was installed by a telephone company in San Francisco. The first cable used was home-made and consisted of insulated wires drawn into a lead pipe. But in 1888 a cable was manufactured which contained 100 wires covered by a continuous lead sheathing very similar to the cable of today, except that modern day cables contain thousands of wires. The largest cables manufactured and used by the Bell Telephone System companies now contain 3636 wires, each wire being separate and distinct from the other and all enclosed in a continuous lead sheathing which protects the wires from the elements and assures continuous and practically uninterrupted telephone service.

THUMPING HEARTBEATS MADE AUDIBLE TO LARGE ASSEMBLY

Scientist Demonstrates Electrical Stethoscope and Other Achievements of Telephone Laboratories to Distinguished Group

S. P. Grace demonstrating new wonders of communication.

Heartbeats thumping like an overworked engine climbing a steep grade was one of the interesting demonstrations given the Baltimore Association of Commerce recently by Sergius P. Grace. Mr. Grace, who is Assistant Vice-President of the Bell Telephone Laboratories, using an Orthophonic Victrola and Bell Public Address system apparatus—both developed by the telephone laboratories — made the heartbeats of persons audible to each of the 600 people in the audience. This was made possible by using a sensitive electrical stethoscope developed in the telephone laboratories in co-operation with Dr. Richard Cabot of the Harvard Medical School.

The electrical stethoscope which has proved of great benefit to physicians everywhere was first presented before the American Medical Association which was said to be enthusiastic about its performance.

Mr. Grace also demonstrated "delayed speech" which is necessary to the operation of transatlantic telephone service and for long land telephone lines.

Exhibitions of the artificial larynx, a product of the telephone laboratories, which enables people who have lost their vocal organs through surgical operations to talk again, were also demonstrated. The latest type of artificial larynx developed by the telephone scientists has a range of an octave. This permits a variation in the pitch of the speech tones and avoids the tone monotony of the earlier designs.

Audiphone apparatus, another development of the telephone laboratories for those whose hearing is impaired; permalloy, the wonder metal that has revolutionized the operation of deep-sea transatlantic telegraph cable so that from five to eight times as many words may be transmitted in a given time as formerly; and "perminvar," a new magnetic metal used in loading telephone cable circuits were also among the interesting subjects covered in Mr. Grace's address.

WORTON

Mr. and Mrs. Harold Crew and daughter, Thelma, have returned to their home in North East after spending part of the holidays with her parents, Mr. and Mrs. Carroll Loller.

Miss Julia Williams, of Western Maryland, spent the holiday with her parents here.

Mr. and Mrs. Henry Rasin entertained a number of friends at dinner Saturday night.

Mr. and Mrs. Harry J. Rouse and daughter, Ann, of Aberdeen, spent the week end with her parents, Mr. and Mrs. P. B. Rasin.

Mrs. Margaret Duyer is the guest of her son, Mr. John Duyer and family.

Mr. and Mrs. Harry Williams entertained at a family dinner Friday evening.

Mrs. Joseph Duyer attended the funeral of her cousin, Mrs. Maud Towers, of Baltimore, this week.

WATCH THIS SPACE

Because of Inventory taking, we are able at this season to offer drastic cuts on goods now in stock. After inventory new goods will be displayed which will make for a BIGGER and BETTER year for the patrons of the WOMAN'S SHOP

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FOR THE LADIES
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Military Brushes. Cigars, Cigarettes, Tobacco, Kay Woodie Pipes, Cigarette Cases. Wallets, Purses.

FOR EVERY ONE
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