BIRMINGHAM ECCENTRIC.

Devoted to Our Own Locality—We Labor for Its Interests

THIRTY-NINTH YEAR. NO 34 — BIRMINGHAM, OAKLAND COUNTY, MICHIGAN, FRIDAY, DECEMBER 22 1916. — WHOLE NUMBER, 1928

TESTING MACHINE

Instrument at Dodge Brothers Plant Has Lifting Power of 100,000 Pounds.

Recent Panama Canal pictures show an 80,000-pound rock being hoisted on a flat car by a gigantic derrick, establishing a record for lifting dead weight. At the plant of Dodge Brothers, Detroit, is a testing machine that excels this derrick. It is known as the Universal testing machine, and is one of the most important of the many vital instruments of a like nature in the Dodge Brothers physical laboratories. It has the direct capacity of 100,000 pounds. Through lever arms it is capable of exerting an almost inestimable power. To make it a trifle more graphic, it may be stated that 100,000,000 lbs. come within the range of "inestimable."

A simple comparison with an ordinary crow-bar may give the imagination a better grasp on weights and figures of such tremendous proportions. With the aid of a crow-bar, objects can be raised which would not yield an inch to a direct application of a man's strength. Similarly the huge testing machine, with a direct force of 50 tons, would be able to actually push a concrete pillar in a factory building straight through the roof, provided a suitable fulcrum and lever arrangement could be made.

The machine is used for tension, compression, shear, transmission, and sometimes torsion tests, the last three named requiring special fixtures. It will press a steel pin through a gear in a twinkling; it will tie knots in shafts or axles; it will tear a starter chain into two pieces, determining the weakest point and recording at the time the exact amount of force applied. There are dozens of other equally remarkable things. Among the parts regularly tested by this method, besides the starter chain, are wheels, bolts, front axles, front axle spindles, and ball bearings. Despite the great power required of the machine, it is also called upon for numerous extremely delicate operations. For instance, while a pairing force is being applied to an object, a needle records the progress of the test on a chart so that a complete records the progress of the test on a chart so that a complete record of the operation is available. The operator cannot make a mistake with the scales; for a bell rings the moment the beam is not properly balanced.

Bank Official Recommends Them.

T. J. Norrell, Vice-President of the Bank of Cottonwood, Texas, writes: "I have received relief and recommend Foley Kidney Pills to anyone who has kidney trouble." Kidney trouble manifests itself in many ways—in worry, by aches, pains, soreness, stiffness, and rheumatism. Sold everywhere.—Adv.

NOTICE.

All that property in the Village of Birmingham situated east of the Grand Trunk Railway and north of Maple Avenue and also the property along both sides of Oakland Avenue from the Grand Trunk Railway, west to Woodward Avenue is liable to a tax for the opening of Knox Street. Property owners please take notice that this tax must be paid at the Village Treasurer's office within the next 60 days.

THOMAS E. HARRIS, Clerk.

Coughed 15 Years.

Coughs that hang on and grow worse in the night are relieved by Foley's Honey and Tar. R. F. Hall, Mabie, Virginia, writes: "For 15 years I was afflicted with a troublesome cough and irritation of the throat. Foley's Honey and Tar relieved me; and after taking one bottle the cough ceased. Sold everywhere.—Adv.

A REPLY.

Dear Editor:

May I use the columns of your paper to make reply to "A Criticism" which appeared last week with reference to the offering sent by the churches to the Armenian and Syrian Relief Fund. The reply is not to create controversy, but simply for the information of those who contributed and those who may be interested.

The amount of the offering taken at the Tabernacle on Thanksgiving morning was $108.54. Because some of the service were unprepared, it was announced that the Fund would be kept open for a few days for further contributions. The result was that about a week ago, I, as treasurer of this fund, sent to the relief Fund in New York City, $184.52.

Yours,
W. C. McKNIGHT.

NOTICE TO TAXPAYERS.

For the purpose of collecting taxes, the undersigned will be at the First State Savings Bank on Friday, December 15, 22, and 29, 1916, and January 5, 1917; at the County Treasurer's office, in Pontiac, on Saturday, December 16, 23, and 30, 1916, and January 6, 1917; at Schlaack & Bell's Market, Tuesday, December 19 and 26, 1916, and January 2 and 9, 1917.

WM. G. OLSEN, Town Treasurer.

Garrick Theatre.

"Just a Woman."

The extraordinary vitality characteristic of Eugene Walter's plays, such as "The Easiest Way" and "Paid in Full" is to be noted as its fullest in his latest work, "Just a Woman." This is the unanimous verdict of the New York critics, who have not hesitated to rank it far ahead of even its famous predecessors. In view of this, there is exceptional interest in the presentation of the play at the Garrick Theatre, Detroit, next week. The presentation is under the management of the Messrs. Shubert, who will send it here with the cast and scenic equipment complete as seen in the second season of the play in New York.

"Just a Woman" is vital because it deals with a live situation in this land of great money-making opportunity—the temptations incident to sudden wealth and the power of a brave and steadfast woman's love to regenerate even the most abject victim of such temptations.

ST. JAMES' CHURCH NOTES.

REV. F. F. KRAFT, RECTOR.

Services for the fourth Sunday in Advent:

Holy Communion at 7 a. m.

Morning service at 10:30.

Bible School at 12, noon; also Bible Class for adults.

Christmas Eve service at 7:30.

Service for Christmas Day will be at eight o'clock in the morning and be that of Holy Communion and sermon and special Christmas music.

The Christmas Eve service should be of interest to many; it is at a convenient hour; there will be some very unusual music and the special preacher will be Archdeacon Simpson, of Southern Michigan.

The Rector is anxious that all the Bible School should attend the evening service as Mr. Simpson is very fond of children and is a great Sunday School worker.

All parishioners should aim to make their Christmas Communion and the services have been arranged conveniently, it is hoped.

On Sunday, the new sterling silver communion set will be blessed and used for the first time. It is a gift to the Parish by a Parishioner as a Thank-offering.

The public, always welcome at St. James' is cordially urged to attend all of the services.

The entertainment by the members of the Bible School for the benefit of the Red Cross Society, will be given on Saturday, the 30th, at 3 p. m., in the Temple Theatre. Tickets, 25c. Pictures, recitations, music, singing by the audience, and a generally good program is assured.

Cut This Out—It's Worth Money.

Don't miss this. Cut out this slip, inclose with 5c to Foley & Co., Chicago, Illinois, writing your name and address clearly. You will receive in return a trial package containing Foley's Honey and Tar Compound for bronchial coughs, colds and croup; Foley Kidney Pills and Foley Cathartic Tablets. Specially comforting to stout persons. Sold everywhere.—Adv.

COST STILL CLIMBING.

Country newspaper publishers are again reminded of the print paper situation by notice of another raise in price effective December 1; and which brings the price to more than double what we were paying a year ago. The price of everything else that goes into newspaper making has also been soaring.

This means that we cannot afford to carry a delinquent list. If the label on papers indicates that your subscription has expired, kindly consider this as a gentle reminder that we value as a subscriber and hope for your renewal.

Stopped Children's Croup Cough.

"Three weeks ago two of my children began choking and coughing, and I saw they were having an attack of croup," writes Billie Mayberry, Eckert, Georgia. "I got a bottle of Foley's Honey and Tar and gave them a dose before bedtime. Next morning their cough and all sign of croup were gone." Sold everywhere.—Adv.

THE FIRST PRESBYTERIAN CHURCH.

REV. WILLIAM C. MCKNIGHT, PASTOR.

Last Sunday was a tester, and the Tabernacle on Pierce Street—the Presbyterian Tabernacle—stood the test. Everybody was warm and comfortable, notwithstanding the snow and cold.

Next Sunday, Christmas Sunday, services will be held as usual, both morning and evening.

In the morning, at 10:30, the Pastor will speak on the subject: "Unto You is Born a Savior—Christ, the Lord."

In the evening at 7:30, the subject will be "The Other Wise Man."

Sunday School and Adult Bible Class at 12 m.

A cordial welcome for all who come to the services here. A hearty invitation to strangers and all unattached elsewhere.

The church of the friendly handshake.

BOOZE FIGHTERS

The D. U. R. Will Stop the Practice of Oakland County Booze Fighters Making Travel Disagreeable.

Ever since Michigan voted to go dry, May 1, 1918, there has been an increase in the number of riders on the Pontiac division with the idea that it is their duty, as free and independent citizens, to get the booze while the getting is good.

Many have taken on board much heavier cargoes than they can carry and at the same time maintain their equilibrium. This has resulted in jags becoming noisy as well as numerous. The conduct of bunches of these fellows has been anything but proper, and numerous complaints have reached us from the larger and perfectly decent percentage of our patrons.

The following instructions have been sent out this week to the conductors and motormen of this division:

Bitter complaint is made of drunken persons on Pontiac Division cars, especially on Saturday nights.

The conductors are hereby instructed to refuse to permit an intoxicated person, so drunk as to be offensive or unable to care for himself, upon the cars.

Should any person on the car become noisy or troublesome, as a result of drink, put such person off the car, but be sure it is done at a safe and in a gentle manner. The motorman will help the conductor carry out these orders.

A written report, with names of witnesses, should be made of each instance where a passenger has been refused a ride or where such person has been ejected from the car.

We ask the co-operation of the respectable riders to break up the rough stuff. You can materially help by calling the attention of the motormen and conductors to such offensive cases as come to your notice. It is your duty to give your name as a witness. There is absolutely no reason why the smoking compartment should not be as quiet and orderly as the rest of the car, and we intend to make it so if it takes an army of officers or forces us to abandon the service. We are going to make riding on the last car just as peaceful and quiet as it is at noon time.

We serve this notice on the booze fighters—if they want to disturb the peace they would better do it places where they buy the stuff. It doesn't go on the Pontiac division cars.

Stop that Cough.

A hacking cough weakens the whole system, drains your energy and gets worse if neglected; your throat is raw, your chest aches, and you feel sore all over. Relieve that cold at once with Dr. King's New Discovery. The soothing pine balsams heal the irritated membranes, and the antiseptic and laxative qualities kill the germs and break up your cold. Don't let a cold linger. Get Dr. King's New Discovery today at your druggist's; 50c.—Adv.

BAPTIST CHURCH NOTES.

REV. P. M. MACKAY, PASTOR.

Sunday, December 24:

In the morning, Rev. Elwin Simpson will speak.

The Sunday School at 11:45; men's class at noon.

7:30, the Pastor will speak to the B. Y. P. U.

Blessed is the man who is faithful on a committee.

This is the homelike church; try it.

Sloan's Liniment Eases Pain.

Sloan's Liniment is first thought of mothers for bumps, bruises and sprains that are continually happening to children. It quickly penetrates and soothes without rubbing. Cleaner and more effective than mussy plasters or ointment. For rheumatic aches, neuralgia pain, and that grippy soreness after colds, Sloan's Liniment gives prompt relief. Have a bottle handy for bruises, straining, sprains and external pain. For the thousands whose work calls them outdoors, the pains and aches following exposure are relieved by Sloan's Liniment. At all druggists', 25c.—Adv.

NOTICE.

All those who have not paid for the sidewalk built in front of their property during the year 1916, please take notice that all sidewalk tax remaining unpaid after January 19, 1917, will be assessed on the special assessment roll together with interest thereon and proceedings taken to collect according to law.

THOMAS E. HARRIS, Clerk.

Constipation Causes Bad Skin.

A dull and pimply skin is due to a sluggish bowel movement. Correct this condition and clear your complexion with Dr. King's New Life Pills. This mild laxative, taken at bedtime, will assure you a full, free, non-griping movement in the morning. Drive out the dull, listless feeling resulting from overpoisoned intestines and sluggish liver. Get a bottle today. At all druggists'; 25c.—Adv.

TO THE PUBLIC.

Should the sidewalk in front of your property not be clear of snow, notify David Plemon, Teaming Contractor, who has charge of this work. Phone 329.

CLASS PARTY.

The blasts of Boreas and a plentiful downfall of the beautiful had no terrors for a merry bunch of young people on last Saturday evening, when Miss Ruth Spencer, teacher, and her class in the Grammar school, were the guests of their classmate, W. Stuart Johnson, at the home of his parents, Mr. and Mrs. Walter Johnson, at their pretty country home of Rossmore, in Southfield.

The evening was spent in the various amusements so dear to the young folks and a bountiful repast was thoroughly enjoyed, and we will warrant the occasion as one long to be remembered by every one of the merry crowd whose names are herewith appended: Ruth Spencer, teacher; Adele Beyer, Ward Bailey, Warren Hanna, Orlow Schlaack, Margaret Bailey, Leroy Weir, Lloyd Smith, Wesley Groves, Earl Groves, Clyde Peabody, Donald Blazer, Erwin Campbell, Margaret Green, Helen Daniels, Hattie Swackhamer, Edmund Bunyan, Catherine Floyd, Arthur Hartwell, Ralph Kreger, Edward Whing, Helen Williams, Merritt Schlaack, Merritt, Rose MacGregor, Albert Schulz, Helen Harris, Avery Reynolds, Tom Slater, Ferne Abbey, Verne Wilcox, Lucille Campbell, Catherine Pearsall, Josephine Shattuck, Elsie Doying, Park Smith, Irene Meiow, Leona Campbell, Jessie Williams, Stuart Johnson.

Pretty Warm Sun.

If we could build up a solid column of ice from the earth to the sun, two miles and a half in diameter, spanning the intervening distance of 93,000,000 miles, and if the sun should concentrate his entire power upon it, it would dissolve in a single second, according to the calculations made by Professor Young.

The great German physicist, Helmholtz, was the first to explain satisfactorily what keeps the sun hot. The sun is not burning; it is heated to the glowing point, like a piece of white-hot iron. Helmholtz found that if we suppose the sun to be contracting by only 250 feet a year we would receive our present amount of heat. In other words, heat is being literally squeezed out of the sun. Professor Newcomb estimated that when the squeezing process has continued for about 7,000,000 years the sun will be one-half its present size.—Popular Science Monthly.

Man's Little Failing.

As a general thing, taken by large, men are honest except with themselves. A man will cheat himself on his score at golf, when he knows that failing to set down the full number of strokes does not make him a better golfer. If he is a fat man and is dieting to reduce, he will shove the weight back a pound or two on his scales, when he knows in his heart he is heavier than that. Then he will tell his friends about "going around yesterday in 92," and "taking off a pound and a half in three days" by his diet. With these two exceptions almost every man is honest. Therefore, all you need to do is to discount what he says about golf or reducing.—Judge.

Voice of the Talking Machine.

To eliminate the shrillness and deaden the metallic sounds of the talking machine a German inventor has just patented a principle of tone-protection that employs a lining of cocus fiber for the cabinet, by which that is hermetically sealed, washers and other accessories of the same material for the phalanges of the tone-arm and all other points of metal contact and a fiber base for the record. He asserts that by this principal the surviving musical tone is immeasurably enhanced in quality.

Mystery!

How is that a manacled convict can escape unhurt by leaping from a train running at the rate of 50 miles an hour, when every time the average citizen slips in alighting from a car he injures himself so severely that the railway company must pay him big damages?

Using Butter.

Butter is the most easily digested of all the animal fats, partly because of the peculiar acids it shares with cocoanut. In many cases of anemia and nerve-starvation an increased amount of butter in the diet will have very beneficial results, and yet butter is the stumbling block in the way of economy in many households. It is far better to buy less expensive meats than to limit the amount of butter on the children's bread. However, the necessary amount of butter is to be used in cooking is too often overestimated. As a frying medium it is unsuitable, for when subjected to a high temperature it decomposes and imparts a strong, acid flavor. For this reason it should never be used for sauting fish. Either cooking oil, lard or beef fat should be used instead. Because of its cost, butter has to place in pastry making. Equally good cake, cookies, and sauces may be made with other cooking fats.

And More Expensive.

Breaking the bank at Monte Carlo is about as improbable as breaking a bad cold, but the effort is more fascinating.—Louisville Courier-Journal.

Phone 38 — Phone 65

Have you given us your order for a piece of the big cheese for your

Christmas Dinner

Orders are coming in rapidly. Don't forget to order yours early.

For Your Christmas Cakes and Puddings

We have Fancy Raisins, Currants, Citron, Orange and Lemon Peel, glazed Pineapple and Cherries. English Walnuts, Almond, Black Walnut, Pecan or Hickory Nut Meats. Also Bunte's line of finest Xmas Candies.

Best quality late Home Cranberries; Fancy Malaga Grapes (perfect beauties). Best Table Raisins, New Walnuts, Almonds, Brazil, Filbert and Mixed Nuts.

Fancy Figs and Dates for table or cooking; Green or Ripe Olives both plain and stuffed; New California Naval Oranges, Grape Fruit, Rich and Juicy Bananas and Fresh Vegetables.

Give us your Christmas order early and we will give you better service and assure you of the best quality.

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FOR THE MEN—
Pipes from 25c to $7.00.
Tobacco in those nice 1-lb jars.
Cigars [well-known brands] in boxes of 25.

FOR THE LADIES—
Manicure Sets, $2.50 to $7.00.
Perfumes and Toilet Waters—all kinds, all sizes.
Grafanolas, $25.00 to $300.00.

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