

ENGINEER'S REPORT  
ON E. L. & W. W. PLANT

A. H. Lovell after making a thorough study of the conditions of the power plant here has issued the following as his report. In the study of the water supply Prof. W. C. Hoad, who is an expert in this field, also aided. The article which follows is the official report as made to the Village Council.

## Extension of the Existing D. C. Plant.

The present Power Plant of the Commission, as shown on Drawing "A", contains two generators, one having a nominal rating of 100 K. W. and the other of 90 K. W., a total generator capacity of 180 K. W. The driving engine, is, however, fully loaded at a total station output of 550 amperes, or the peak capacity of the plant is 126.5 K. W. with no reserve for any engine power is concerned.

Reference to the daily load duration curve for Saturday, May 27th, 1922, as plotted on page 18 from the hourly switchboard readings shown in Appendix A, shows a peak load at 9 P. M. of 110 K. W. Quite evidently, then, the present engine capacity of the plant is barely adequate to the needs, and should one generator become disabled, it would be impossible to carry even the present peak load.

In carrying the steady growth of the lighting load (as shown on page 19) together with industrial and fire pump motor load it is evident that the village must at once make provision for additional generating capacity. Also it is important to note that one of the 190 H. P. Sterling Boilers, the Alfa engine and the 100 K. W. G. E. generator are now nearly twenty-five years old and must be replaced by new apparatus. That these units have operated so well over such a long period of years is a significant commentary on the painstaking and skillful supervision they have received. I believe that a new 200 K. W. unit will be ample in capacity for your requirements and will still give fairly good operating economy on the light load.

In the present study I have had in mind two essential characteristics of a proper power provision for the Commission. First, dependability of service; second, and secondary only to dependability of service, economy of production. Dependability of service for the lighting and fire pumps is absolutely imperative. The whole investment in the water supply and fire protection system is nullified and the protected life and property jeopardized if the power supply is not dependable.

With this in mind an extension of the present boiler room to include the new 250 H. P. boiler does not seem advisable due to the limited space between the east wall of fire room and the coal storage shed. Also the wooden roof of the boiler house introduces an element of fire hazard which is incompatible with the need for absolute dependability of service. The new equipment should be housed in as nearly fire-proof buildings as possible and to this end the Commission should consider at a very early date removing the wooden roofs and floor of the present station and replacing them with modern fire proof construction. It is proposed to install the new 200 K. W. turbo-generator unit in the present engine room, as shown on Drawing "A", and to hold the present power equipment as reserve apparatus to replace the new unit in case of breakdown.

In a generating plant for such functions as street lighting and fire service, congestion and inaccessibility of apparatus are a decided menace to continuity of service for two reasons, first: it is difficult to forestall breakdown by adequate inspection; secondly: it is extremely difficult to minimize the time of breakdown and to accelerate the return of apparatus to active service.

## Proposed Plant Layout.

It is proposed to construct a new boiler room approximately 19x24 ft. in the space east of the pump room and north of the fire room, and to install there one 250 H. P. boiler to carry a new 200 K. W. turbo-generator unit and the present steam pumps. The present feed water heater and a new boiler pump would be used to supply the new boiler. The 200 K. W. 230 volt, D. C. generator would deliver power to a new switchboard panel, added to the present board, and would be arranged to operate in parallel with the present generators. On account of the limitations of water supply and lack of space for cooling tower the driving turbine of the new unit would run non-condensing and exhaust into the present feed water heater with a relief connection to the atmosphere.

## Yearly Load.

The present annual load is estimated to be as follows:  
Commercial lighting:  
sold during year, March 1921—March 1922—181,198 K.W.H.

sold during year, March

1921—March 1922—27,244 K.W.H.

Porch lights:

450 of 40 watts each,

half on 8 hrs. per night

x 365 26,280 K.W.H.

Water pump motors:

30 amps. for 20 hrs. per

day x 365 50,390 K.W.H.

Street lighting:

Boulevard—40 of 50

watts each, 12 hrs. per

night x 365 10,512 K.W.H.

100 of 40 watts each,

Sat. 6-12 x 52 1,977 K.W.H.

Residence—40 of 200

watts each, 6-12 x

365 17,520 K.W.H.

Alley—18 of 60 watts

each, 12 hrs. x 365 4,730 K.W.H.

Total Load—269,831 K.W.H.

Say 300,000 K. W. H.

It is to be noted that should some

factory load be added to the above,

giving such an average daily load as

that for May 28, 1922, on page 18,

the daily energy output would be 1449

K. W. H. and for the year would be

528,885 K. W. H. Such an in-

crease in load would give a materially

lower steam consumption on the tur-

bine and result in a much better over-

all economy in the production of

energy.

## Estimated Construction Costs:

New D. C. Plant.

200 K. W. turbo-generator, f.

o. b. factory \$7,800

freight, handling and erection 205

200 K. W. 230 volt D. C. gen-

erator panel and bus con-

nections 355

Turbo-generator foundation 200

6 ft. x 14 ft. x 6 ft. concrete

@ \$10 cu. yd. 300

250 H. P. boiler for 200 lbs.

pressure, f.o.b. Chelsea 3,555

Boiler setting—15310 common

brick @ \$40 M. 612

3411 re brick @ \$30 M. 272

Guyed steel stack 48 in. dia.

x 80 in. 506

Brick stack stub, erection of

stack, painting, etc. 400

Erection of boiler 300

Steam and water piping, valves

and fittings.

75 ft. 5 in. steam main for

200 lbs. 50

50 ft. 12 in. exhaust

50 ft. 2 in. water main

4 valves for 5 in. 200 lb.

steam main 1,500

Burnham feed pump, 7 in. x 4 1/2

in. x 10 in. installed 225

## Building.

Boiler house, concrete founda-

tions and floor, 27.5 cu. yds.

@ \$10 275

Excavation for turbine base,

3 ft. x 14 ft. x 6 ft. @ 75c yd. 90

Excavation for boiler house, 6

ft. x 20 ft. x 25 ft. @ 75c yd. 25

Make opening in N. wall of fire

room, 8 ft. wide x 15 ft. high

Common brick in place, 72,254

@ \$40 M. 2,890

Steel I beams, 2428 lbs. @ \$100

ton 121

2 in. sheeting for roof, 1200 ft.

B. M. @ \$40 M. 48

5 squares Barrett 5 ply com-

position roofing @ \$18 90

Ventilator over boiler 100

Doors and windows 100

Waterproofing, flashing 50

\$19,729

Engineering Design and su-

pervision 5 % 986

Contractor Profit 10 % 1,973

Contingencies 10 % 1,973

Total cost \$24,661

## Estimated Production Costs, Operat-

ing New D. C. Plant.

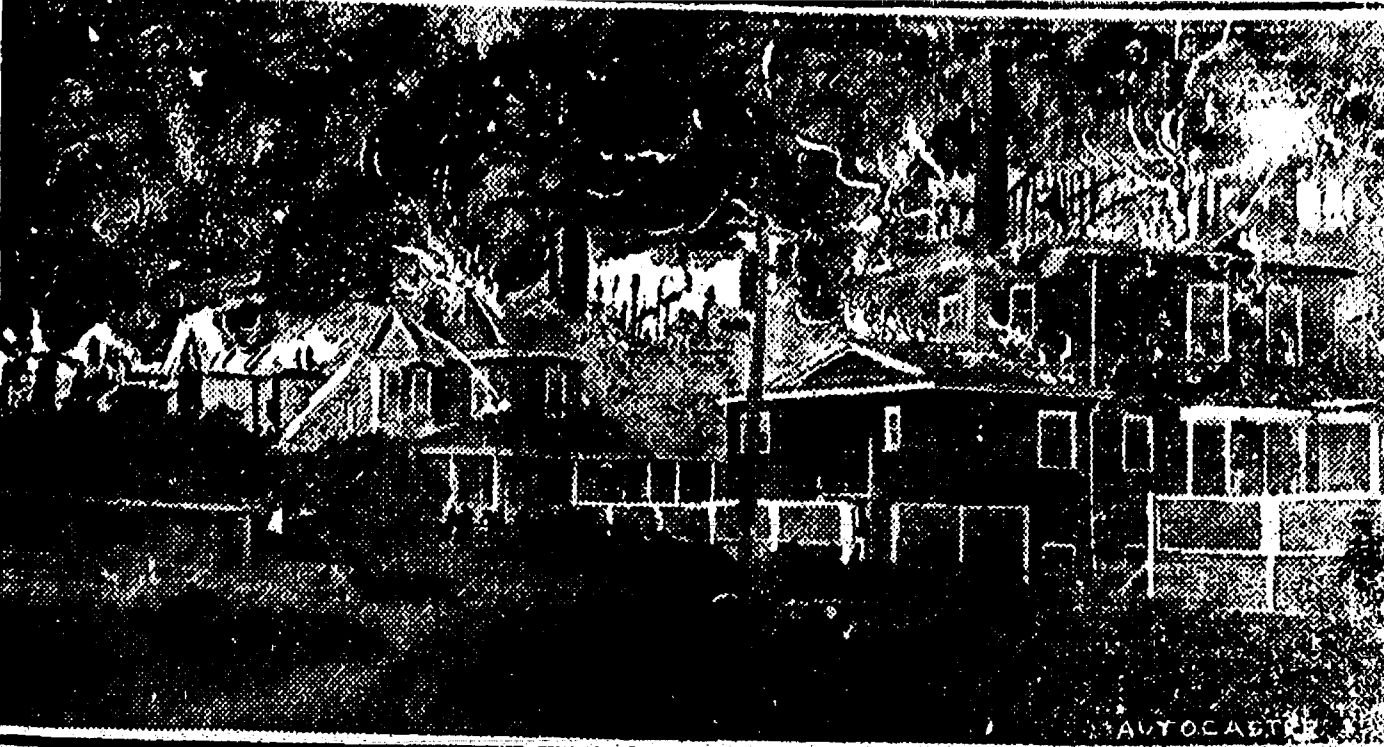
300,000 K.W.H. @ 55 lbs.

steam K.W.H.—16,500,000 steam yr.

plus 25% for feed and

water pumps — 4,125,000 steam yr.

## Half a Square Mile of Homes Burn Down



Arverne-by-the-Sea, one of Long Island's most most thickly populated summer resorts, is practically destroyed as a result of a fire that started in the big Hotel Nautilus. Thousands of people are homeless, great amusement parks are swept out of existence, the Long Island Railroad station is no more, firemen from New York, Brooklyn and all adjoining villages failing to check the flames until a wholesale dynamiting of houses was resorted to. Picture shows an entire street of cottages on fire at one time.

## BREAKS ANKLE

While playing ball Sunday after-

noon H. I. Glazier suffered a broken

ankle. Several young people were

playing catch on the lawn in front of

the Whitaker home west of town and

in trying to catch the ball Mr. Glazier

stepped off the edge of a steep en-

bankment. Then in trying to catch

himself he stepped into a hole which

caused him to fall.

An x-ray taken yesterday afternoon

in Ann Arbor revealed a double frac-

ture in the ankle. The injury will

cause Mr. Glazier to be confined for

several weeks. He is staying at his

cottage at Cavanaugh Lake with his

mother now.

## SIGNS OF THE FOURTH

ARE HERE

—Evidence of the 4th of July are

growing stronger each hour. Although

the sale of fireworks is restricted in

Chelsea the boys acquire the noise

makers in other cities. Some people

are always ahead of the time and so

it is here. Fire crackers and tor-

pedoes are much in evidence at eld's

the noise of them. While calmly sit-

ting at the typewriter last evening a

torpedo exploded next to the door of

the Tribune office brought the editor

to his feet in a hurry. Whether his

first thoughts were of auto bandits or

just plain stickup men is hard to say,

but as the car swiftly vanished he

figured it all out. Boys will be boys,

and so we might just as well start

having the fun now as a little bit

later.

## GETTING READY FOR THE FAIR

Getting ready for the Fair, is a

rather new thing for Washtenaw Coun-

ty people.

In order to compete for the many

and various premiums it is necessary

to plan ahead of Fair Week.

Splendid premiums are offered for

collections of seeds, grains and grass-

es. Persons planning to exhibit seeds,

grains and grasses should secure lib-

eral specimens at once and save sam-

ples of all grasses and grain when at

their best. One of the best depart-

ments of the fair should be the indi-

vidual farm exhibit. Exhibitors may

show in the department anything

raised or made on the farm by the

farmer or his family, including fruits,

vegetables, grains, handwork or any-

thing outside of the animal king-

dom. Premiums of \$25.00, \$15.00 and

\$10.00 are offered in this department.

Early fruits should be saved while

still hard, wrapped separately and

brought to the fair office where they

will be placed in storage free until

fair time.

According to reports from Mrs. L.

R. Johnson of Salem township, Sup-

er of Farmers Clubs exhibits, three clubs

the Arbor Farmers Club, Saline Far-

mers Club and Salem Farmers club,

will have exhibits at the fair. There

is room for one more Farmers Club

exhibit and Mrs. Johnson whose ad-

dress is Rushton, will be glad to hear

from another society.

SALEM GERMAN M. E. CHURCH

Near Francisco

Rev. Carl Ertel, Pastor.

Sunday School 10:00 A. M.

Preaching 11:00 A. M.

Epworth League 7:30 P. M.

Evening service 8:00 P. M.

Bake sale at Cavanaugh Lake Store

Saturday afternoon, July 1, at 4 P. M.

NEW TIME CARD

ON MICHIGAN CENTRAL

A new time card on the Michigan

Central went into effect Sunday, June

26th, at 12:01 A. M. The changes that

affect Chelsea are: No. 12 east bound

(restored) 10:08 A. M., No. 46 east

bound at 9:14 instead of 10:55. West

bound No. 45 at 11:00 P. M. instead of

11:15.

## FIRE DEPARTMENT

## ON HAND ALMOST

## BEFORE THE FIRE

Roof blaze on J. N. Dancer's home

quickly extinguished.

Chelsea is blest with an almost su-

perhuman fire department. Monday

morning about 7:45 a fire was dis-

covered on the roof of the home of J.

N. Dancer. The fire was caused

from a defective chimney. Mr. Dancer

having started a fire in his furnace

in the morning to take the dampness

out of the house. Only a small am-

ount of damage was done.

The part that seems so strange is

that the fire department was at the

scene of the fire before even the whis-

tle had been blown. Someone ventur-

ed the idea that there was an instru-

ment at the station telling just when

and where the fires will be. Possibly,

but not this time. Some autoists

passing the Dancer home notified Mr.

Palmer of the fire and he started out

at once. Some people thought the

fire truck was only out for exercise.

The blaze was soon extinguished

with the use of chemicals. The loss

being comparatively small. This is

the second fire that has occurred in

the Dancer home.

## CARS COLLIDE SUNDAY

Two cars came together on the nar-

row bridge east of the Cement plant

Sunday morning about 10:00 o'clock.

land sedan was going east and ap-

proached the bridge when H. R.

Schoenhals coming from the west in a

Dodge came to the bridge. Both driv-

ers evidently thought that the other

would stop but instead they tried to

pass and the accident resulted.

The Dodge stayed on the road but

had the left front wheel broken and

the fender and running board smas-

hed. The sedan after colliding ran in-

to the ditch and through a barbed

wire fence and turned over. Both

front wheels were broken and the fenders

and running board bent. The

axel was badly bent also.

Mr. Lucht sustained several bruise-

s but no serious injuries. Mr.

Schoenhals was not hurt. Both men

were alone at the time of the accident.

Mr. and Mrs. Alva Watkins of Jack-

son were the guests of Mrs. J. L. Gil-

bert, Sunday.

I. L. VanGieson reports the sale of a

house and two lots on West Middle

street owned by Mrs. Bertha Schanz

to E. J. Claiborne, also house and lot on

South Main street, owned by Mrs.

Matt Jensen to Mrs. Bertha Schanz.

Mrs. H. E. Fletcher visited relatives

in Detroit and Flint the past few

days.

Mr. and Mrs. J. I. DeLong and son

left Sunday for Adrian where Mrs.

DeLong and son will spend the sum-

mer months. Mr. DeLong is attend-

ing summer school at Ypsilanti, and

in the fall they will move to Wayne,

where Mr. DeLong will teach school

the coming year.

Mr. and Mrs. R. D. Walker and

daughters were Tecumseh visitors

Sunday.

Mr. and Mrs. Haze Bonnet of De-

troit were weekend guests of her

father, Bert Youngs.

Miss Nellie Hall was the guest of

relatives in Toledo over the weekend.

Mr. and Mrs. Emanuel Feldkamp

and daughter, Miss Cora, visited at

the home of Conrad Botchner of Sa-

line, Sunday.

Mr. and Mrs. Thomas Anderson of

Detroit and their nephew, Kenneth



# THE CHELSEA TRIBUNE

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The Chelsea Tribune is mailed to any address in the United States at \$1.50 the year, 75 cents for six months and 40 cents for three months.

## HAVE YOU CHANGED?

You meet an old friend—possibly on a trip back to the old hometown—and find that he has "changed tremendously."

Time has gotten in its work. His face has changed strikingly, tho you still might be able to pick him out in a strange crowd.

But the change that impresses you most is in his manner, his temperament, his character, his philosophy.

Thus the town drunkard may have become pious. The man who in the old days was the life of the party now is quiet and reflective. The bright schoolboy has matured into a mediocrity. The dunce has evolved into success.

How do you explain all this?

Some philosopher has said that nothing is eternal except change.

In physiology, you were taught that the human skin changes entirely every seven years—that a new skin is formed in that period, as old cells die and are replaced by new ones.

There is an even more startling change in the real being, the inner self—character, temperament, spiritual nature and philosophy or intellect.

You go back to your former friends, pastimes and environments—and are disillusioned. The old time glamour is gone. You ponder, "Things that used to appeal to me bore me now."

If you follow up this line of reasoning, you come to the rather uncanny decision that you are an entirely different being from what you were years ago.

Fortunate for us, that we have this constant change. It is what enables good to overcome evil. It leads failure into success. It permits us to develop our strength to overcome obstacles.

The possibilities of the human being are unlimited. The inner self is as plastic as putty, forever changing.

But there is no such thing as standing still. Every instant, we are either progressing or deteriorating—physically, mentally and spiritually.

Human nature does change.

## YOUR BRAIN.

A brain wizard, Chesley M. Hutchings, sits in a room at Harvard university. For three hours 13 professors direct at him a rapid fire of questions in the form of an examination in "Romance languages and literature."

Hutchings answers every question—promptly, accurately.

It is such a phenomenal showing that the telegraph wires carry his victory to newspapers all over the country.

Hutchings, it is disclosed, is an expert in 15 languages. That is interesting news, for most of us have difficulty handling one language.

Without disparaging Hutchings' admirable feat, few people need not envy him, for the very simple reason that few people ever have occasion to use 15 languages.

Life is short. It is a hard and constant struggle for most people to keep away from the headline. The limited time available to the average person for study must be devoted largely to practical things.

Later, if automatic machinery frees man from slavery of muscles, concentration and time, purely intellectual or cultured pursuits will be desirable for all.

It used to be that all education was akin to pumping 15 languages into the individual brain. Steadily we shift to the goal of teaching people how to find knowledge when they need it—where to look for it and how to understand it—rather than attempting to cram the brain with information rarely used.

If some one asks you where Liberia is, it affords a thrill to be able to answer. More important is the ability to know how to ascertain Liberia's geographical location quickly, when there is occasion to use the information.

Obviously, there are exceptions, the greatest being science. No man can get into his brain too much knowledge about astronomy, biology, psychology, dimensional mathematics and other forms of original truth.

Those are the great messages worth receiving and retaining. Language is merely the box that holds them. Learning two languages is like learning penmanship and typewriting, which are merely two different systems for conveying the same pieces of information.

Thinking comes with knowledge. But the ability to think and to locate information when it is needed is more valuable than having the brain cluttered with what, for all practical purposes, is useless information.

This is materialistic philosophy. But it's a material world.

## REINCARNATION.

Boston is interested in a woman named Antinea, who claims she is the reincarnation of an ancient Egyptian queen.

Antinea is a movie actress. While her reincarnation claim sounds as if a clever press agent lurks in the background, it is interesting that many millions of people believe they "lived before" on earth. Maybe you wonder, yourself, at times.

It is a fascinating belief, a reaction from the universal desire to escape death or extinction.

The reincarnationists usually are modest enough to admit that in previous existences they were Napoleon, Queen Elizabeth and similar personages. You will travel a long time before you find one of the faithful believing that in a previous existence he was a nobody.

## PENNIES.

Gasoline isn't the only thing that is moving up in price. Steel in the last 60 days has risen an average of about \$8 a ton. Common brick advances, some cities paying as high as \$20 a thousand for what recently cost \$16.50. Coffee in many cities rises 2 and 3 cents a pound.

Signs point to a secondary period of inflation. But it will be a short one, if the precedent of past deflationary periods repeats.

A penny is added here, a penny there. The humble penny is that keeps most of us poor and makes a very few rich.

girl question is "not a car?"

## ENGINEER'S REPORT ON E. L. & W. W. PLANT

(Continued from page 1)

time due to lightning strokes, accidents or to destructive storms such as the recent disastrous sleet storm. Such a contingency may necessitate the replacement of a whole distribution system, or of a considerable part of the power plant. Further, due to the limited expenditure which can be made in a small plant for steam flow meters, kilowatt-hour meters, etc., it is extremely difficult to keep close and accurate check on the steam production and use and the electric energy output of the plant. Thus the good economy obtaining in an efficient power unit in the early years of its life is in general maintained in the later years.

Estimate on Operation with Power Purchased From Consumers Power Company.

Residence lighting: 2-3 of the 131,196 K. W. H. sold 1921-1922, 88,000 K. W. H. @ \$3.82c (average rate) \$7,367

Commercial lighting: 43,189 K. W. H. @ 5.852c (average rate) 2,528

Boulevard lighting: Demand of 8.8 K. W. and energy consumption of 18,489 K. W. H. Village maintaining and operating this system with metered energy from Power Co. \$92

8,830 \$ per K. W. plus 12-840 K. W. H. @ 1c K. W. H. \$92

painting posts, lamp renewals, cleaning, overhead expense 660

Street lighting in residence districts and alleys: Consumers Power Co. to operate and maintain 42-250 C. P. and 18-100 C. P. lamps, under regular street lighting rates 2,091

Power: 27,244 K. W. H. @ 4.62c per K. W. H. (average rate for secondary power) 1,259

Water-pumping: Estimated on basis of supplying 100,000 gals. per day to steel tower at height of 125 feet 1,800

Labor: One engineer for water plant and to operate gas engine drive on fire pump in case of failure of A. C. power supply @ \$125 per mo. 1,500

(Arrangement might be made with Consumers Power Company to use part of this man time on their system in the village, thus reducing this item.)

Gasoline, supplies, etc. used by engine when driving during interruptions to A. C. power 100

\$17,706

Adjustment on Cost of Replacing the Following List of 230 Volt D. C. Equipment with A. C. Equipment.

Net cost of replacement \$8,797

In connection with this item it is to be noted that the list presumably covers all the equipment, regardless of age or conditions, now on the lines of the village power service. It seems entirely reasonable to suppose that perhaps twenty to twenty-five percent of this apparatus has outlived its economic life and the owners would therefore be willing to purchase modern, efficient apparatus to replace such pieces. Again another large part has been in service a considerable time and would be replaced by making to the owner of the apparatus an allowance, based upon age and usage, toward the purchase of new apparatus. It should be noted also that in replacing the D. C. motors with three phase squirrel cage induction motors the power consumer is getting a more substantial, rugged machine, practically fool proof and free from all brush and commutator troubles.

Comparison of Power Supply, Village vs. Consumers Power Company.

Lighting: The village power plant receives for all lighting for year 1921-1922 \$18,054

The Consumers Power Company would charge for the same service according to items in estimate:

for residence lighting \$7,376

for com. lighting 2,528

for boulevard lighting 392

for street lighting 2,091

or there would be a saving in lighting bills per year to the citizens of 5,687

Power: The village power plant received for power sold for year 1921-1922, 27,244 K. W. H. @ 6c 1,635

The Consumers Power Company would charge for this as per item in estimate 1,259

A saving per year of 376

Total operation of plant and distribution system:

Annual expense of operating new D. C. village plant as per estimate \$21,506

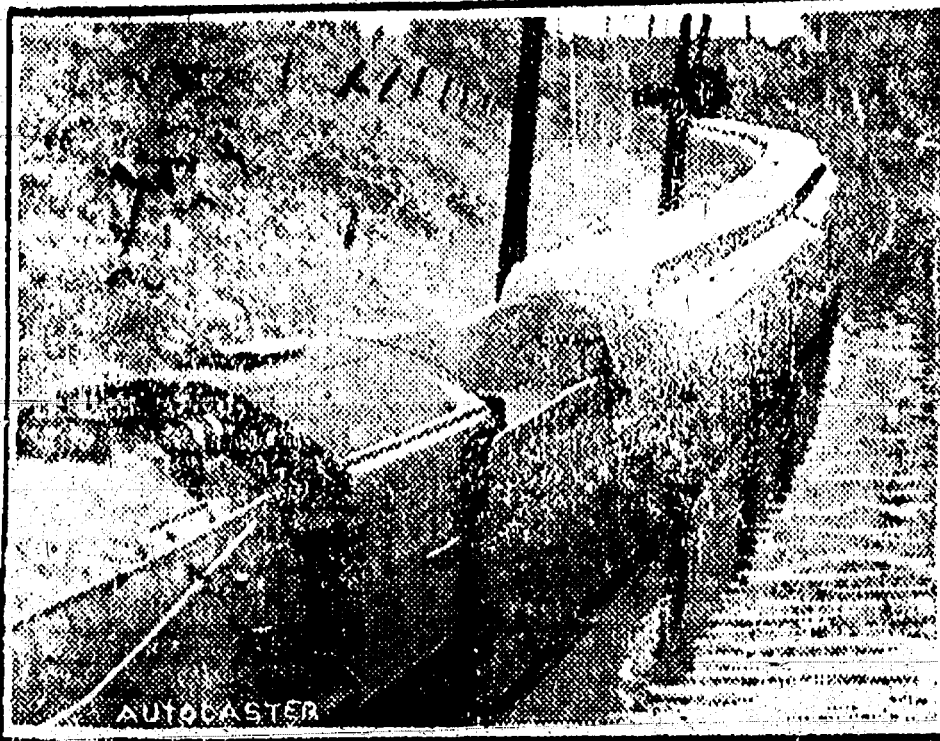
Annual expense of operation with power purchased from Consumers Power Company as per estimate (exclusive of apparatus replacement item) \$17,706

or a saving to the village by using purchased power, per year of \$3,800

It should be noted:

(a) That by using the service of the Consumers Power Company

## Train Passengers are Rowed Ashore



Several hundred passengers barely escaped death last week when flood waters swept the railroad tracks near the Erie tunnel at Syracuse, N. Y. Passengers had to be rescued in boats.

saving of \$3,800 per year is possible over the cost of operation of the village plant.

(b) That the Consumers Power Company have offered \$10,000 for the estimated ten miles of wire and lines of the village plant, which is a very fair offer considering the age and condition of the system.

(c) That the Consumers Power Company have offered \$5,000 to replace the equipment listed on page 12, the actual cost of which with allowance for age and use will probably be about \$7,000.

(d) That by its inherent nature the low voltage of the D. C. (220) system results in such large distribution losses as against an A. C. system at (2300 volts) that it would limit the growth and industrial activity of the village.

Therefore, it is recommended that the Commission take advantage of this opportunity for saving and arrange for their power supply from the Consumers Power Company.

Under such an arrangement the Commission is doubtless aware that their rights are fully protected as to the rates charged and quality of service furnished by the public utility company by reason of the jurisdiction of the Michigan Public Utilities Commission, to whom appeal may be taken in case of any dispute.

Chelsea D. C. 230 Volt Equipment to be Replaced with A. C. Equipment.—In Case of Consumers Supply.

Cost of replacement \$9,797.40

Salvage of old 1,000.00

Net cost \$8,797.40

Water Supply System.

The importance of the water supply system should be fully realized. A community may suffer discontinuance of traction, power or lighting service and experience only considerable inconvenience and economic loss, but interruption or undue diminution of the water supply brings on fire hazard to property accompanied by disease and danger to life. It is of the first importance that the water supply situation be studied in regard to its relations with each of the proposed methods of power supply.

The present system consists of six wells, (two with 8 inch and four with 4 inch casings) driven about twenty feet deep into gravel near Letts Creek. These deliver their water through pipes to a concrete well reservoir about 8 ft. by 13 ft. inside dimensions, and from this reservoir one 4 inch and one 6 inch centrifugal pump, each driven by a 15 H. P. D. C. motor take their suction and deliver the water to the reservoir of 30,000 gals. capacity at the power house. From here two steam pumps in the power house deliver the water directly into the village supply mains. At times of heavy water consumption the pumps have to be speeded up to maintain the supply and this lowers the

cost of the service. In case the Commission decides to continue the operation of its 230 volt D. C. plant the pumping equipment at the wells could consist of two motor driven centrifugals instead of the combination gas engine and motor unit, since the present piping with the power house reservoir and steam pumps could all be kept in operation as reserve equipment.

If, however, the Commission should decide to use the transmission line of the Consumers Power Company as a source of supply for a pump motor, it would be necessary to install the combination gas engine-motor unit, so that the pump could be operated by gas engine power in case of interruption of service on the transmission line.

Altho the fire risk is part of our mental picture of Japan a Philadelphia clergyman invented this horseless carriage less than a hundred years ago while paying a visit to the orient.

When a woman can speak three languages fluently she is foolish to throw herself away on a man who understands but one.

## LAKE ORION 3 BIG DAYS 3 JULY 2, 3, 4

Radio receiving station, Amusements, Bands, Fireworks, night and day, Balloon Races and Ascensions, Ted St. Clair and Orvil Burt Dive from the Skies, Dancing, Bathing, Boating, Roller Skating, Swimming Exhibitions, Lady Divers, Best equipped Bathing Beach in the Country, Ride on the Thriller and Aerial Swing, Visit the most beautiful resort, Free Picnic Ground and Auto Parking, Pleasure Riding, "City of Orion," afternoon and evening; Music, Cottages for Rent—Lots for Sale.

COME ONE

COME ALL

## Chelsea Tire & Battery Shop Chas. Bycraft, Prop.

## We Give Service

Dealers in

GOODRICH, PENNSYLVANIA, CORDUROY & MICHELIN TIRES

Willard & Philadelphia Batteries



JULY 4TH

Next Tuesday is the day we celebrate our Independence, but you are not independent unless you are free from debt.

Begin today to bank some of the money you are now letting slip through your fingers—your balance in the bank will soon grow and every day will be "Independence Day" for you.

If you save the money you work for, you and your family get the benefit of it.

## The Kempf Commercial & Savings Bank

Member Federal Reserve Bank.

Chelsea, Michigan



## With Cartins Pure White Lead and Pure Linseed Oil

## Boydells High Quality Mixed Paint

Either will insure a first-class finish and add to the beauty of your property as well as preserving the buildings.

We have a first-class roof paint that will stop that leaky roof or even better double the life of the roof by applying a coat of

## Elastic Roof Paint

## CHELSEA HARDWARE COMP'Y

PHONE 32, CHELSEA, MICHIGAN

## SILVERWARE

The June Bride may receive gifts that will give her pleasure, but the appropriate gift, the gift which will keep the giver constantly in her memory is Silverware.

See our line of GEE-ESCO ware. The kind that positively will not wear black or brassy.

## A. E. WINANS & SON

Watches—Jewelry—Clocks—Silverware

PHONE ORDERS Promptly Filled MAIL ORDERS Promptly Filled

ESTABLISHED 1857

ANN ARBOR.

## Happy Play Days for the Youthful

## Ones Are Here

Every Mother who comes to Ann Arbor to shop will find the new play room which has just been installed on the second floor of our store a great convenience. There are two slides, an sand box, toy automobiles, dolls, and in fact every toy imaginable. These are for children to play with while their parents are shopping. Kiddies are invited in to have a good play while they are in ANN ARBOR.

There are also on sale in this department many games and toys from which to choose.



# The INDIAN DRUM

William MacHarg and Edwin Balmer



Illustrations by Irwin Myers

Copyright by Edwin Balmer

## SYNOPSIS

CHAPTER I.—A wealthy and highly placed in the Chicago business world, Benjamin Corvet is something of a recluse. He is a bachelor, and his life is a mystery to his friends. He is a man of great wealth, and his name is known in the highest circles of the city. He is a man of great power, and his influence is felt in the highest circles of the city. He is a man of great wealth, and his name is known in the highest circles of the city. He is a man of great power, and his influence is felt in the highest circles of the city.

CHAPTER II.—Corvet's letter summons Conrad, a youth of unknown parentage, to Chicago.

CHAPTER III.—From a statement of Corvet, it seems probable that Conrad is Corvet's illegitimate son. Corvet has decided to take him into his home, and to make him a part of his life.

CHAPTER IV.—Alan takes possession of his new home.

CHAPTER V.—That night Alan discovers a man tampering with the desk and drawers in Corvet's apartments. The appearance of Alan tremendously agitates the intruder, who appears to think him a spy, and escapes in the confusion.

CHAPTER VI.—Next day Alan learns from Burrill that Corvet has decided his entire property to him. Introduced to the family, Alan is introduced to the family, and is introduced to the family.

CHAPTER VII.—Alan tells no one of his strange encounter, but in a private interview takes Burrill into his confidence. Burrill laughs at and defies him.

CHAPTER VIII.—Corvet's Indian servant, Wasequiam, tells Alan he believes the legend of the Indian Drum, which according to old superstition beats once for every life lost on the Great Lakes. Twenty years before, the great freighter Milwaukee had gone down with twenty-five on board, but the Drum had sounded for only twenty-four, leaving the inference that one person had been saved, since it was generally believed that the drum never lied. Pursuing a stranger who had made a disturbance at his house, Alan is eluded and rendered unconscious.

CHAPTER IX.—Conrad recovers, and the affair remains a mystery.

CHAPTER X.—Alan learns from Wasequiam that it was Corvet's habit to keep the sum of \$1,000 in the house, apparently to meet the demand of a certain "lady" who appeared periodically. In the absence of Wasequiam, "Luke" comes to the house and tells him that Corvet is evidently in a dying condition, due to alcohol and exposure. Conrad tries without avail to get him to explain his connection with Corvet. The man dies. Wasequiam gives Conrad a paper on which is a list of names.

CHAPTER XI.—From the document Alan deduces the may have a clue to the mystery surrounding Corvet's life and disappearance. He leaves Chicago to visit Lake Michigan ports in search of the persons whose names were on the list.

CHAPTER XII.—Constance receives a package wrapped in a muffler which she recognizes as Corvet's. It contains a few coins, a watch, and woman's wedding ring. She believes them to have been the property of Corvet, and accepts them as a proof of his death. She consents to marry him, but she consents to marry him, but she consents to marry him.

CHAPTER XIII.—Inquiries show that the watch in the package had been the property of a Captain Stafford, commander of the Milwaukee, who had gone down with his ship.

CHAPTER XIV.—Working on a lake freighter, Alan becomes acquainted with an elderly man known as "Jim Burr," who seems to be possessed of information which Alan believes would only be known to Corvet.

Alan telegraphed that day to Sherill; but when the message had gone doubt seized him. Benjamin Corvet, when he went away, had tried to leave his place and power among lakemen to Alan; Alan, refusing to accept what Corvet had left until Corvet's reason should be known, had felt obliged also to refuse friendship with the Sherills. Which revelation came, would it make possible Alan's acceptance of the place Corvet had prepared for him, or would it leave him where he was? Would it bring him nearer to Constance Sherill, or would it set him forever away from her?

CHAPTER XV.

A Ghost Ship.

Officially, and to chief extent in actuality, navigation now had "closed" for the winter. Further up the harbor, beyond Number 25, glowed the white lanterns marking two vessels moored and "laid up" till spring; another was still in the active process of "laying up." Marine insurance, as regards all ordinary craft, had ceased; and the government at sunrise, five days before, had taken the warning lights from the Straits of Mackinaw, from Neaux-Galets, from north Manitou, and the Fox Islands; and the light at Beaver Island had but five nights more to burn.

Having no particular duty when the light was in dock, old Burr had gone toward the steamer "laying up," and now was standing watching with absorption the work going on. There was a tug a little farther along, with steam up and black smoke pouring from its short funnel. Old Burr observed this boat too and moved up a little nearer. Alan, following the wheelman, came opposite the stern of the freighter.

"They're crossing," the wheelman said aloud, but more to himself than to Alan. "They're laying her up here," he jerked his head toward the Stoughton. "Then they're crossing to Manitou on the tug."

"What's the matter with that?" Alan cried.

Burr drew up his shoulders and angled his head down as a gust blew. It was cold, very cold indeed in that wind, but the old man had on a mackinaw and, out on the lake, Alan had seen him on deck countless in weather almost as cold as this.

"It's a winter storm," Alan cried. "It's like it that way; but today's the 15th, not the 5th of December!"

"That's right," Burr agreed. "That's right."

The reply was absent, as though Alan had stumbled upon what he was thinking and Burr had no thought yet to wonder at it.

"And it's the 15th of June, 1922," Alan said.

"That's right," Burr agreed. "That's right."

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# THE HOME RADIO

How to Make and Use It

By A. HYATT VERRILL

## IV. RECEIVING SETS

Broadly speaking, the receiving set consists of the antenna or aerial, the tuner, the detector and the receiver, but aside from the aerial, each part of the instrument is made up of several other units and appliances, each devised and used for a definite purpose.

The aerial, which is a wire designed to intercept or catch a portion of the continuous waves (always referred to in wireless telephony parlance as C. W.) consists of a single wire, for unlike wireless telegraphy, a number of strands or wires is of no advantage in receiving, and still more remarkable, it makes no difference whether the wire be bare or insulated, for the C. W. used in radio telephony penetrates solids of every kind. Indeed, a wire stretched around a room or through a hallway indoors, or even a metal bedstead or bed spring, may serve as an aerial for receiving wireless telephone messages, although far better results are secured by properly installed aerials out of doors. And here it may be wise to impress all users of receiving sets with the fact that the longer the aerial and the higher above the ground the better will be the results obtained, although an aerial 150 feet long and well above other large buildings will serve every purpose. Moreover, it makes no difference whether the aerial is horizontal, vertical or at an angle, provided it is thoroughly insulated from all surroundings, and very good results have been obtained by aerials run vertically up an air shaft or along the side of a building. So too, the lead-in, or wire connecting the aerial with the receiving instrument, serves as an aerial itself and therefore a long lead-in with a short aerial will serve almost as well as a long aerial and short lead-in, which is a tremendous advantage to dwellers in hotels, apartment houses, etc., where it is very difficult or impossible to install a long and lofty aerial on the roof. But before going into details and describing the installation of aerials, let us consider the rest of the receiving equipment and thoroughly understand its principles.

The detector, without which it would be impossible to register or detect the minute currents or waves which pass through the aerial is a very important part of the mechanism. There are two types of detectors in use, the first known as the crystal detector and the other as the vacuum tube. In the former, a crystal of some mineral—preferably galena—is used, while in the latter, a form of incandescent lamp with especially prepared filament is employed. The two, the former is the cheaper and is used on most of the cheap, ready-made sets; but it has limitations and is not nearly as satisfactory in many ways as the vacuum tube, as will be explained later. The third unit or tuner is the means by which the entire apparatus is made to pick up the sounds from some station or elsewhere and by means of which other sounds are shut out, for only by means of the tuner can the receiving set be placed in synchronism, or "tuned" with the waves carrying the sounds you wish to hear. The last unit or receiver is merely a telephone receiver made for the purpose and which, on a small set, is worn over the ears exactly as in receiving wireless telegraph messages.

Figure 7 illustrates in diagrammatic form these units with their relative positions in the set, but there are several good accessories which are essential to good results.

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at Howard Posters in Stockbridge.

Mrs. Mary Runciman and son Kenneth and Ellie Bowdish of Chelsea and Miss Lee of Detroit spent Sunday at Arthur Wals.

Mrs. Miranda Burnett and daughter Doris of Plymouth spent Monday and Tuesday of last week at Walter Vi-carays.

Mrs. Wade of Waldron, is spending some time with her daughter Mrs. Earl Brown.

Mr. and Mrs. Walter Harr, returned Sunday from Niagara Falls.

Mr. and Mrs. Henry Mollenkopf and son of Jackson spent Sunday with Mr. and Mrs. George Rentschler.

Mr. and Mrs. George Rentschler and son Glenn and Gorton Rietmiller were in Jackson Thursday evening.

Carroll Broesamle of Detroit spent the weekend with his parents, Mr. and Mrs. E. Broesamle.

Mr. and Mrs. Victor Moechel and Laura Moechel were in Jackson Saturday evening.

Mr. and Mrs. Bert Aschenbrenn nad son Edward or Grass Lake spent Sunday with George Aschenbrenn.

Francis Marsh is a victim of the pumps.

Mrs. Mary Runciman and son Kenneth of Chelsea spent one day of last week with Mr. and Mrs. E. F. Rhoads.

Milton Richmiller is erecting a new garage.

The new garage which Waterloo has been promised so long is now under construction. Our garage man, George Schenk, has a force of men working on it.



## WANT AND FOR SALE ADS

**FOR SALE**—A large number of residences, of different sizes, in Ann Arbor. Also some desirable lots. Call at my office, or write me, if you contemplate buying in Ann Arbor. I can advise you as to the best location. J. W. Dwyer, Attorney, 508 First National Bank, Ann Arbor, Michigan. 8218

**FOR SALE**—Model 81 Overland Touring, 1918 Model, Buick Touring car, cheap. Overland Truck, Model 81, just been overhauled, in good condition. 8212 OVERLAND GARAGE.

**FOR SALE**—5 vinegar barrels, a set of 3 flatirons. 133 VanBuren st., Phone 62. 8212\*

**FOR SALE OR RENT**—Cottage at Sugar Loaf Lake. Cash or terms. G. H. Faber. 8213\*

**FOR SALE**—Eight chairs and a cot suitable for cottage. 552 Harrison st., or phone 234-W. 8212

**FOR SALE**—A large 8 room house with furnace, bath, lights and gas. Charles Martin. 814\*

**WANTED**—Piano pupils during summer months. Wilmina Burg. 80110\*

**FOR SALE**—A pair of geese one year old, a white Pecos drake, and three ducks, also baby carriage. 133 VanBuren st., or phone 62. 8012\*

**FOR SALE**—Early and late cabbage plants by the dozen or hundred. Mrs. Wm. Faber, 508 Suth Main street. 8012\*

**FOR SALE**—Horse and buggy, J. W. Budd, on the town line road, 3 1/2 miles south of Chelsea. 8012\*

**FOR SALE**—1 Overland Touring, 1 Dorr Touring, 1 Buick Touring, 1 Overland Roadster. 7914 OVERLAND GARAGE.

**INSURANCE**—Fire, tornado, life, health and accident. D. L. Rogers, Kempf Bank Building. Phone 230. 7014

**CHELSEA CO-OPERATIVE Association**—Just received a carload of twine, also have all kinds of hay and harvesting machinery for sale. See us before buying. G. W. Coe, Manager. 7015

**FOR SALE**—At Liberty Cafe, 2-quart adal fast jars, per dozen \$1.00, half dozen 50c. Ketchup bottles, per dozen 35c. 7415

**HEMSTITCHING**—Pecot edge, cord laying, etc. Mrs. Henry Ahnemieller, 140 VanBuren street. 7015

**WAGON AND BUGGY** repair work promptly done. Leave your work at Wheeler's blacksmith shop. 6315

**WANTED**—People in this vicinity who have any legal printing required in the settlement of estates, etc., to have it sent to the Chelsea Tribune. The rates are universal in such matters, and to have your notices appear in this paper it is only necessary to ask the probate judge to send them to the Chelsea Tribune.

## TYPEWRITERS

Genuine Standard Underwoods. Factory rebuilt like new. Easy payments. Also a complete line of other standard makes. New and used adding machines. Write us for particulars.

**The Office Supply House**  
"Typewriter Emporium"  
JACKSON, - - - MICHIGAN

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Funeral Director  
Calls answered promptly day or night  
Telephone No. 6.

**CHELSEA CAMP No. 7338 M. W. A.**  
Meets 2d and 4th Friday evenings of each month. Insurance best by test. Herman J. Dancer, Clerk.

At the Brazilian centennial exposition in September of this year the United States will have an exhibit showing the work done by the various bureaus in promoting the mining industry.

After their argument, Mr. Tamulty, author of "Wilson As I Knew Him," has decided that he didn't know him as well.

## In the Realm of Society

### Lake Orion Plans for Fourth.

The Lake Orion Summer Homes Company have made announcement of a big time July 2, 3, 4. All kinds of special attractions and amusements are promised the people and the resort is highly recommended to all.

### Busy Bee Club.

Mrs. Elizabeth Wackenhut is entertaining the Busy Bee Club this afternoon.

### S. P. I.

The S. P. I. club met Monday evening, June 26, at the home of Miss Lillie Wackenhut. A school day program was given as follows:

Roll call—School days.

Vocal solo—My Parasol, Katherine Fletcher.

Piano duet—Katherine Hoffman, and Olga Strieter.

Greetings to Members—Louise Williams.

Reading—History Lesson—Elizabeth Eisen.

Vocal solo—Lillie Hauser.

Essay—School Days—Amanda Koch.

Reading—Lillie Wackenhut.

Prophecy—Katherine Hoffman.

Vocal Solo—Popping Corn—Katherine Fletcher.

Valedictory—Olga Strieter.

Reading—Elizabeth Eisen.

Game—State Abbreviations.

At the close of the program, dinner pails filled with a dainty lunch were passed to each member.

### Surprise Party.

The Chat'n Sea club gave J. Geo. Webster a pleasant surprise Monday evening, June 26, in honor of his birthday. The evening was spent in playing unique games. Light refreshments were served.

### UNADILLA.

Minna Watson was in Jackson last Friday.

Mrs. C. D. Ellis visited friends in Lansing the first of the week.

Mrs. Delle Chambers of Williams-son visited at Nancy May's from Sunday until Wednesday.

Stanley Teacheret is home from Warren, O., where he has been studying music.

L. A. S. of the Presbyterian church will hold a ice cream social at the home of Minna Watson, Friday evening, July 7.

Watson Lane was thrown from his buggy when an automobile struck him. 3 ribs were broken and he was badly shaken up.

Earl Elliot and family of Detroit spent the weekend at W. G. Lanes.

Mrs. Nancy May, Mrs. Delle Chambers and Minna May and Mae Cyanna visited friends in Waterloo Monday.

Patronize Tribune Advertisers.

The last of the lumber towns of Clare county is doomed. The Port Marquette started to tear up its tracks to Leota, famous in the lumber-pack days of 40 years ago. Millions of feet of logs have been floated down the Muskegon, past Leota, but only small timber has been marketed the last few years. Inasmuch as the trunk line through the town is also being abandoned, little remains to keep alive a semblance of the town that once thrived there.

A pat on the shoulder accompanied by a squeezing of her hand by a married man caused Mrs. Emily Bowhall, 35 years old, of Pontiac such "great worry and mental suffering" that she is suing George Edgar Sherman, 65, a farmer, for \$15,000 damages, according to the bill of complaint filed at Pontiac. Mrs. Bowhall charges that Sherman insisted on making love to her, although knowing that she was married.

Judge Theodore J. Richter, of the Wayne circuit bench, effected a reconciliation between Mr. and Mrs. Carl A. Hoffman, wealthy Grosse Pointe residents, principals in a divorce case, at Mt. Clemens. Hoffman brought the action against the wife, who is mother of 12 children. The two kissed, and marched out of court, hand in hand, with their 12 children following.

Chief Pipple, of the Grand Haven police and fire department, no longer has to dash away on his bicycle when answering a fire or burglar alarm. For several years the city has equipped the chief of the two departments with a bicycle and he has pumped his way to the scene of trouble. But now it is changed. A bright red automobile has been purchased for the chief.

Citing E. N. Diver, of Kalamazoo, for meritorious service, the Michigan Central Railroad, for which he worked 40 years, has granted him a pension and a gold medal, entitling him to a life pass on the line. During his 40 years' service on the road, Diver, as baggagemaster, never met with an accident or was involved in a damage claim.

John C. McKay, Alpena, captain of the fishing tug Falcon, suffered a fracture of the right arm and nearly lost his life when he was carried overboard with the pilot house of his craft when it was struck by a tow line between the barge Helen C. and a tow. With his broken arm McKay swam 50 feet, then found a life preserver, with which he kept afloat until rescued.

"We hope to be able to start work on the new Normal training school building this summer or early in the fall," President James M. B. Kaye, of the Marquette Normal school, declared. "At present plans are being modified so as to make the new school one of the finest of its kind anywhere," he said.

Fourteen pints of beer, recently confiscated by Prosecutor Lynn Johnston, from the Green Tree cafe, Macon county, was ordered returned to the owners by Judge Harry J. Dingman, of Detroit, who held that the search warrant under which the raid was made was irregular and illegal.

### Why Suffer from Rheumatism?

Do you know that nine out of every ten cases of rheumatism are simply rheumatism of the muscles or chronic rheumatism, neither of which require any internal treatment? The pain may be relieved by applying Chamberlain's Liniment, which makes sleep and rest possible, and that certainly means a great deal to any one afflicted with rheumatism.

Adv.

### Shower for Mrs. Fordyce.

Mrs. Warren Daniels entertained a number of friends, Friday evening, June 23 at a miscellaneous shower in honor of Mrs. Verns Fordyce. Mrs. Fordyce was the recipient of many lovely gifts. The evening was spent in playing games. At the close of the evening refreshments were served by the hostess.

### Cavanaugh lake asso. meeting.

The annual meeting of the Cavanaugh lake association will be held at Cavanaugh lake, Tuesday morning, July 4 at 10 o'clock.

### Cafeteria Supper.

A business meeting of all the Circles of the Ladies' Aid Society of the Methodist church will be held in the parlors of the M. E. church, Thursday afternoon, June 29 at 4 o'clock. Following the meeting the Dorcas and Helping Hand Circles will serve a cafeteria supper, beginning at 5:30 and continuing until all are served. Public is invited.

### Motor Trip.

Mr. and Mrs. D. C. McLaren left Sunday morning on a motor trip through the northern part of the state.

### Social.

The North Lake Ball team will give an ice cream social at the home of Mr. and Mrs. Wm. Eisenbeiser, Friday evening, June 30. Everybody come.

### Motor Trip.

John Henschelwerdt, Dorr Rogers, and John Parker leave this afternoon on a week's motor trip to the northern part of the state.

James Munroe motored to Plymouth Sunday, where he was the guest of friends.

Mr. and Mrs. John Hauser and daughters visited relatives in Lansing Sunday.

Miss Marion Steinbach of Flint is visiting her grandparents, Mr. and Mrs. Charles Steinbach this week.

Miss Elizabeth Eisen of Detroit is spending a few weeks at the home of her aunt, Miss Lillie Wackenhut.

Miss Dorothea Coulson of Detroit was the guest of her cousin, Miss Marion Gentner over the weekend.

Mr. and Mrs. M. J. Baxter and children were guests of her parents, Mr. and Mrs. W. J. Backus of Jackson, Sunday.

Misses Jane and Josephine Walker are guests at the home of Mr. and Mrs. Thomas Anderson in Detroit this week.

Miss Georgia Russell was the guest of relatives in Plymouth, Sunday.

Catherine, 4-year-old daughter of Mr. and Mrs. Fred J. Briggs of Kalamazoo township, died at Charlotte as the result of amputation of her left arm, made necessary after that member was crushed in a power wringer of a washing machine.

Entering the building through two loose boards in the floor, left after pipes had been repaired, thieves took 1,000 pounds of sugar from the store of Mike Dubina, in the foreign settlement at Albion.

Four men loaded a 400-pound safe, stolen from the Homer Grant store, at Coloma, into an automobile and escaped. The safe contained \$250.

The thirty-ninth annual assembly of the spiritualists of the United States and Canada will be held in Fraser's Grove, near Vicksburg, from July 30 to August 30.

A bumbee which stung the nose of J. D. Cox of Detroit, as he was driving his automobile near Tecumseh, caused him to lose control of his car which swerved into the ditch and turned turtle. His wife and two sons were in the car, and Mrs. Cox suffered a broken arm.

George Kapsouris, arrested in Detroit, on a charge of issuing bogus checks, waived an examination, in justice court at Ypsilanti, and was bound over to the circuit court. Bail was fixed at \$1,000 which he was not able to give.

Recommends Chamberlain's Tablets. "Chamberlain's Tablets have been used by my husband and myself off and on for the past five years. When my husband goes away from home he always takes a bottle of them along with him. Whenever I have that heavy feeling after eating, or feel dull and played out, I take one or two of Chamberlain's Tablets and they fix me up fine," writes Mrs. Newton Vreeland, Minoa, N.Y. Take these tablets when troubled with constipation or indigestion and they will do you good.

## DYE WANT TO PLAY IN THE MOVIES? ASK LEATRICE JOY!

Leading Woman in "Saturday Night" Will Tell You of the Thrills You Will Get.

If you are ambitious to appear in the movies, here's a word of advice: Talk to Leatrice Joy first.

Together with a large proportion of the rest of the world, Miss Joy once had ambitions to act on the screen. Unlike the majority of hopeful aspirants, she was promptly given an opportunity to gratify her ambition.

Almost the first thing she did in the filming of "Saturday Night," Cecil B. DeMille's Paramount picture in which she plays one of the prominent roles and which comes to the Princess, theatre Wednesday, was to drive a rag-dart into a dangerous slide, run it out on a railroad trestle a hundred feet above the ground, abandon the car as an approaching electric train menaced it and, with her fellow player, Jack Mower, swing suspended below the trestle as the train rushed overhead, crushing the car to junk above them!

All of which proved to be a rather severe initiation into DeMille methods of realism. Miss Joy weathered it successfully. Nevertheless, if you aspire as she did, it might be well worth your while to discuss the matter with her.

Mr. and Mrs. Lewis Seigrist, Mr. and Mrs. Henry Lovejoy, of Jackson, Mr. and Mrs. Ferdinand Seigrist and son, Olin, and Mr. and Mrs. Orman Seigrist and son Walter of Waterloo, were guests at the home of Mr. and Mrs. Jhn Frymuth, Sunday.

### Hall's Catarrh Medicine

Those who are in a "run down" condition will notice that Catarrh bothers them much more than when they are in good health. This fact proves that while Catarrh is a local disease, it is greatly influenced by constitutional conditions. HALL'S CATARRH MEDICINE is a tonic and acts through the blood upon the mucous surfaces of the body, thus reducing the inflammation and assisting Nature in restoring normal conditions. All Druggists. Circulars free. F. J. Cheney & Co., Toledo, Ohio.

### DETROIT UNITED LINES

Between Jackson, Chelsea, Ann Arbor Ypsilanti and Detroit Eastern Standard Time — Effective January 3, 1922.

### Limited Cars

For Detroit 8:45 a. m. and every two hours to 8:45 p. m.

For Jackson 9:15 a. m. and every two hours to 9:15 p. m.

### Express Cars

Eastbound—7:14 a. m., 9:30 a. m. and every two hours to 7:30 p. m.

Westbound—10:25 a. m. and every two hours to 10:25 p. m. Express cars make local stops west of Ann Arbor.

### Local Cars

Eastbound—10:25 p. m. For Ypsilanti only, 11:55 p. m.

Westbound—8:25 a. m., 12:39 p. m. Cars connect at Ypsilanti for Saginaw and at Wayne for Plymouth and Northville.

## Princess Theater

Wednesday June 28  
One Night Only  
Jesse L. Lasky Presents

## "Saturday Night"

By Jeanie Mac Pherson

If an heiress eloped with her chauffeur and a millionaire married his pretty laundress—what would their wedded lives be like?

The answer is here—in a gorgeous tale of the top and bottom of New York. Showing each half how the other half lives and running Fifth Avenue into Coney Island.

A story of fashion, revel and love—and the two greatest fire and railroad scenes ever filmed!

Cast Includes

Leatrice Joy, Conrad Nagel, Jack Mower, Theodore Roberts, Julia Fay, Edith Roberts.

## Auction Sale

OF  
Household Goods

ON THE

Steven's Estate East Middle Street

Thurs. June 29

At 2 o'clock

TERMS — CASH

ED. DANIELS, Auctioneer

If you are in the market for a car now is the time to put in your order.

See us about a new car

We repair any make of car

E. F. KLUMP GARAGE

Phone 166 or 265-R Jackson St.

UPPOSING your car is wrecked or lost through fire or theft, are you fully protected with a good insurance policy? No farmer or business man can afford to drive his car a single day when you can insure so cheaply by joining with your fellow farmers and business men. With the large mutual that has stood the test for seven seasons and added to surplus each year, you will be fully protected at a small cost.

Rates covering for fire, theft and liability in the country districts are as follows:

Ford ..... \$ 9.50  
Dodge ..... 10.50  
Buick Light Six ..... 11.10  
Other cars in proportion.  
Collision rate \$2.00 per \$100.00.

VERNE FORDYCE, Local Agent

## A BUSINESS COUPE OF STEEL

Dodge Brothers offer to the business public of America an entirely new principle in Coupe body construction.

From framework to window mouldings the body is built of steel. It is the first all-steel closed car ever marketed. This design anticipates every possible requirement of commercial travel. It insures unusual quietness—unusual grace—unusual stamina. It has made it possible to give the Coupe that same lustrous baked-on enamel finish for which Dodge Brothers open cars have long been famous.

The upholstery is of genuine leather—leather that will wash and wear. The seat is wide and comfortable. Carrying compartments are accessible and spacious. The car is equipped with a heater, dome light, window levers, windshield cleaner, cord tires, Yale door locks, and every other appointment necessary to the owner's comfort and protection.

Built inside and out to withstand the wear and tear of everyday use, it retains the same lightness and beauty of line which you are accustomed to look for in Dodge Brothers cars.

It is the Business Coupe which business people the world over have been expecting—from Dodge Brothers.

The price is \$980 f. o. b. Detroit

W. R. DANIELS, Agent  
CHELSEA, MICHIGAN

