

HEADLIGHTS WILL BE GIVEN TRYOUTS AT NEW INSTITUTE

(By NEA Service)
HARRISON, N. J., April 11.—In-
tensive tests will be made at the new
Edison Lighting Institute here, from
which it is hoped some solution to
the headlight problem will be found.
These tests have been decided upon
by officers of the institute, following
the offer of various engineering organ-
izations and others interested in auto-
mobile lighting to come to some defi-
nite decision. Former tests have
brought only confusion in the minds
of the experimenters as to the proper
lighting to use for automobiles.
According to L. C. Porter, com-
mercial engineer of the General Elec-
tric company, which has established the
institute, 35 per cent of last
year's automobile accidents happened
because of faulty headlights. Most of
these were due to too much glare or
too little light, blinding others by the
strong light or making it impossible
for drivers to see people in the road.
Difference of Opinion
The Illuminating Engineering so-
ciety and the Society of Automotive
Engineers differ in their opinions of
the intensity of headlight needed for
safe driving.
The illuminating engineers set a
maximum of 800 and a maximum of
1200 candle power as essential. The
automotive engineers go as high as
2500 candle power as necessary for
safe driving at night.
Few Good Lamps
The U. S. bureau of standards
tested the lighting equipment of 400
automobiles in Washington, D. C. Of
these it was found that only 5.5
per cent had good lighting equip-
ment.
On many of the cars either the
lenses or the reflectors were so dirty
that the amount of light was cut
down considerably. On others the
hubs were out of focus or the lamps
misdirected.
It is these irregularities that the
new institute is seeking to correct.
An entire room has been set aside
for the study of headlight focusing
alone. Various forms of anti-glare
devices will be tried out, and other
related matter put to the test.

Death is Defied



Sergeant C. E. Conrad, Kelly Field,
San Antonio, Tex., defied death to
prove a wounded aviator can make a
safe landing with a parachute. Blind-
folded, shackled and handcuffed, Con-
rad was pushed from a plane at an
altitude of 4820 feet and made a safe
landing, setting a new world's record
for parachute jumpers.

Americans Consume Much More Butter

Were it not for the fact that the
United States is using much more
butter per capita than in former
years, it is interesting to conjecture
just what would have happened to the
size of storage stocks over the coun-
try, considering the very heavy sur-
plus in storage now as compared to
last year.
The department of agriculture has
announced that 50,000,000 pounds
more were consumed in the last nine
months than in the same period a year
ago. The totals were 1,516,680,000
pounds against 1,467,045,000 pounds. Ap-
proximately 15,000,000 pounds are ac-
counted for by the increase in popu-
lation.
Per capita consumption of milk has
increased 21 per cent in the last three
years, the average being fifty-three
gallons for last year, as compared with
forty-three gallons in 1920. Butter
consumption increased from 14.7
pounds per capita to 17 pounds in
the same period.

Receiver Sought for Store Chain

(Commercial Bulletin)
Management of the Pacific
Stores, Inc., is charged in a suit for
receivership filed with the United
States district court this week by A.
R. Isham and six other stockholders
of the company. The plaintiffs say
they are acting on behalf of 3500
stockholders who, it is asserted, have
been misled as to the financial stand-
ing of the defendant company whose
home office is in Denver, Del.
The Pacific Stores, Inc., has 5, 10
and 25-cent stores in San Francisco,
Oakland, Los Angeles, Fullerton,
Whittier, Orange and Riverside.
It is asserted in the bill of com-
plaint that the company is losing
money at the rate of \$12,500 a month,
and that debt amount to \$208,000 as
against assets of \$182,000. It is
stated the company was organized
with a capital stock of \$5,000,000 and
that as a result of "gross mismanage-
ment" it has never made a profit.

Syndicate Seeking Sunken Treasure

LONDON, April 11.—(AP)—Search-
ing for sunken treasure in the Aegean
sea, off the Greek coast, where a
fleet of Trojan-Egyptian and Persian
vessels went down nearly a hundred
years ago, was begun recently by a
London syndicate of insurance brok-
ers. Specially designed salvage ships
were sent to the scene with the hope
of being able to carry out their pur-
pose.
Members of the expedition
have come to London for additional
supplies and diving apparatus, and ac-
cording to their reports, 63 ships were
lost on which there were gold, precious
stones and valuables which the
Turks had removed from Greek towns.
The treasure had been taken on
board the fleet for transport to Tur-
key when Admiral Codrington in 1827
saw the vessels in battle and sank
most of them. The bay where the
work has been started is about four
miles square, with a rocky bottom
and a maximum depth of water of ap-
proximately 180 feet. It is seen
estimated, however, by divers, that
the sunken ships have been covered
down with several feet of mud washed
down with the waters from nearby
mountains.

S. B. FINNEGAN
Machine—Blacksmithing
Soil Truck Tires; Auto and Truck Springs; Auto
Wheels and Rims; Oxyacetylene Welding
We carry carbide in cans; also blacksmith coal,
and oxygen in tanks.

TOOLS ARE FRIEND IN NEED, ASSERTS SUPPLY MANAGER

There's nothing that will relieve
the motorist in trouble of both per-
spiration and profanity, as readily as
a good tool box equipped with a se-
lect number of tools, is the opinion of
C. M. Urey, local manager of the
Western Auto Supply company.
Speaking in the language of the
average car owner, says Mr. Urey:
"The tool box is a small compartment
either under the seat or in the rear
compartment, given over principally
to the storage of old rags, broken
chains, inner tubes of the past tense,
and the remains of last summer's
picnics. Scattered among these ar-
ticles lie safely the remains of the
tools that have not been borrowed
by the neighbor or appropriated by
the wife for opening cans."
Coveralls Handy
"But as we are talking about
good tool boxes, let us jump into our
coveralls and straighten it up right
before the touring season—unless you
are in need of personal lubrication,
don't forget the coveralls."
"These suggestions are not so much
for the individual who steps on the
starter and lets the checkbook do the
rest, as for the happier fellow, who
keeps a lot of relaxation, and knowl-
edge as well, out of tinkering around
doing the simpler problems of car
maintenance. Hence—the tool box."
So let's clean out the junk, get
everything together and look it over.
Here's the kit that came with the
car, or rather what's left of it. Spe-
cial tools are provided by manufac-
turers for nearly every individual
make of car. If these tools have
been lost, they can be replaced at a
small cost. Tools that are never
needed should not be carried for they
are an investment that bring no re-
turns."
Pliers Necessary
"Two or more pairs of pliers should
be included in the kit—the regular
type and a heavier pair of side cut-
ters. Screw drivers—you should have
at least three; a small electrician's,
a four-inch and a large ten-inch size.
Two other tools that will be needed
are a cold chisel and punch."
"When it comes to tires, every
motorist needs a handy vulcanizer for
emergency use. The type that uses
heat units and rubber patches makes
a very satisfactory vulcanizing job.
The cost is small but the comfort and
assurance is great."
A smooth running motor calls for
an adequate supply of wrenches. Here
especially, only the best will suffice.
The kit should contain a number of
double end wrenches of the proper
size for your car. And speaking of
wrenches, you will bless the day that
you secure one of the handy socket
sets which includes a watchset handle
with extension bar and sockets to fit
practically every "hex" nut or bolt on
the car."
Towing Apparatus
"The tool box should also contain a
heavy duty jack, good pump, tow
rope, tire chains, tire gauge and an
interrupter file for emergency use.
Such a list of tools will be fully cap-
able of making any minor repair that
may be needed while on the road."
Even though the tools never come
into play, there is a certain amount of
mental satisfaction in knowing that
they are there and may be brought
into operation should they be needed.
Good tools are insurance against
costly delays and a wide selection of
them for the car will provide every-
thing that is at all likely to be needed
in every day motoring."

SCIENTISTS PLAN FOR COOL TRIPS

WASHINGTON, April 11.—(AP)—A
scientific expedition to the little known
chain of Aleutian islands off the coast
of Alaska is the task this summer of
a special field party of the coast and
geodetic survey, to be aided by the
coast guard.
Equipped with modern apparatus,
the party will be picked up by the
coast guard, which will land it on
one island of the group, resume its
patrol work and later pick up the
party and take it to another of the
Aleutians.
The program of the party, which is
to leave Seattle aboard the coast
guard cutter Haida April 15, is to
make a preliminary survey, to collect
data useful in a more thorough sur-
vey; to obtain magnetic observations;
including determination of possible
local magnetic disturbance due to the
character of the rocks; to determine
accurate positions by astronomical ob-
servations; to operate an automatic
tide gauge, whenever conditions war-
rant, and to make topographic sur-
veys of the islands and collect coast
pilot information.
The new radio method will be used
in getting hitherto doubtful longitudes
by making observations on stars and
receiving radio signals, and calculat-
ing the difference in time between the
transmitting station and place of
observation.
The party will consist of Lieutenant
G. C. Jones, Ensign J. C. Bone and
two men, all specially selected.

Wartime Food Is To Sustain Alpinists

(Vancouver, B. C. Star, Feb. 26)
By W. A. DE GRAVES
From Kut-el-Amara, the town
whose name was on every British
tongue during General Townshend's
heroic defence of the eastern mud-
walled city against the Turks in the

late war, to Vancouver, B. C., and
Cordova, Alaska, is a far cry, but
the defence of Kut has been brought
to mind again in the past few days
by the Canadian Alpine club expedi-
tion which will attempt the ascent of
Mt. Logan next spring, members of
which are already in training in the
city.

Here's the story.
When Kut was beleaguered, and it
was impossible to replenish the
rapidly diminishing food supplies of
the garrison by ordinary means, medi-
cal experts and airmen were called
into consultation. The result was a
highly concentrated form of food,
something like yeast, which, although
small in bulk, was rich in vitamins,
and which by reason of its size, could
be transported to Kut in airplanes and
dropped by parachutes to the besieged
troops.
Marmite was the wartime name of
the concentrated food, and now, under
its peacetime name of Vegex, the
same food is to be used to enable the
mountain climbers conquer Mt. Logan,
19,850 feet high, and the highest peak
in Canada or the Yukon territory.
Already members of the expedition
are training on Vegex.

Tourists Sue When No Snow Is Found

INNSBRUCK, Austria, April 11.—
(AP)—Because there was no snow in
the mountains, as set forth in an ad-
vertisement, a group of Englishmen
has entered suit against a travel bu-
reau, asking for damages, railroad
fares and hotel expenses.
The English tourists were in Inns-
bruck, seeking winter sports, but the
weather was so mild that nowhere
could they find snow or ice. They
read an advertisement of a certain
resort saying the snow was, or soon
would be, deep, and the skating good.
So they traveled thither, only to find
on arrival that the reported snow was
a myth, and the lakes all open. Ag-
grieved and out of pocket, suit was
begun against the travel bureau
responsible for the misleading an-
nouncement.

Think of Us As Your Automobile Dealer

A man has his doctor, his
lawyer, his banker, his groc-
er—in fact he is accustomed
to refer in that way to every
one to whom he gives the
loyal patronage born of re-
sponsibility and fair dealing.
We are trying to sell and
serve Studebaker in this
market in such fashion that
more and more of our town-
men will think of us as here
to give them constant, satis-
factory, personal service.

Studebaker
Sweet-Drain Auto Co.
1030 Oak St. Telephone 440

DEPENDABILITY IS AIM IN DODGE CAR

"For ten years—dependable. These
words express the successful attain-
ment of an ideal conceived in the
minds of the founders before the first
car bearing Dodge Brothers' name
was placed in the hands of a pur-
chaser late in 1914," says F. M.
Hathaway of the Hathaway Motor
company, local dealer in communica-
tion on Dodge Brothers' latest advertise-
ment.
"The word 'dependable' when it
appeared on the poster boards several
years ago, focused public attention on
one basic characteristic to which,
more than any other, is due the good
name which Dodge Brothers' motor
car enjoys everywhere.
"Having decided to produce a car
bearing their name, Dodge Brothers
kept 'dependability' constantly in
mind while they were designing the
units, selecting the materials, pre-
scribing the heat treatments and de-
termining the machining and assem-
bly processes and inspections.
"The four-cylinder, L-head type of
engine was selected because it has
always been known, over great peri-
ods of service to be the most depend-
able and free from need of repairs or
adjustments.
"That their judgment a decade ago
was sound is evidenced clearly by the
fact that over 75 per cent of all pas-
senger cars today are powered by
four-cylinder engines and that last
year Dodge Brothers' sales showed an
increase of over 25 per cent against
a loss of 11 per cent by the automo-
bile industry as a whole.
"Dependability of the chassis is the
result of a well balanced design—of
which Dodge Brothers' motor car is
an outstanding example. All units
and component parts are designed and
manufactured to work together in

smooth co-ordination—none overde-
veloped at the expense of others.
"The well known policy of constant
development of a basic design as con-
trasted with the production of radi-
cally different annual models gives
the buyer complete assurance of de-
pendability. Every year since the
first Dodge Brothers motor car was
built it has been made better by re-
finement of detail.
"When one million Dodge Brothers
motor cars had been produced it was
found that over 90 per cent were still
in active service. This fact affords

ample evidence of generous public ap-
proval of the sound policy of building
a car of enduring dependability."
Angry Forever
CAMBRIDGE, MASS., April 11.—
Professor W. B. Cannon of Harvard
University has discovered a method
of operating on the brains of ani-
mals which makes them permanently
angry and at the same time removes
all sense of pain. The cat's hair
stands up, its claws are drawn out
and it scratches and spits.

Many Models are Offered Motorist
There are 133 different motor ve-
hicles and 795 models from which the
American motorist may make his
choice.
Of these, there are 116 different
makes of passenger cars, 62 com-
mercial cars and motor trucks, 6 taxi-
cabs and 9 motor busses.
All are gasoline propelled, with the
exception of a few electric and steam
vehicles.

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IT WILL PAY YOU TO KNOW THIS STORE

THIS IS A STORE OF NECESSITIES

A store full of dependable necessities for your car, truck or tractor
A bright, new stock of

REPLACEMENT PARTS AND ACCESSORIES

We want to meet every car, truck and tractor owner in Lane county.
This new store is here to supply your every need in a painstaking
and efficient manner. We hope to serve you.

We Especially Invite Garage and Shop Owners to Visit This Store

BOTH WHOLESALE AND RETAIL DEPARTMENTS

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WHERE SERVICE AND EFFICIENCY COMBINE TO INSURE YOUR SATISFACTION

STORAGE—CYLINDER GRINDING—REPAIRS

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WASHING—STEAM CHASSIS CLEANING

HOWARD AUTO COMPANY

Official A. A. A. Garage

837 Pearl St.

25 Miles to the Gallon

58 Miles per Hour

5 to 25 Miles in 8 Seconds

Never before has there been an organization
capable of producing at anywhere near the
low Maxwell price such speed and power,
economy and absence of vibration in a
4-cylinder car.

Chrysler engineers have combined with
unprecedented smoothness a speed of 58
miles per hour and a flashing acceleration
of 5 to 25 miles in 8 seconds.

They have engineered into this motor a gas-
oline economy of 25 miles to the gallon, and
an upkeep economy which brings replace-
ment and repair costs close to the zero mark.

We are eager to prove these Maxwell facts
in a demonstration drive.

Touring Car	\$ 895	Standard Four-Door Sedan	\$1095
Club Coupe	995	Special Four-Door Sedan	1245
Club Sedan	1045	All prices f. o. b. Detroit, tax extra	

We are pleased to extend the convenience of time-payments. Ask
about Maxwell's attractive plan. Maxwell dealers and superior
Maxwell service everywhere.

G. C. MOIR & CO.

942 Olive

The New Good MAXWELL

Extra Special! Extra Special!

CORD TIRES

30 x 3 1/2 Cord Tires \$6.95

Cash and Carry Prices

OTHER EXTRA VALUES

32x3 1/2 Hood Cord Tires	\$12.50
31x4 Lee, Mason or Hood Cords	\$15.50
32x4 Mason or Brunswick Cords	\$15.55
33x4 Ajax or Brunswick Cords	\$15.75
34x4 Hood or Brunswick Cords	\$16.00
34x4 1/2 Hood, Brunswick or Mason Cords	\$24.90

Other Sizes Reduced In Proportion

These are all full oversize cord tires and are of heavy con-
struction. Prices are subject to stock on hand and are
Strictly Cash Prices.

We Carry One of the Most Complete Stocks
of Balloon, Semi-Balloon, High Pressure,
Low Pressure and Truck Tires in the State.

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