TERE is a brand new type of car,

L built in Canada by Canadians, for

Canadians. It solves the problem

which has baffled automotive engi-

neers-how to combine riding comfort

Our new Three-Point Cantilever

These are the first springs of their

Because of these springs, Overland 4

kind and they are made of chrome

vanadium steel. They are exclusive

combines the riding qualities of large,

heavy, expensive, long wheelbase cars,

together with the advantages and

With 100-inch wheelbase, Overland

The exclusive, Three-Point Canti-

4 has the luxurious riding ease of 130-

lever Springs cushion the car so that it

rides well on all roads: they reduce

choppy rebounds and side swaying,

economy of small, light cars.

with light weight and economy.

Springs make this possible.

with Overland.

f inch Springbase.

The New Motor Car

The Greatest Improvement

In Riding Comfort Since the Introduction

of Pneumatic Tires

prolong its life, minimize twisting or

racking of frame and body, enable the

The car and passengers ride smooth-

But this new riding comfort, possi-

Its light weight makes possible

High quality materials insure dura-

bility. All virol parts of the front axle

and steering gear and all highly

stressed driving gears and shafts are

likz that of expensive cars: Auto-Lite

Starting and Lighting System, Electric

Horn - Specially Resilient Upholstery

Springs-Demountable Rims-Three

Speed Transmission-Slanting Rain

Vision Windshield-Tillotson Carbu-

retor, and many other high quality

The equipment list of Overland 4 is

ly as though floating, free from road

ble only with these Three-Point Canti-

lever Springs, is but one of the advan-

great economy of gasoline and tires.

car to hold the road better.

tages of Overland 4.

made of alloy steel.

shocks.

# Newest Notes Of Science

Powder to prevent false teeth slip- Minnesota inventor has patented enping is the idea of an Ohio inventor. ables them to change the dates on Millions of ducks are killed an- a calendar at each midnight. availy in China solely to supply the Known since the twelfth century,

feather industry. For use on shallow streams an coast of Spitzbergen will not be fin-Englishman has built a tug boat ished till next year. driven by an aerial propeller.

to the hand power freight truck to distance as it, has only three markmake its operation safer. Traps that can be connected with

Europe to electrocute insects. Driven by an electric motor a port- kind ever known in England. able grinding machine for machine

In a British arsenal is a scale that weighs guns up to 100 tons with a

possible error of less than seven In the interest of cleanliness, an when concealed in a man's hand.

Iowa inventor has patented a wire Operating much like ice tongs, frame to hold a milk pail up from bracket has been invented to hold a

Double hinges in the ankles of new ervoirs for practical purposes shoes for atheletes afford additional

Several machines have been invented in England to exercise and make supple the fingers of persons ning an aerial passenger service be

other than musicians. A novelty in the penholder line is to cover the distance in seven days. a short tube to be slipped on a writer's finger with a side projection

sion of disease was entertained as tub. long ago as 1657, when Rome was ravaged by the plague.

or has patented a pouch to be sus- of oil rended from a belt.

ar beets in France as the result of to climb to open any section of a sile scientist's experiments. For golfers' practice a canvas cur- Floats have been invened by a

The Colombian Government has propeller

stations and a submarine cable from | ble to be fastened over an autom Colon to its north coast. A new pneumatic tool for cutting so difficult that theres will let off rivet heads includes a sleeve to alone. (stch them and prevent them flying

and injuring workmen. ing to a British authority, is trans- the pneumatic tube principle but c mitted to children only by mothers a larger scale.

and never by fathers. The light from an incandescent large industries a camera has bee lamp is said to be increased by the designed that photographs a person use of a new globe which contains a face, height and index number at th phosphorescent material.

A machine has been invented in In connection with a canal syste England to redress worn wooden | France has built a tunnel four and paving blocks at the rate of 1,000 | naif miles long by 32 feet wide at an hour so they can be used again. 52 feet high, one of he greatest An attachment for clocks that a the world.

the first complete survey of the west

Intended for use in sick rooms, a An inventor has added a foot brake new thermometer can be read at a

ings, for 60, 70 and 80 degrees. The recent death of a woman in light fixtures have been invented in London from a mosquito bite is said to have been the first fatality of the

An attachment to be operated by shop work-is a Wisconsin inventor's a typist's knee has been patented to push the typewriter carriage back when the end of a line is reached. ten-shot revolver small enough to be carried in a vest pocket and fired

The replacement of sugar cane by right object that its jaws can grip. cotton in some parts of Zululand is | Engineers are studying the upper being considered by planters of the Nile river and its tributaries with a view to controlling its flow with res

The heads of new thumb tacks for flexibility without impairing their draftsmen are so flat that a T square can be slid over them and the tack: are removed with a special tool. A British syndicate which is plan

tween England and Australia expect

A recently paented bath tub fixtur admits hot and cold water ssuppl piper and an overflow drain pip The germ theory of the transmis- through a single hole in the end of

Southern Russia has made sur flower cultivation an important in So that a watch will be as acces- dustry, the seeds being used as su sible as if worn on a wrist an invent- stituses for olives in the manufactur

The hinges on a recently patente Flour with which bread can be silo door are so formed as to serv made is being obtained from the sug- as rungs of a ladder to permit a mit

tain has been invented that stops Englishman o enable a bicycle to b without permitting to rebound a ball driven through the water the same a on land without the addition of

contracted for two powerful radio A patent has been issued for a ho' bile tire which makes steering a ca

An English concern plans to tran port merchandise long distance Hereditary color blindness, accord- through hydraulic tubes, much o-

For indentification of employees same time.

## SMOOTHER OPERATION WITH A LIGHTER OIL

# Winter Lubrication Is an Important Precaution at This Time.

winter served to warn many city not freeze. The best way to do the motorists that the proverbial "stitch is to use freeze proof solutions, b in time" may save nine expensive they cannot be expected to do the radiators and much needless wear work properly unless certain precau and tear on cars and on their tions are taken.

transmission and differential in the cooling system by using a bol place of grease this cold weather?" ing solution of ordinary washin is a common question just now soda, and flushing out thorough)

lighter lubricating medium for the perfect circulation. Freeze proc motor car than summer, since the sometimes uncover leaks by remo lower temperature has a pronounc- ing dirt which has filled them u ed congealing effect on oils and and then the solution is blamed for

It is better to use heavy oil in cleaning out before using any sold both the transmission and differention. tial in winter in place of grease, gen- | Secondly all leaks should be re erally used in summer. In the en- paired and all packings and gasket gine, also, a lighter oil is often tightened. It is of the utmost importound more satisfactory in cold tance that the cooling system b weather. Now is the time to have light, and attention should be pai the engine oil drained and the oil- to this several times throughout th

The same applies to the transmis- should be replaced before usin sion and differential gears. It will freeze proof solutions, using whit be a little more work to wash the lead to make tight all hose connec bard grease from these gears than tions. A tight cooling system is at it is to clean the engine, but the solutely essential to the satisfactor. extra work this requires will be re- use of freeze-proof solutions. paid by the smoother operation it | When using freeze proof solution

Back to the Road.

England during the first days of the ator should be filled up to within two great railway strike would certainly or three inches from the top and have been worth having, even at a kept at this level. Then the moto cost. The conveyances which turn- should be started and run for a fer ed out on the roads with such re- minutes to thoroughly distribute the markable speed were almost as var- solution throughout the cooling sxs ied in point of shape and date as they tem. It is a good plan to alway were numerous. The war period saw warm up the motor thoroughly be some odd-looking vehicles in London. fore starting out on a cold day. Los but nothing like to the extent of the sesoin quantity of solution in the ra last few days of September. In fact diator can be filled up in two ways no more curious collection of wheels has been seen at one time trundling Losses from leaks should be filled their way from town to country or up with a solution of freeze proc from country to town. Of all the solution, and losses from evapora amusing spectacles possibly the tion should be filled up with water quaintest was that of a dozen of ministers cycling along the Welsh roads there should be no difficulty in prein top hats and frock coats to take up Sunday duty at a distance.

Argentina is one of the few important countries lacking coal mines

purifying and tonic medicine, Hood's Sarsaparilla, which corrects the acid condition of the blood on which that the car owner must devote some rhenmatism depends, and gives never the many to be part shall be mushed out with kerosene before new oil is washer. Simply hook the ends of washer. Simply hook the ends of taking up the play is to place the play is to place the play is to place the play is to contract the washer so oil, and unless he has a specially contract the braking system.

take Hood's Pills. Purely vegetable, boilers exploded.

ing system washed out with kero- winter. If the hose connections on th sene and refilled with a lighter oil. | cooling system are not new, the

the solution should be mixed thor oughly in hot water, the amount be ing judged according to instruction A bird's eye view of the roads in received with the solution. The rad according to the cause of the loss venting the radiator freezing in even the coldest weather.

PROPER LUBRICATION

If a cathartic or laxative is needed Grant in mid-Atlantic. The vessel's

FREEZE PROOF SOLUTIONS

Instructions Which Will Make The: When Temperature Falls. As winter approaches the therm.

meter is falling, and motorists wi use their cars all the year round a looking around for some meens Last month's threats of an early ensuring that their radiators wi

In the first place, all dirt, scal "Should I put heavy oil in the and sediment must be cleaned from afterward. One reason for this is th Winter requires the use of a it will prevent clogging and will gi the leak, Prevent this by thorough!

SUGGESTION TO MOTORIST

Owner Must Study His Vehicle to

be punctual.

Master its Oil Needs.

The term proper lubrication has no very exact meaning for the average car owner and yet it can be defined exactly. It means the quality of the same to What Thousands Have Found Gives fined exactly. It means the quality simply tool that can be made by any thod is the use of coal oil, but in Relief From This Painful Trouble. of oil needed by the individual part. | ar | yner. Take a pair of round- investigating this method the Auto-Relief From This Painful Trouble.

Rheumatism is a constitutional dissasse, manifesting itself in local aches and pains, inflamed joints and stiff muscles. It cannot be cured by local of external applications. It must have constitutional treatment.

Take a course of the great blooding and tonic medicine. Hood's out with kerosana before new off is many objection and the proper quantity, neighbor five or six inches long mobile Club of Canada has found many objectionable features. In the law near the end and then reduce the diameter of the jaws until they will just slip into the holes in the boiling point of water is 212 depaired on the proper quantity, neighbor five or six inches long mobile Club of Canada has found many objectionable features. In the law near the end and then reduce the diameter of the jaws until they will just slip into the holes in the boiling point of water is 212 depaired. The condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it the implication that the cranical condition carries with it is easy to rethord the foundation carries with it is easy to rethord the foundation carries with it is easy to rethord the foundation carries with it is easy to rethord the foundation carries the distinct of the foundation carries with its easy to rethord the foundation carries with its easy to rethord the foundation carries and the foundation carries with the carries of the proper quantity, neighbor carries and the foundation carries with the ca rheumatism depends, sind gives permanent relief. This medicine combines, with excellent alteratives and
tonics, what is generally conceded to
be the most effective agent, in the

Distress calls were received at
treatment of this disease.

The car owner must devote some
study to his particular vehicle in
order to master the tunication needs
that it may be drawn out of the
structed and properly installed type
that the car owner must devote some
study to his particular vehicle in
order to master the tunication needs
that the washer so
oil, and unless he has a specially conthe shackle, or the places in the braking system.
These parts cannot be properly cleanby running a screwdriver point afound the edge.

Distress calls were received at
Roston from the day a specially conthat the washer so
oil, and unless he has a specially conthe shackle, or the places in the braking system.
These parts cannot be properly cleanby running a screwdriver point ager is more pronounced in cases where
moderates. Glycsrine and alcohol
by tightening the part cannot be properly cleanby running a screwdriver point ager is more pronounced in cases where
moderates. Glycsrine and alcohol
by tightening the places in the braking system.
These parts cannot be properly cleanby running a screwdriver point ager is more pronounced in cases where
moderates. Glycsrine and alcohol
by tightening the parts cannot be properly cleanby running a screwdriver point ager is more pronounced in cases where
moderates. Glycsrine and alcohol
by tightening the part of the structed and properly
that the shackle, or the play may be re
moved by tightening the parts
and the shackle, or the play may be
the shackle, or the play and
the shackle, or the play an and water in varying percentages, belt generously. The punctual man helps others to according to the temperature under be punctual. which such anti-frezing mixture is Don't awear off—simply auti-

required, as well as many of the;

struction is disregarded and the engine is speeded up beyond the speeds which are indicated as the safe run-Spring shackles play or looseness ning speeds you are inviting trouble, stween the spring, end and the shackle may give much trouble until vents rusting, and certainly goes a

lasting finish. Overland 4 has been tested for two years and more than 250,000 miles over

In every respect Overland 4 is a

quality car. The body is all steel, all

enamel, the brightest, hardest, most

the Rocky Mountains, prairies, through deep mud and scorching deserts-through quick, sharp climatic changes. As a result of these tests we were able to judge the car's performance under every condition and to perfect it before offering it to the public.

There is no previous car of any size or price to adequately compare with the character of service Overland 4 introduces.

The farther you ride in it the more you will appreciate it. Come in and get a Booklet. The demand for Overland 4 will be greater than the supply for some time. Overland 4 Touring. \$1195; Roadster, \$1195; Coupe, \$1845; Sedan, \$1995. Prices f. o. b. Toronto, War Tax included.

# protect the car from road shocks and conveniences. Wheelbase

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All Prices Subject to Change Without Notice

The subject of anti-freezing mix- anti-freezing mixtures on the market. A cold motor should be warmed dotorist is Told How to Remove Hub tures now begins to occupy the at give good results, but the owner up slowly, as it is dangerous and

epairs and expense.

Mud Gathers in Brakes.

long way toward making for better

handling and car oberation.

# race an old engine. - Where this in-

FBATEERS. NOW. SEE US. EXPERTS.

Kingston Mattress