

TOWN THE ROAD

By Beck



The Outcast.

Heals Inflamed Nostrils, Stops Catarrhal Discharge, Relieves Colds Quickly

You'll be pleasantly surprised at the quick action Catarrhose has upon Catarrhal conditions in the nose or throat. It is so soothing, so healing, so agreeable to use, so safe and reliable that thousands praise it and use it everyday. No nasty medicine to take—you just breathe in the balsamic vapor, the healing essences of Catarrhose and feel better at once. Catarrhose is breathed through the inhaler into every air cell in the lungs, into every air passage in the throat and nostrils. No matter where the cold or Catarrh, Catarrhose will reach it. You can keep free from coughs, colds, bronchitis and the like by using Catarrhose. Two months' treatment One Dollar; small size, 50c. Dealers everywhere, or the Catarrhose Co., Montreal.

OVER ICE FROM GALLOUP

Employees of Fox and Game Company Make Visit to Mainland.

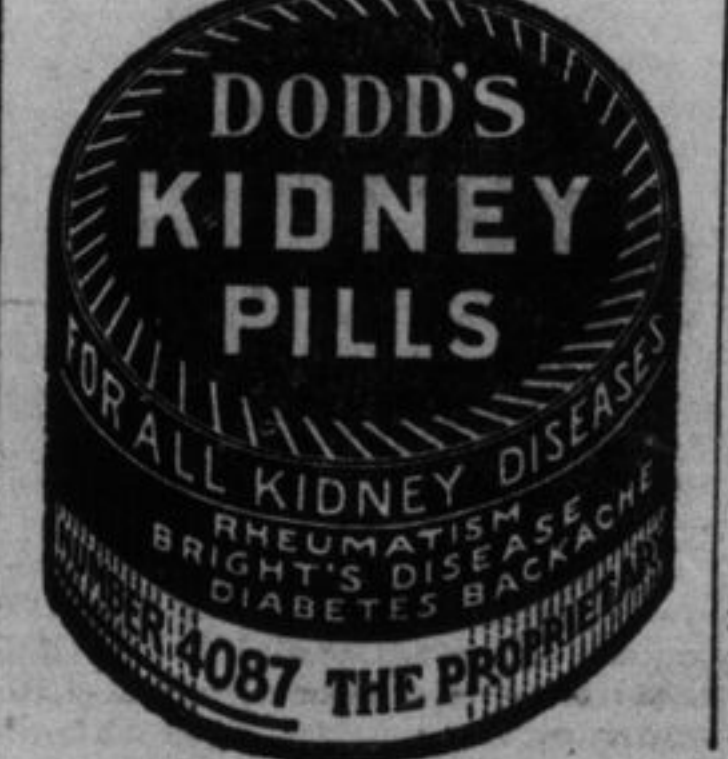
Watertown, N.Y., Feb. 11.—After a passage of eighteen miles over the ice to Sacket Harbor, two employees of the Ontario Stock Farm Corporation reached Watertown yesterday and called upon Charles A. Phelps and other members of the company before starting upon their return. They procured a supply of provisions and reading matter to take back to Galloup Island, far out in Lake Ontario.

Life upon the island during the winter months is quite akin to the existence of an Eskimo colony within the Arctic circle. For months the island is surrounded by an ice pack, which during many weeks makes a trip to the mainland impossible. Only when the ice is solid can it be used for passage, and there are long periods during the late fall and early spring sometimes extended through the winter when the ice is so broken that it is impossible. In May, 1920, the light keepers on the island reached Sacket Harbor by power boat after having been marooned since the previous December.

Since the establishment of the fox and game farm by the Ontario Stock Farm Corporation more permanent residents are required on the island and life is a bit less monotonous. Previous to this there were four families on the Galloup the year around, representing some 14 or 15 persons. Being within only a few miles of the mainland at Stony point and Point Peninsula, and a less distance from Stony Island, inhabitants of the Galloup have a sort of advantage over the three or four residents of the Main Docks in Canadian waters and near the center of the lake. Yet it is related that a young man from the

Ducks once made the trip to Sacket Harbor over broken ice, pushing a punt equipped with runners where the ice permitted, and paddling through intervening channels. The fox farm employees reported that red foxes have denuded the island of the pheasants, which the company has proposed adding to their

game breeding activity. Foxes came to the Galloups in the winter over the ice from Stony Point and have taken refuge in the thick evergreen timber which clothes a portion of the island. Great difficulty is being experienced in exterminating them. The Mallard ducks are protected by pens and are safe from the depredation of the animals, and the silver gray foxes are likewise inclosed.



It has been said that every possible necessity of a man's life, except the water he drinks and the air he breathes, may be supplied either directly or indirectly through the use of petroleum products, and even water may be pumped by a gasoline engine.

Salt beds covering an area of forty square miles exist in Nova Scotia. One bed alone is said to be 900 feet wide and 80 deep.

In buying poultry in the market remember that the good always die young.

A man may be fast asleep, but rather slow when awake.

HINTS FOR THE MOTORIST

By ALBERT L. CLOUGH

Minimising Damage From Collision

Let A Bumper, Instead Of Weaker Parts, Take The Shock

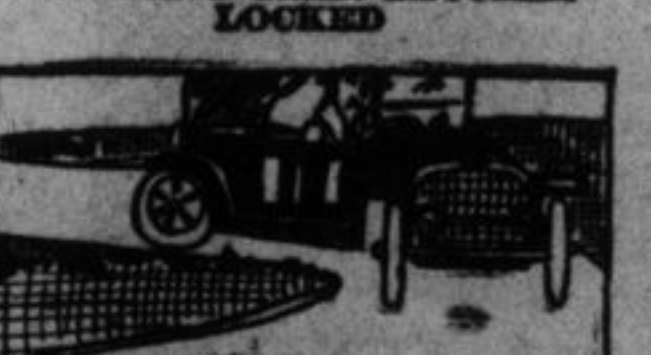
WITH THE NUMBER OF MOTOR VEHICLES in use increasing as rapidly as it is, the danger of being run into and of running into other vehicles is daily becoming more acute and it seems strange that the collision bumper has not come into more universal use, as it certainly has proven itself of value in moderating the damage sustained when a car strikes anything. While it offers no protection to a car which is struck broadside by another, it does tend to protect the car which does the striking and this kind of collision is, in fact, of rare occurrence. The bumper does ameliorate the destruction wrought in head on or in rear collisions and even in cases in which cars come together or strike fixed objects, at considerable angles. When it is considered that two of the most vulnerable as well as the most vital parts of a car, namely the radiator and the gasoline tank, are located in very exposed positions, at its front and rear ends respectively, and that the majority of collisions endanger these parts, the utility of the front and rear bumper becomes apparent. The bumper is not only a sort of fender, but it is a "shock absorber" of the spring type—its cross-bar either being itself made of spring metal or else being backed up by very heavy springs. By virtue of this resilient construction, the energy stored in the moving vehicle, which would otherwise be expended in destructively breaking and bending the car parts, is instead, in a considerable extent harmlessly diverted into flexing the bumper or its springs, this energy being stored for an instant in the springy parts and then given out as force causing a rebound. The side frame members being the main structural parts of a car, the bumper is attached to their ends and collision stresses, greatly moderated by the bumper springs, are imposed upon these relatively strong members instead of upon weak and vulnerable parts.

SUGGESTED ANTI-FREEZER LIQUID

A. A. B. writes: Considering that ordinary alcohol boils at 78° C. and thus soon evaporates from an automobile cooling system, would not normal propyl alcohol, which boils at 97° C., or at a point only slightly lower than water, be likely to prove superior? No doubt it is expensive at present, but would not demand create a supply at lower figures?

Answer: Our chemical knowledge is limited, but we believe that the freezing points of alcohol-water mixtures are not predictable with certainty, but are ascertainable

STEERING GEAR BECOMES LOCKED



J. J. S. asks: What is it that sometimes causes the front wheels of a Ford car to lock in the fully turned position and how can this tendency be eliminated? I sometimes find it quite difficult to straighten the wheels after going around a sharp curve.

Answer: This is usually caused by disarrangements which permit the steering-connection rod to be moved so that it comes into the same straight line with the steering arm on the right wheel. When this happens, the rod and the arm, simply push against one another instead of the former turning the latter, and the gear locks. Breakage of the pin, which positions the front spring with relation to the car frame, may allow the whole front axle to slide over to the right side and, if this happens, the steering connection rod will "line up" with the steering arm of the front wheel, as above described. Also, if the steering-connection rod becomes badly bent, thus reducing its effective length, the same steering will be produced. You better make sure that your front spring has not shifted relatively to the frame and that there is no bend in the connection rod.



only by experiment and it may be that the propyl alcohol mixture would not afford the required protection. As you suggest, normal propyl alcohol is hardly commercially obtainable, but isopropyl alcohol—the "petrolol" of one of the large oil refining companies—we understand is or soon will be obtainable in quantities and you could experiment with this liquid, which we believe boils at 117° F. Some tests have been made with this material, we believe. Unless there is some source of normal propyl alcohol, of which we do not know, we cannot see how it could be made plentiful and cheap.

Questions of general interest to the motorist will be answered by Mr. Clough in this column, space permitting. If an immediate answer is desired, enclose self-addressed, stamped envelope.

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Absolute Evidence in Favor of Ground Cylinders
All high grade automobile engines manufactured in this country as well as in Europe have their cylinder bores finished by grinding. Some of the American cars that might be mentioned are:

Apperson	Hudson	Pearless
Brewster	Kissel	Pierce Arrow
Cadillac	LaFayette	Rolls Royce
Cunningham	Lincoln	Standard
Corris	Locomobile	Stevens Duryea
Franklin	Marmon	Stutz
Haynes	Mercer	Templar
Holmes	Packard	Winton

In fact, 84% of all the manufacturers of pleasure cars use engines with ground cylinder bores, and 91% of the commercial motors are ground. Heald Machines are used exclusively.

Automobile owners have one of these Heald Cylinder Grinding Machines, and can guarantee first class work. Ground Cylinders is a selling point with many cars.

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COST NO MORE THAN OTHER MAKES.

Every year is a Ford Year
but the Spring of 1922 will break all previous records. Additional men are being taken on at the Ford Plant, Ford, Ont., in an effort to cope with the demand, but the only way to make sure of your Ford in March or April is to place your order NOW.
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