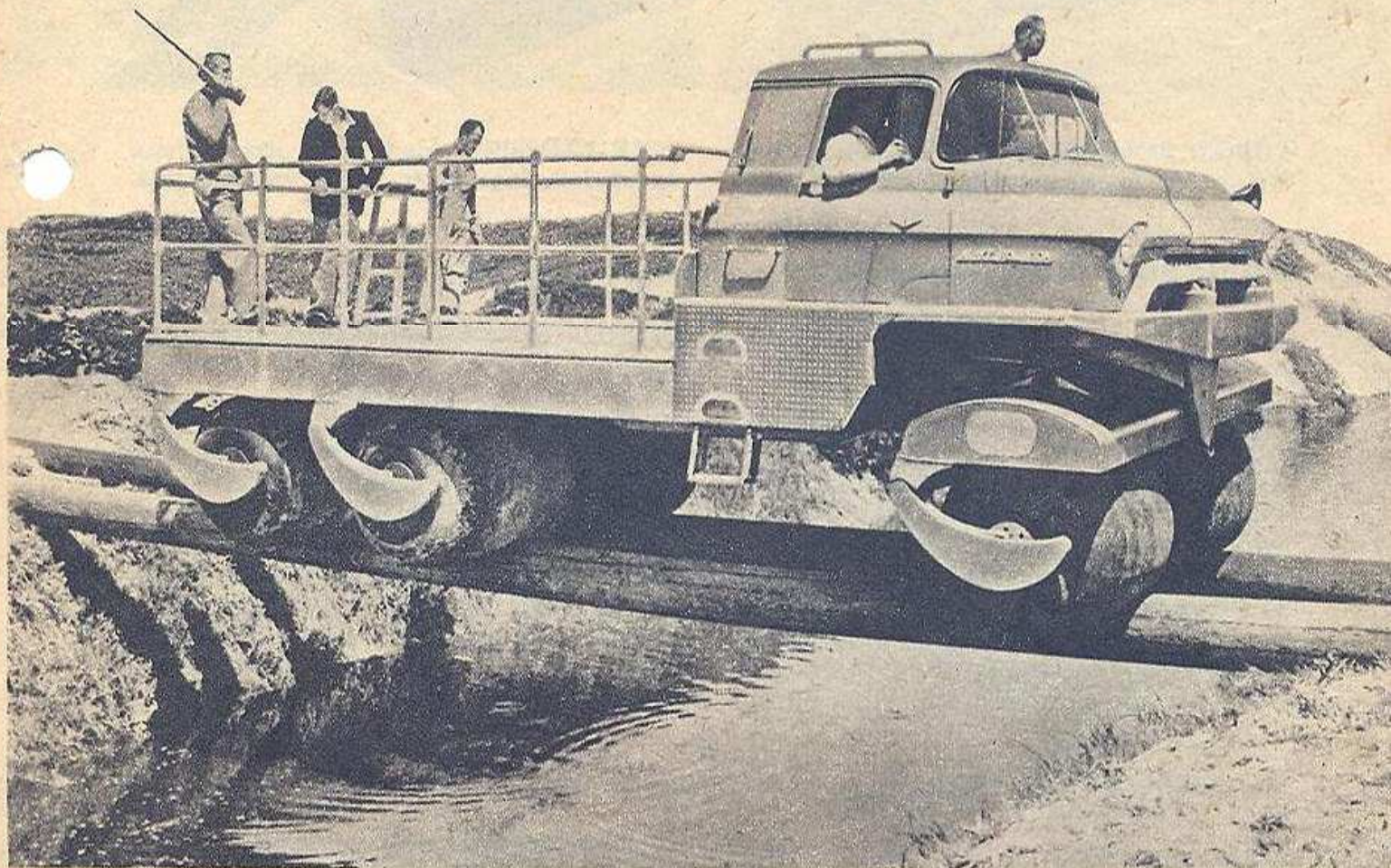


PILLOW-WHEEL TRUCK GOES ANYWHERE



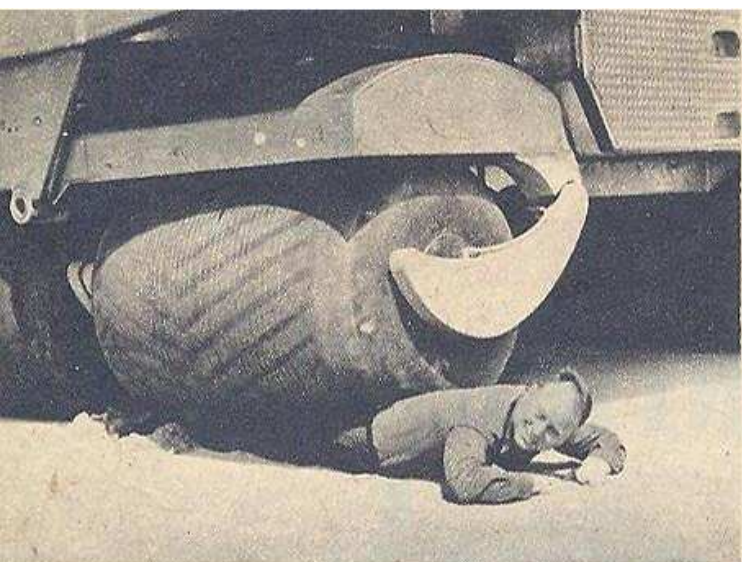
DAREDEVIL DRIVING is a lead pipe cinch on these limp blimp rollers.

*Mcnamara
Illustrated December 57*

IN the February 1957 issue of *MI* we presented Frank Tinsley's notion of a great travel experience of the future—a trip in a land ship that would traverse tundra, bog and desert with equal ease. Here is a new version of the go-anywhere buggy that is now in actual operation. Like the Tinsley wagon, this will run over your back without squashing you. What is the secret of the wonderful Rolligon? It all goes back to the Eskimos. Ages ago they solved the problem of hauling

SWAMP where gnats sink to their kneecaps is smooth as a turnpike to a Rolligon.





PUDGY ROLLERS spread seven-ton truck weight out to two pounds per square inch.



POLE CLIMBING truck goes like a lynx up smooth logs at a 70 per cent incline.

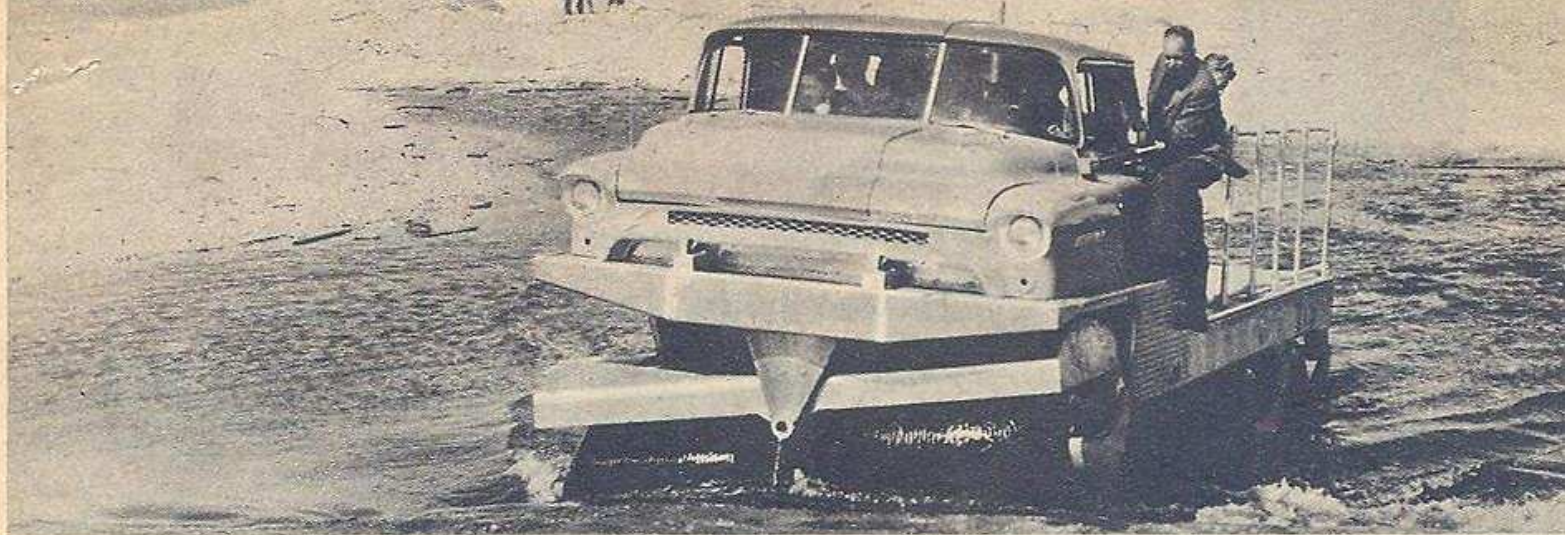
Squidging along on its saggy airbags over all kinds of ground, Rolligon makes off-road history.

immense weights over unpaved terrain: big walrus hide bags partly filled with air. Back in 1951 an old Arctic hand named Bill Albee began figuring out a way to use similar airbags instead of wheels in a powered vehicle. The answer to this problem is embodied in the present Rolligon vehicle being made by the Albee Rolligon Company of Monterey, Calif. In the closeup of the roller on the

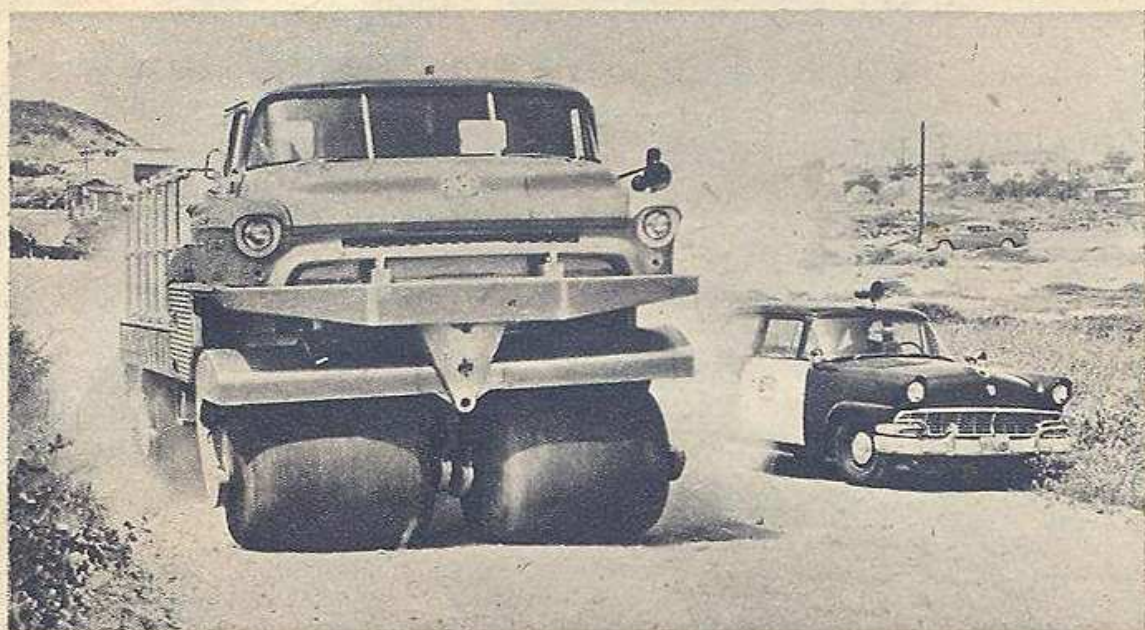
opposite page you will see another smaller roller on top of the big one. The little roller is transmitting drive to the supporting one. In wheeled power vehicles weight and drive are transferred to the axle rather than to the top of the wheel. For working out the principle of top drive and top loading, Albee deserves at least as much credit as the Eskimo who invented the airbag. •

GREAT BIG STONES break no bones, make no obstacles for Rolligon's airbags.





WADING and floating are easy. Spinning bags only partly propel it when floating.



SPEEDING through radar trap at 41.6 mph top speed during hard surface test.

HILL CLIMB: she'll take an 82 per cent grade through weeds, 60 per cent on sand.

MOUNTING vehicle on rollers and supplying drive to them were the tough jobs.

