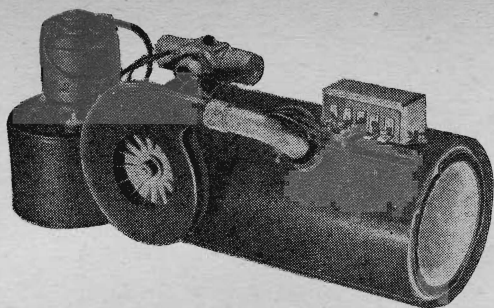


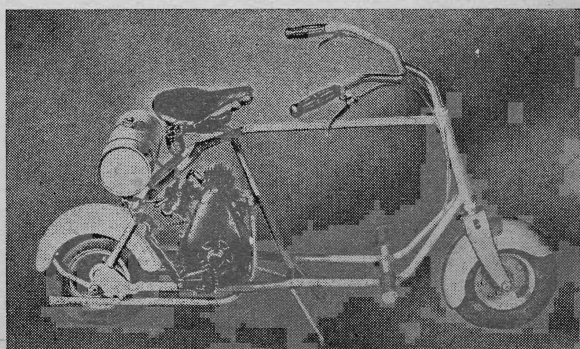


AUTOMOBILE HEATERS haven't been in the "new ideas" category for many years. The "South Wind" Heater (above), made by Stewart-Warner Corp., is new. It's mounted under the hood, and has an air intake near the radiator. The heater burns gasoline to warm the air, which is sent back through ducts to outlets at the windshield and under the front seat.

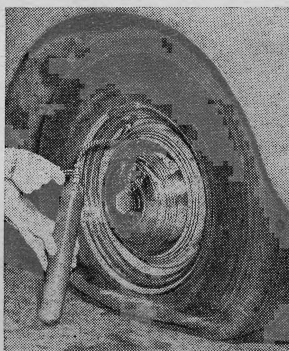
1946 ROTZELL SEDAN is the answer by Edward P. Rotzell, Philadelphia mechanic, to the shortage of new cars. He built this low-slung job from parts of half-a-dozen makes. Here he's off through what once was the window of his shop, to road-test his car.



MOTOR SCOOTERS are getting lighter and cheaper to run. The "Scootercycle" made by Mead Cycle Co., Chicago, uses aircraft tubing for the frame, and ready to ride weighs only 83 lb. Future plans are to reduce the weight to 50 lb. It is said to run 100 miles on a gallon of gas. The engine is $1\frac{1}{2}$ hp, and develops 35 m.p.h. Levers under the handle bars operate gas and brake pedals. The clutch is automatic, leaving the feet free. A wire delivery basket can be mounted over the front wheel.



AUTO IDEAS



FIGHTING A FIRE

FILLING A TIRE

"BOTTLED POWER" in a small cylinder has been marketed to help drivers in two automobile emergencies—fires and flat tires. The "power" is carbon dioxide, well known as an effective gas for putting out fires, but new as a gas for filling tires. A small hose connects the cylinder to the tire valve. According to Beacon Devices, manufacturer of the gadget, the gas actually prolongs tire life by preventing oxidation of the rubber. The gas is odorless and will not stain clothes.