



**Legless Man Tours in Goat-Cart**

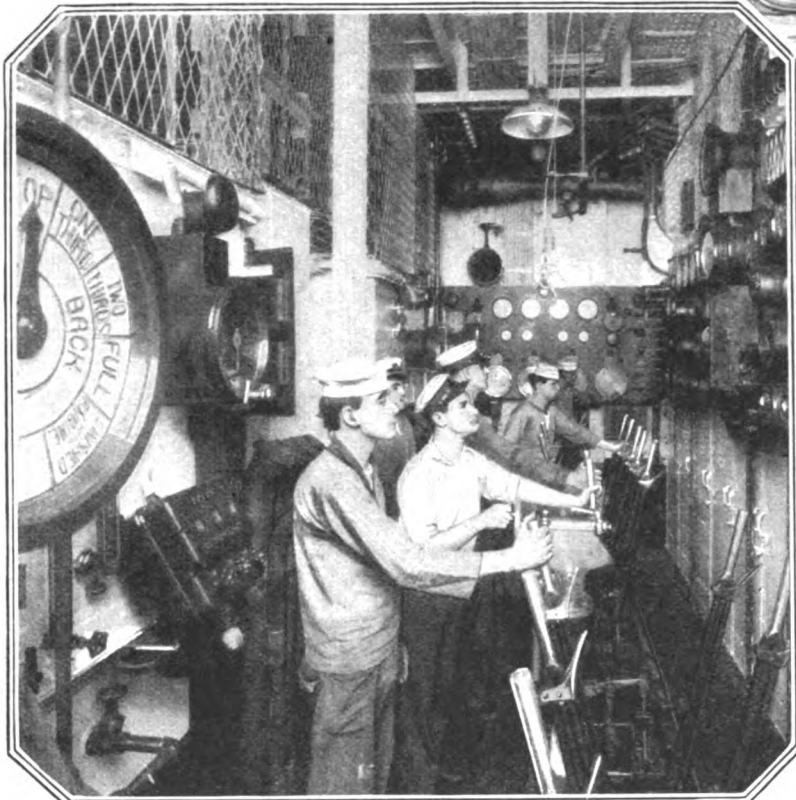
BETTER known as "Overland Jack," John Rose, of Texas, cannot walk a step, but he has traveled 20,000 miles behind his team of goats.

Rose's legs were cut off in a street-car accident in his boyhood, yet in spite of this handicap, every year from April to November he may be found on the open road, driving from town to town selling picture postcards of himself. That buyers are plentiful is shown by the fact that he owns two farms and has a respectable bank account.

The team averages ten miles a day, pulling a 600-pound camping outfit. Rose sleeps in his wagon on the road. To get in, he grasps the top of the wagon bed with one hand, the wheel with the other, then swings his body in. To get out, he simply falls forward and alights on his hands.

He has proved that a man can make his way in the world without even a leg to stand on.

AN automatic valve that will drain auto radiators when the temperature nears the freezing-point has been invented by a French engineer.



**Electric Superdreadnaught Controlled by Levers**

THE "engine-room" of the electrically propelled superdreadnaught, *Tennessee*, resembles a railroad switch-house. Within a space about 20 feet long by seven feet wide, every movement of the battleship is controlled. The propelling machinery, for example, can be reversed from full speed ahead to full speed astern in less than a minute by pulling a set of levers.

At the extreme left, in the photograph above, is the big dial of the mechanical telegraph, installed for use in an emergency; but ordinarily orders from the bridge are communicated electrically.

**Auto Exhaust Is Rat-Killer**

A TEXAS automobile owner has discovered a novel method of exterminating rats. First, he closes all doors and windows of an infested building; then he attaches one end of a long tube to the exhaust pipe of his auto, and inserts the other into a small opening in the building. Then he starts the engine of his car, and by allowing it to run with a heavy mixture of oil, produces in an hour or so enough carbon monoxide to suffocate every rat in the building. Care is taken later, of course, to air the building thoroughly.

This effective use of exhaust gases in killing rats emphasizes, by the way, the danger of running a car in an enclosed space. Carbon monoxide is colorless and odorless, and gives a person no warning of its presence except a slight headache. It attacks the hemoglobin of red blood corpuscles, forming a chemical compound that makes them unable to absorb oxygen from the air. From prolonged exposure to carbon monoxide, a man may die even after reaching open air.

**Motor-Truck Hauls Sleeping-Cars for Telephone Linesmen**

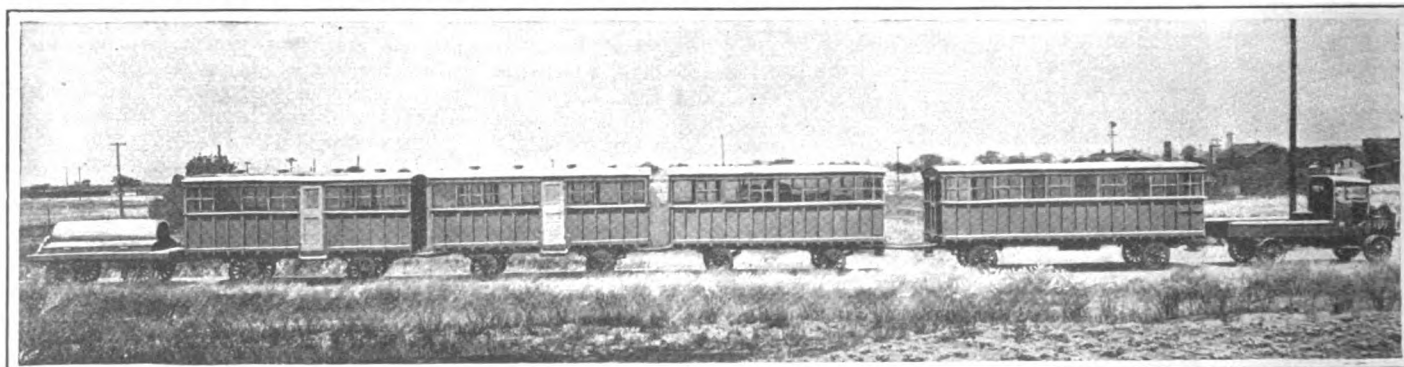
LINESMEN stringing telephone wires for one telephone company on the Pacific Coast work in comfort, for their truck pulls a string of light utility trailers that are sleeping-cars, diners, and offices. Even their water supply is carried in a

tank-car at the rear. In fact, the crew is wholly independent of permanent living accommodations in the sparsely settled districts where most of the work is done.

The living-train stands by the roadside while the men go out in the truck to the

scene of the day's work, returning to take their meals at the horseshoe-shaped lunch-counter.

A second truck train carries all the equipment that linesmen need, such as poles, wire, and tools.



The linesmen's train, hauled over the roads by a motor-truck, includes sleepers, dining-cars, and offices—even a water-tank in the rear. The trailers carry all provisions for the crew

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