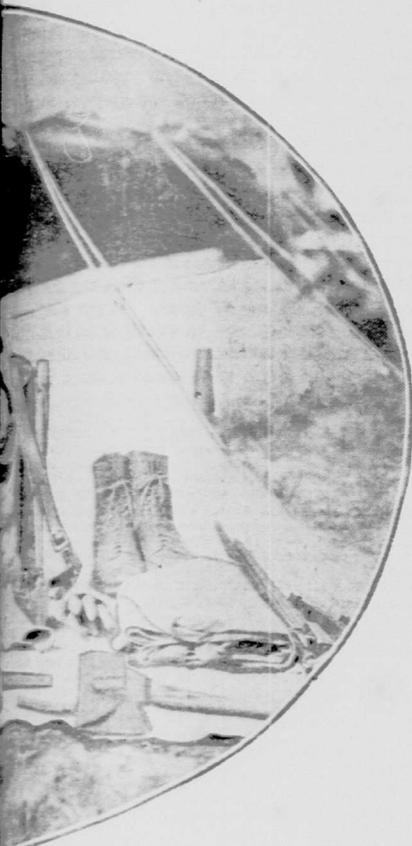




THE FIELD BAKERY AT CAMP ROOSEVELT.
Men from the Army School for Bakers, at Washington, bake 2,500 loaves a day here for the camp.

SIGNAL CORPS TO THE FIELD.
On extreme right.



NEW UNITED STATES ARMY "PACK."
It weighs a lot and holds a lot.

days of preliminary skirmish fighting and also on the occasion of the big battle. It is their duty to observe whether the men fight in proper fashion. Useless standing up and bunching together and the needless exposure of the body to the enemy's fire are reprimanded.

The signal corps under Captain Gibbs and Lieutenant Kent is employing in these manoeuvres a specially built kite for wireless telegraphy. It is 10 by 13 feet, made of white silk dipped in cornstarch to stiffen the material. The novel constructive feature of the kite is a large hole cut in the centre, which holds it steady in the air without the customary tail. While up in the air, by means of a small wire, messages are daily sent and read as far away as Philadelphia, over one hundred miles. The kite is paid out on a thin wire and soars up from a quarter of a mile to one mile.

In the line of transportation the latest contrivance at Camp Roosevelt, as the place is called, is the new automobile ambulance, the first one to be built for the hospital use of the medical department of the army. This is on the touring car order, having a speed of fifty miles an hour. Four patients lying on the floor and two more suspended from the top on litters can be carried at a time, or fourteen can be conveyed in a sitting posture. The machine cost \$3,600, and has had a 3,000-mile test already and is said to be able to go over any country that an ordinary four-mule ambulance can. A patient can be conveyed from the temporary field hospital to the base hospital, usually twenty miles in the rear, in less than twenty-five minutes, in contrast to three or four hours by mule team.

While undergoing an official speed test from Washington this flying ambulance, as it rushed through a rural town near Harrisburg, ignored a country policeman's command to halt. The latter wildly sprang to the nearest telephone to call up his brother official at the next town, asking him to nab the swiftly approaching ve-

hicle. Hardly had the second constable hung up the receiver when he rushed out in the middle of the road and with hat and red bandanna flagged the machine and told the party they were under arrest for speeding. The chauffeur, when he saw the red handkerchief, thought there was danger ahead, so stopped his machine. A young recruit, who was being taken to the camp in the ambulance, was adroitly turned over as the chief offender. He was taken into custody, though not to prison, and the auto-ambulance continued on its journey to camp. When the ruse was discovered the enraged constable called up Mount Gretna, and a lieutenant was dispatched with money to pay Uncle Sam's fine and the innocent recruit was released.

Probably one of the most interesting of the new appliances at Camp Roosevelt is a complete field hospital tent, with medical accessories, hundreds of bandage rolls, tent poles and axe, all arranged as a horse pack. The horse carrying it is intended to be led. He can get at places inaccessible to an ambulance of any kind. This was invented by Captain H. L. Gilchrist, assistant surgeon, U. S. A., in charge of the base hospital at the camp.

Captain F. J. Koester, in charge of the army school for bakers and cooks at Washington, has established a modern field bakery at Camp Roosevelt, and his men turn out about 2,500 loaves of bread daily, about half the amount consumed at the place. These cost 2½ cents a loaf. Captain Koester graduates about sixty cooks and bakers a year from the Washington school, there being a great demand for army cooks. The officers of the visiting militia get lessons in the field bakery at night in the art of bread making.

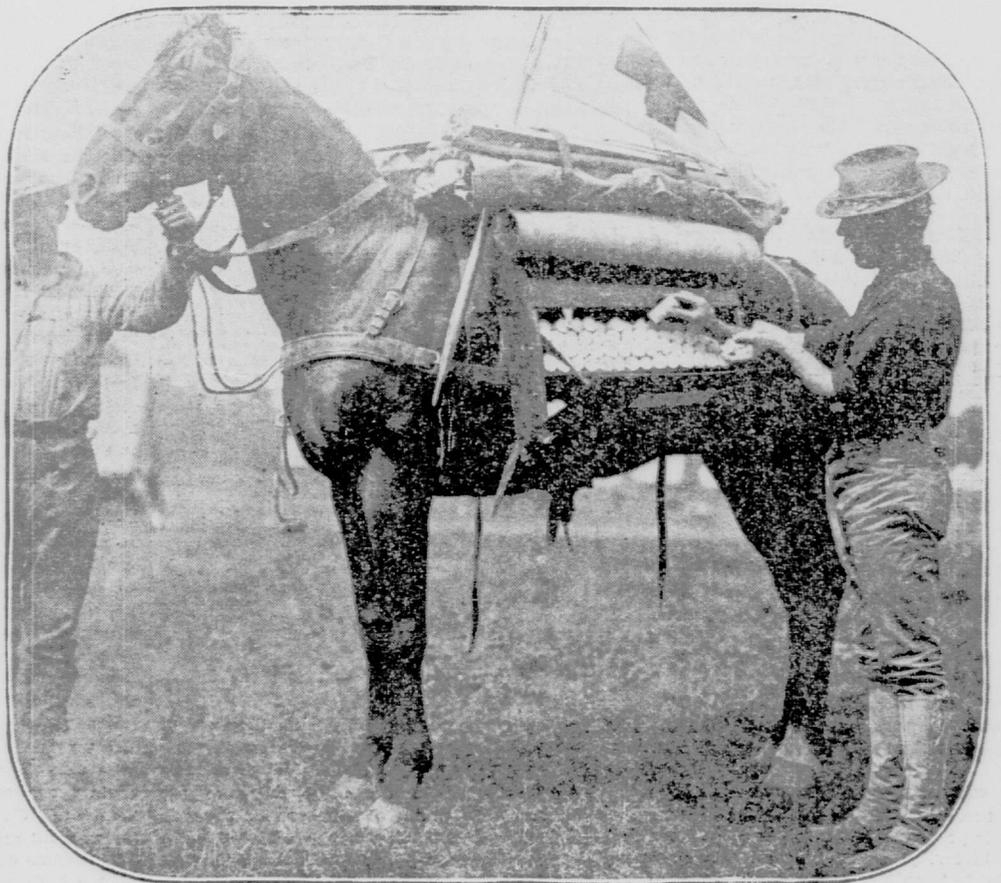
The fireless cooker recently adopted and now being experimented with is a good deal of a success. It is a square, boxlike arrangement, lined with heat retaining asbestos or mineral wool. Food is partly cooked in the usual way and

Continued on eighth page.

ARMY "PACK."
Including spade, pick and axe.



AMBULANCE.
Speed fifty miles an hour.



NEW PACK FOR FIELD HOSPITAL.
It contains medicines, bandages and tent. Carried by a led horse.