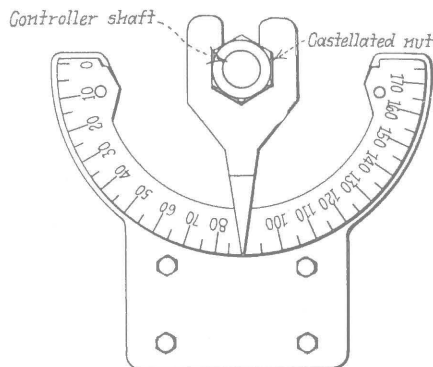
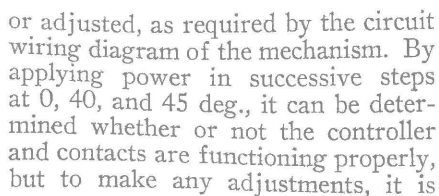


KINKS

Controller Adjuster

J. L. BRYANT
Los Angeles, Cal.

THE accompanying illustration represents a device for adjusting G.R.S. Model-2A semaphore signal mechanism circuit controllers and contacts, where there are holes provided for mounting Veeder operation counters on the mechanism. The assembly of this adjuster includes four short 6/32-in. machine screws with two nuts each, one 3¼-in. protractor, three small rivets, and a small piece of No.



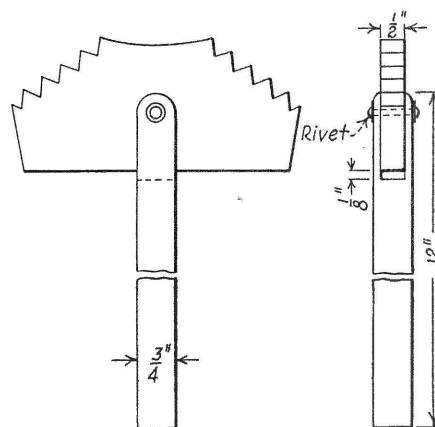
better to operate the mechanism by hand. The adjuster that I made and am using has proved a quick means of determining the positions of the mechanism when making torque tests.

Signal Lens Cleaner

IRWIN W. CAMPBELL

Signal Maintainer, Independent Subway
System, New York, N.Y.

ACCOMPANYING is a sketch of a device I made recently for cleaning the inside of signal lenses. The device is made of 1/2-in. hard wood, and is fitted with a round handle about 12 in. long. It is fastened in a slot in the handle by means of a rivet, leaving a clearance space of about 1/8 in. between the device and the bottom of the slot, to permit flexibility. In use, a small



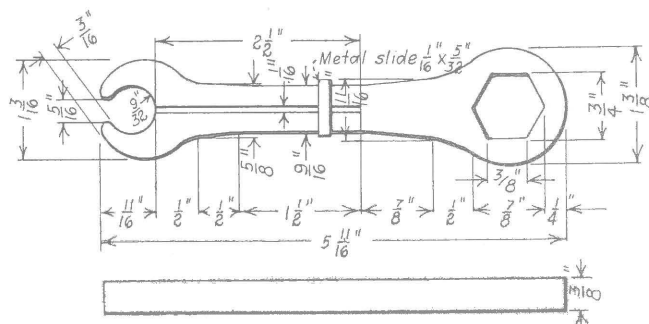
Combination Wrench

JOHN LOOS

Signal Maintainer, Chicago, Burlington
& Quincy, Lincoln, Nebr.

THE accompanying illustration represents a combined insulated fuse puller and storage battery terminal wrench which I made from a fibre end post.

On one end is a pair of semicircular jaws which will spread easily over a half-inch cartridge fuse. The metal slide is then moved to the neck of the jaws, locking them on the fuse. The fuse can then be pulled from its clips and another one replaced without



Adjuster applied to 2A mechanism

20 gage sheet metal. The 6/32-in. machine screws are used to attach the device to the mechanism, which places the scale in position below the circuit controller drum shaft and castellated nut. The important factor in making this device is to get the would-be center of the protractor in line with the center point of the circuit controller shaft.

By placing the indicator pointer in the vertical position below the castellated nut, and setting at 0 deg. on the protractor scale, the various positions of the circuit controller can be checked