



TRADE AND COMMERCE  
CANADA

STANDARDS DIVISION

OTTAWA.....June 9, 1958.....

APPROVAL LISTING

TOLEDO DIRECT DIGITAL SELECTOR WITH ELECTRICAL READ-OUT

Under the provisions of the Weights and Measures Act, Chapter 292, R.S.C. 1958, and Regulations thereunder (P.C. 6894), the apparatus specified and illustrated herein has been listed as an approved device and may be used in Canada in accordance with the conditions applicable.

**Apparatus Listed:** Direct digital selector with electrical read-out Model 9330 for remote registration when installed on approved types of Toledo dial scales, manufactured by Toledo Scale Company, Telegraph Road, Toledo Ohio. U.S.A.

**Capacity:** Equal to the dial scale on which it is installed.

**Application:** Remote registration of Weight in wholesale trade, shipping, receiving and industry generally.

**Conditions:** As prescribed in P.C. 6894. To be installed on Toledo 20" dial scales and used in conjunction with specially adapted adding machine, tape punch machine, card punch machine or typewriter.

**Description:** This device is a combination mechanical and electrical converter which provides remote recording of 20" Toledo dial scale weight registrations.

The device is arranged to mechanically select a code from a molded 13 1/2 inch vinyl disc attached to the scale indicator shaft and set up the result on a series of commutators so that the result may be transmitted electrically to a set of solenoids in the recording machine.

The vinyl disc is located at the back of the chart and has a series of circumferential bands of ridges corresponding to the graduations on the dial. The code representing the dial registration is selected mechanically by selector pins mounted one above the other facing the vinyl disc and match the ridges on the disc when making contact. The positions assumed by the selector pins, set up electrical contacts which cause electrical signals to be transmitted to the recording units. Below the head housing and to the rear of the scale is a metal cabinet containing the timer, relays, magnetic mercury switch, resistors and rectifiers. The time required for read out approximates 1 1/2 seconds.

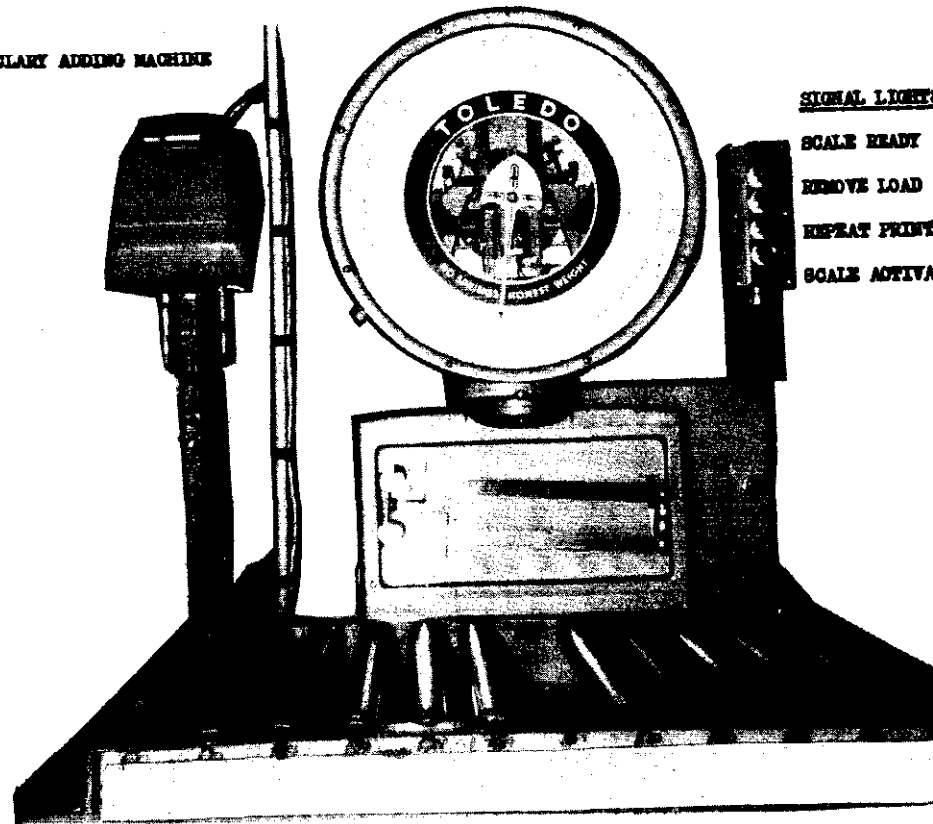
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DIRECT DIGITAL SELECTOR WITH CLARK ADDING MACHINE

SD-WA. 389

SCALE MODEL 2181

CLARK ADDING MACHINE



SIGNAL LIGHTS

SCALE READY

REMOVE LOAD

REPEAT PRINT

SCALE ACTIVATING BUTTON