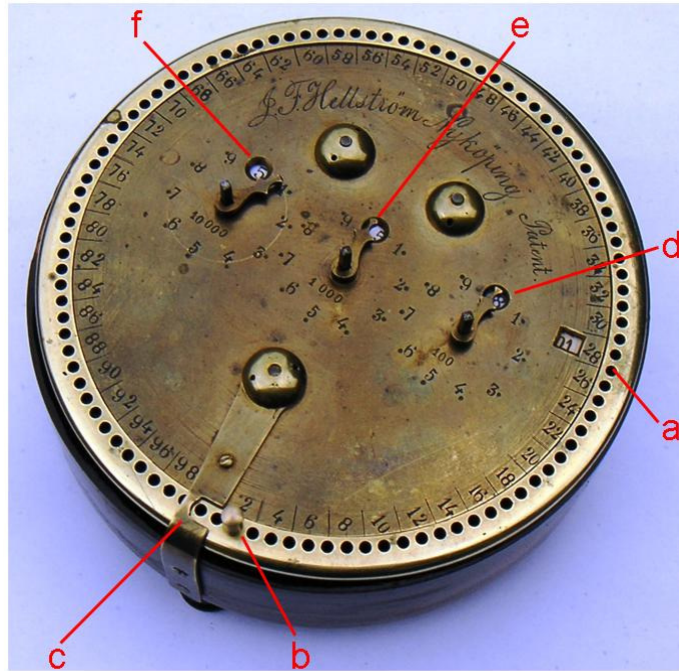# Adding machine by L. F. Hellström

The machine is suitable for addition of up to 5-digit figures, between 1 and 99999. Required ten transfers are performed automatically.

Functional elements:

a) Outer ring with 100 holes to set the one- and ten-decades. With a window to show the figures.
b) Stop pin
c) stop
d) square shaft to set the hundred-decade with pointer and window to show the figures.
e) square shaft to adjust the thousands decade with pointer and window to show the figures.
f) square shaft to set the tens of thousands decade with pointer and window to show the figures.

The outer ring and the square shafts may only be turned clockwise to prevent damage of the inner mechanics.
The square shafts with the pointers d, e and f can in each case an adjustment to max. 9 figures , to be delivered to an internal hard stop. After adjustment, the shaft rotates by springs back until the pointer is in the original position. (0 or 1)
The adjusted figure remains in the display, obtained by an internal ratchet mechanism.

Description of an adding process:

$$24378$$
$$+\ 28457$$
$$=\ 52835$$

1. Set the figure 78 in the display window of the one- and ten-decade by turning the outer ring clockwise.
2. Set on the hundreds-decade the figure 3 in the display window by turning the square shaft clockwise.
3. Set on the thousands-decade in the same way, the figure 4 and on the tens of thousands-Decade the figure 2.
   The 1 Term is entered.
4. Put the stop pin in the hole next to the No. 57 and turning the outer ring clockwise until it stops. The one and ten decades are added.
5. Add in the hundreds-decade by turning the square shaft clockwise the figure 4. The figure is visible on the pointer.
6. Add in the thousands- and tens of thousands-decades in the same way the numbers 8 and 2.
7. In the windows now, the full result will be displayed.

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