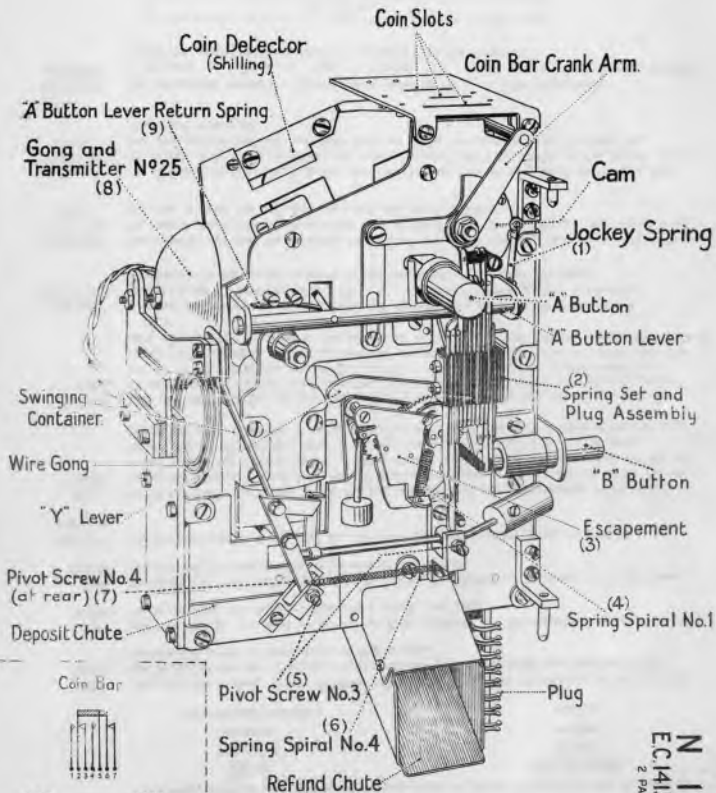


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AMOUNTMENT		
LATELY RECEIVED ADDS. RELATIVE AND NUMBERING FOR INCREASE SERIAL NO.	12-2-57	E
THIS AND OTHERS LISTED BY THE BUREAU OF STANDARDS AT 27-11-58	1-11-58	D
REVISIONS MADE BY THE BUREAU OF STANDARDS ON 10-10-58	10-10-58	C
REVISIONS MADE BY THE BUREAU OF STANDARDS ON 10-10-58	10-10-58	B
REVISIONS MADE BY THE BUREAU OF STANDARDS ON 10-10-58	10-10-58	A

CIRCULATION
GENERAL

Box, C.C. part - Mechanism N° 14



NOTE: See Panel 2 for Box, C.C. parts

N 1185
19.7.33.
E.C.1415^c26.9.30.
2 PANELS - 1

NOTES:- The following "Call Office Circuit, Explanatory Diagrams" should be perused in conjunction with this diagram:-

SYSTEM	FOR NEW WORK
Manual (CB)	N 2406
Automatic	N 2408
Units, Automatic Nos. 5 & 6.	N 2407

COIN SLOTS. Three coin slots marked "PENNY", "SIXPENCE" and "SHILLING" respectively are provided on the top of the box. The size of each slot is such as to prevent the use of coins of a larger size than that of the denomination shown or badly bent or misshapen coins.

COIN GUIDES. Each coin inserted rolls down an inclined coin guide associated with the respective coin slot. In so doing the coin is tilted and caused to pass over a suitable coin gauge.

COIN GAUGES. If a smaller coin than that indicated has been inserted, it is thrown out by means of the coin gauge and falls into the Refund Chute to be returned to the caller.

COIN SLOT CRANK ARM. The first coin inserted engages the coin slot crank arm which operates spring assembly No. 1.

BELL GONGS. At the end of the coin guides is fixed the gong assembly. Each coin, after passing its respective coin gauge, continues to roll down the coin guide and is therefore caused to strike either the wire or bell gong in the following manner. A penny strikes the wire gong once; a sixpence strikes the bottom edge of the bell gong once; a shilling strikes the bell gong twice, i. e. by means of a double coin guide a shilling is caused to strike both the top and bottom edges of the bell gong.

BALANCE ARM. Each coin, after striking the gong, falls down the swinging container and comes to rest on the balance arm. The balance and latch arm adjustments should conform to the instructions set out in E.I. Telephones Call Office D 5903. The operation of the balance arm causes spring assembly No. 2 to be operated. The balance arm is restored to normal when the coins are deposited or refunded. The restoration of the balance arm restores spring assembly No. 2.

COIN BOX TRANSMITTER. The coin box transmitter is fixed inside the bell gong, the combined item being known as Box, C.C. part-Transmitter No 21 or 25. The coin box transmitter is practically unresponsive to speech but responds to the mechanical vibrations of the gongs.

"A" BUTTON & "A" BUTTON LEVER. The "A" button operates the "A" button lever which causes the swinging container to swing over the deposit chute (and so deposit any coins previously held in suspension on the balance arm) and also restores the coin slot crank arm and spring assembly No. 1.

"B" BUTTON & "B" BUTTON LEVER. The "B" button operates the "B" button lever which causes the swinging container to swing over the refund chute (and so refund any coins previously held in suspension on the balance arm) and also restores the coin slot crank arm and spring assembly No. 1. and operates the escapement mechanism.

ESCAPEMENT MECHANISM. The escapement mechanism operates spring assembly No. 3. The escapement is adjusted to function for about 7 seconds. Spring assembly No. 3 remains operated during the period the escapement is functioning and then restores.

BOX CC. PARTS	
1. BOX, CC. part-Spring Roller No.1	5. BOX, CC. part- Pivot Screw No.3.
2. BOX, CC. part-Spring Set and plug assembly.	6. BOX, CC. part- Spring, Spiral No. 4.
3. BOX, CC. part- Escapement No.1	7. BOX, CC. part- Pivot Screw No. 4.
4. BOX, CC. part-Spring, Spiral No.1	8. BOX, CC. part- Transmitter No 25.
	9. BOX, CC. part- Spring Flat No.1.