



NATIONAL STANDARDS COMMISSION

CERTIFICATE OF APPROVAL No 6/5/12

This is to certify that the pattern of the

Salter Weighing Instrument Model 237T

submitted by Geo. Salter Pty Ltd,
8 Sloane Street,
Marrickville, New South Wales, 2204,

has been approved under the Weights and Measures (Patterns of Instruments) Regulations as being suitable for use for trade.

Date of Approval: 10/3/80

The pattern is described in Technical Schedule No 6/5/12, and in drawings and specifications lodged with the Commission.

The approval is subject to review on or after 28/2/85.

All instruments conforming to this approval shall be marked with the approval number "NSC No 6/5/12".

Signed

Executive Director.

20/3/80



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/5/12

Pattern: Salter Weighing Instrument Model 237T

Submittor: Geo. Salter Pty Ltd,
8 Sloane Street,
Marrickville, New South Wales, 2204.

Date of Approval: 10/3/80

Description of Pattern:

The pattern is a spring balance of capacity 10 kg by 0,02 kg scale intervals with a reading face on each side of the instrument (Figures 1 and 2). It is designed to be freely suspended.

The load receptor is loosely contained in a frame free to swing from a vertical U-piece connected to the resistant mechanism. The spring-resistant mechanism (Figures 2, 3 and 4) consists of two temperature-stable springs in parallel between two cross-arms. The top cross-arm is in two sections, pivoted at the end, and adjustable in the centre by means of a zero screw. The lower arm supports the load receptor and by a rack drives the pinion carrying the indicator spindle.

Two plastic-coated-glass air dampers are connected between the cross-arms.

The dials are marked with the following data:

Manufacturer's name	
Serial number of instrument	
NSC approval number in the form:	NSC No 6/5/12
Accuracy class in the form:	III
Maximum capacity in the form:	Max 10 kg
Minimum capacity in the form:	Min 0,4 kg
Verification scale interval in the form:	d = e = 0,02 kg

The instrument is security sealed with a stamping plug at the bottom (Figure 4).

20/3/80



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NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/5/12

CHANGE No 1

The following change is made to the description of the Salter Model 237 T Weighing Instrument.

In Technical Schedule No 6/5/12 dated 20/3/80:

Add the footnote;

" Note: The minimum capacity as marked on the instrument may be greater than, but not less than, the calculated minimum capacity as set out above."

Signed

Executive Director

28/1/83

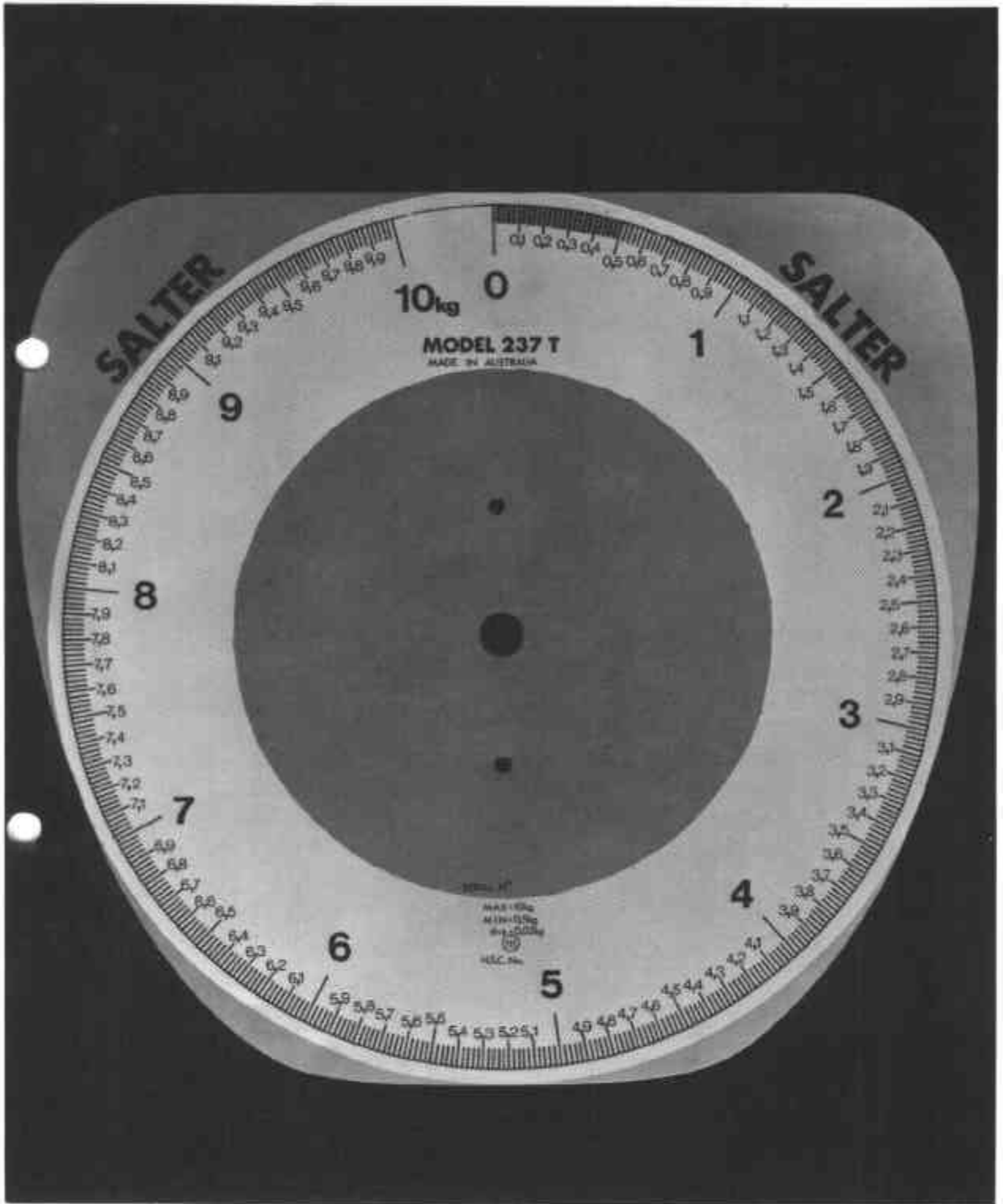
Figure 6/5/12 - 1



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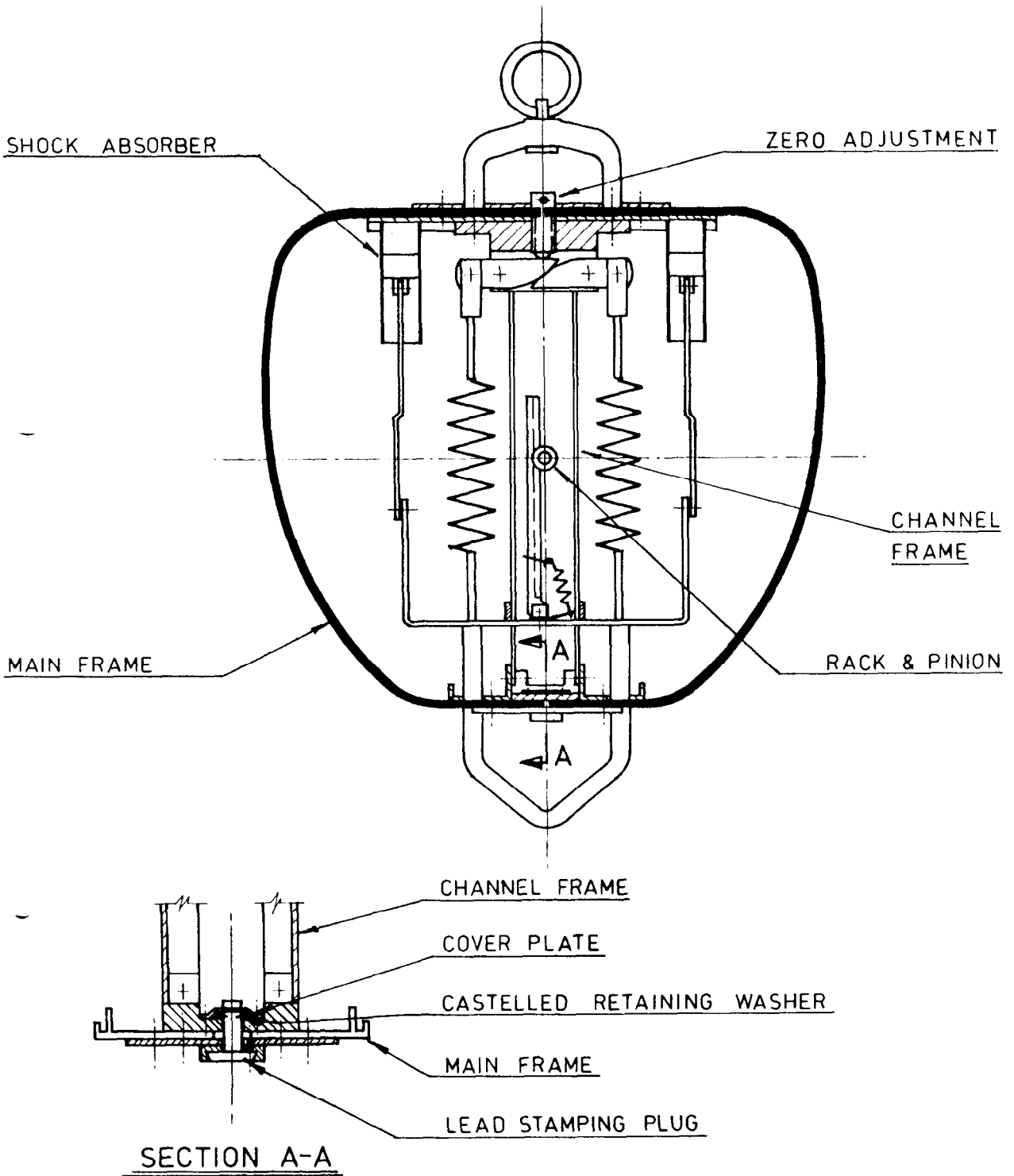
Salter Model 237T

Figure 6/5/12 - 2



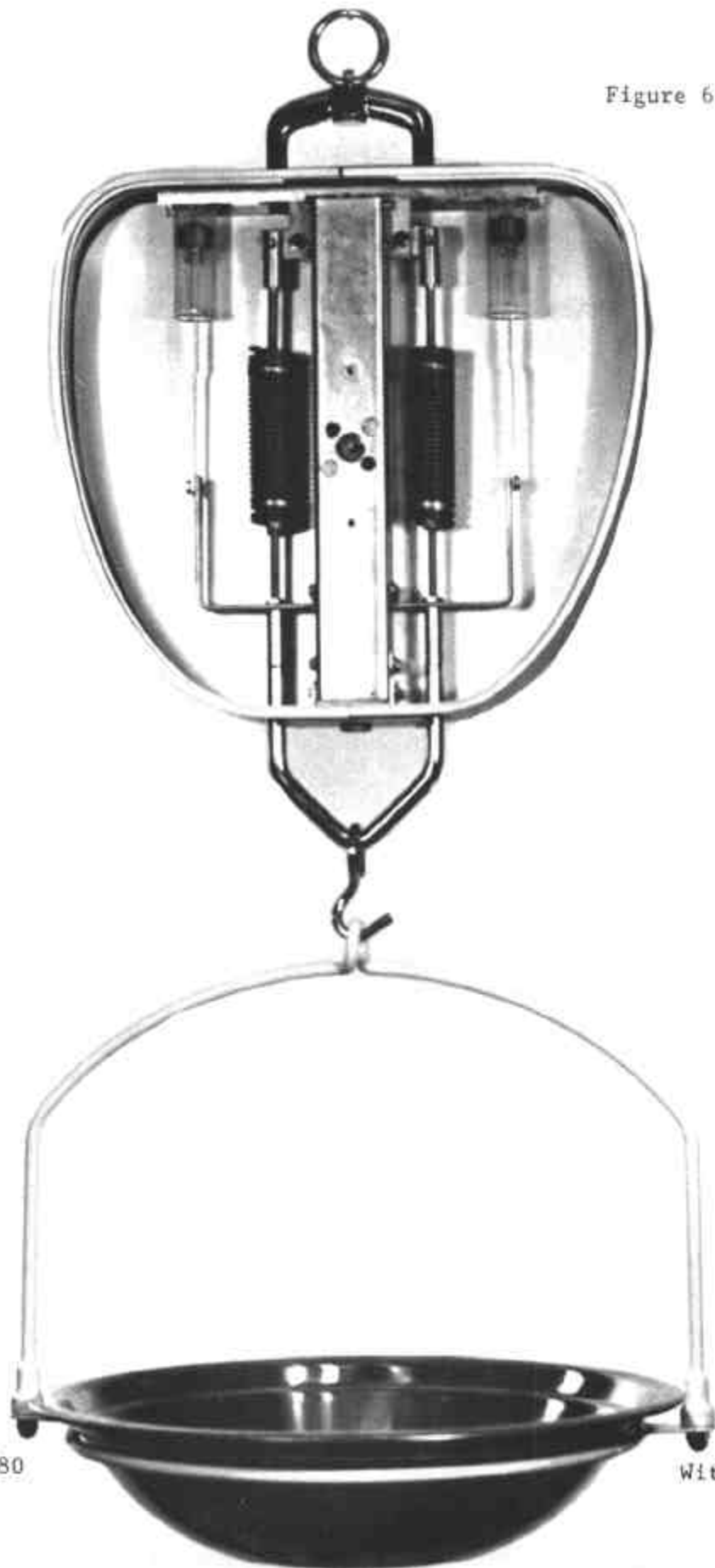
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Dial



Salter 237T Resistant Mechanism - Schematic Diagram

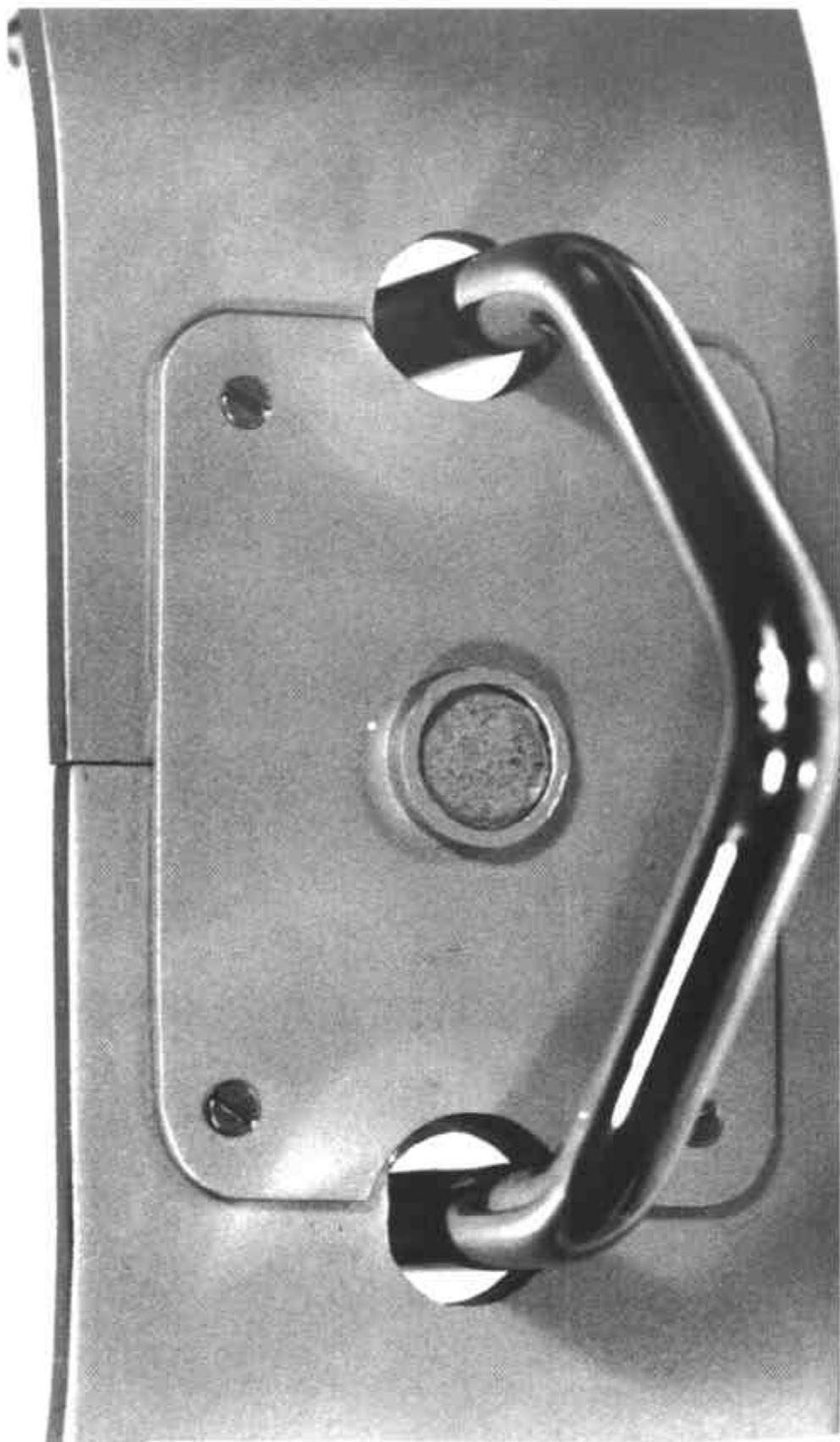
Figure 6/5/12 - 4



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With Dial Removed

Figure 6/5/12 - 5



Stamping Plug