

28 TYPING UNIT  
 LUBRICATION

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**CAUTION: SPECIAL CARE MUST BE TAKEN TO PREVENT ANY OIL OR GREASE FROM GETTING BETWEEN THE SELECTOR ARMATURE AND ITS MAGNET POLE FACES. KEEP ALL ELECTRICAL CONTACTS FREE OF OIL AND GREASE.**

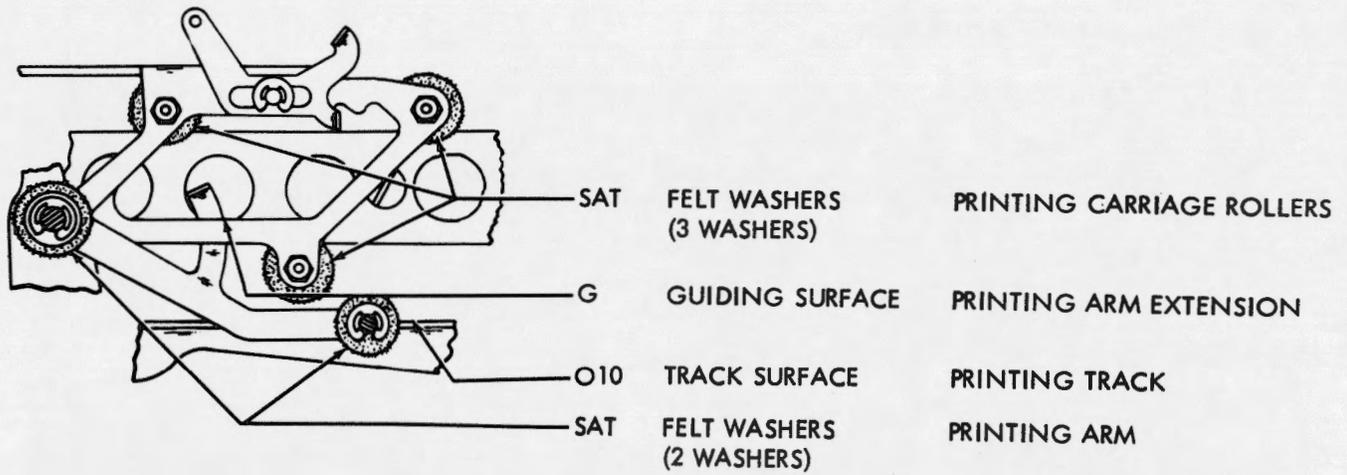
- 1.06 Apply a thick film of grease to all gears and the spacing clutch reset cam plate.
- 1.07 Apply oil to all cams, including the camming surfaces of each clutch disc.
- 1.08 The photographs show the paragraph numbers referring to particular line drawings of mechanisms and where these mechanisms are located on the unit. Parts in the line drawings are shown in an upright position unless otherwise specified.
- Note: References made to left or right, top or bottom, and front or rear apply to the typing unit in its normal operating position as viewed by the operator facing the unit.
- 1.09 The following list of symbols apply to the specific lubrication instructions given in each paragraph.

- O Apply 1 drop of oil.  
 O2 Apply 2 drops of oil.  
 O3 Apply 3 drops of oil, etc.  
 G Apply thin film of grease.  
 SAT Saturate (felt oilers, washers, wicks) with oil.

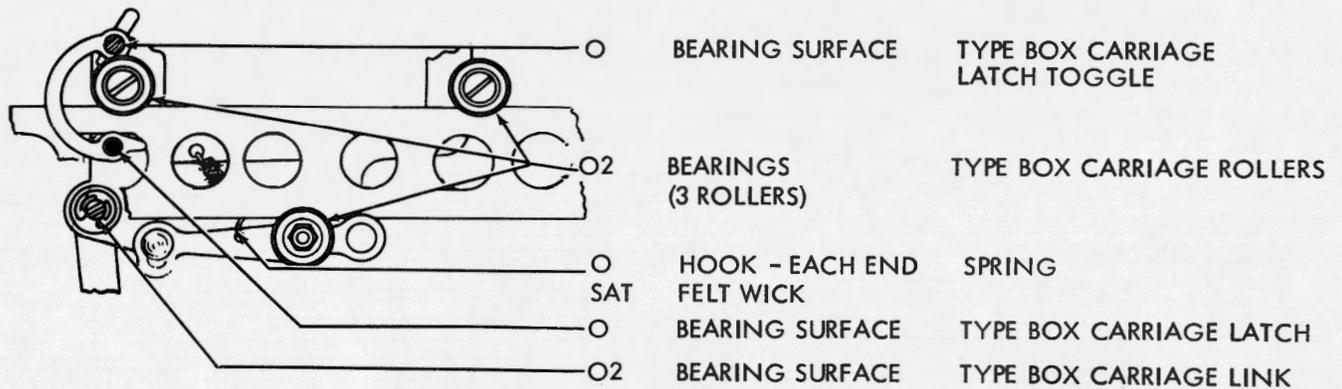
1.10 During each lubrication period, check the following items. Requirements and adjustments are given in Section 573-115-700.

- (1) Printing Carriage Position
- (2) Printing Hammer Bearing Stud
- (3) Printing Track
- (4) Printing Hammer Stop Bracket (Also see Note 2, Par. 2.48, 573-115-700 which refers to Printing Hammer Operating Bail Spring Bracket Position.)
- (5) Carriage Draw Wire Rope
- (6) Dashpot Vent Screw (Check dashpot transfer slide for freeness.)

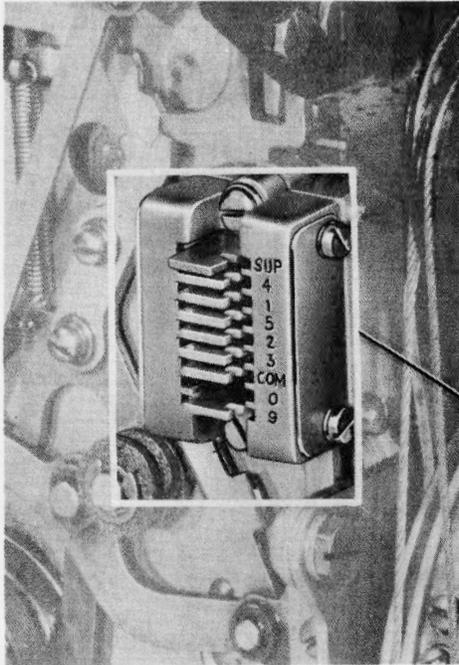
2.03 Printing Mechanism (Cont'd)



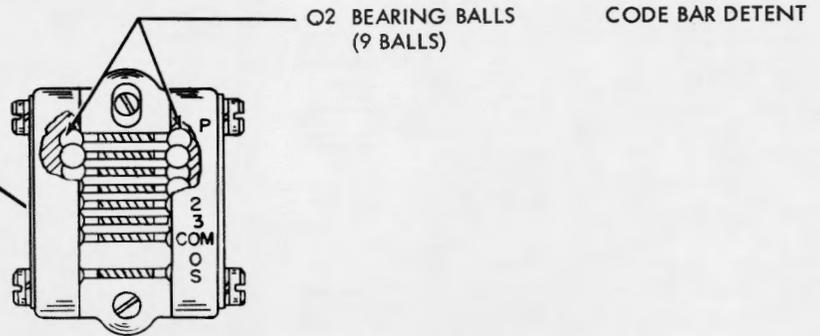
2.04 Type Box Carriage Mechanism



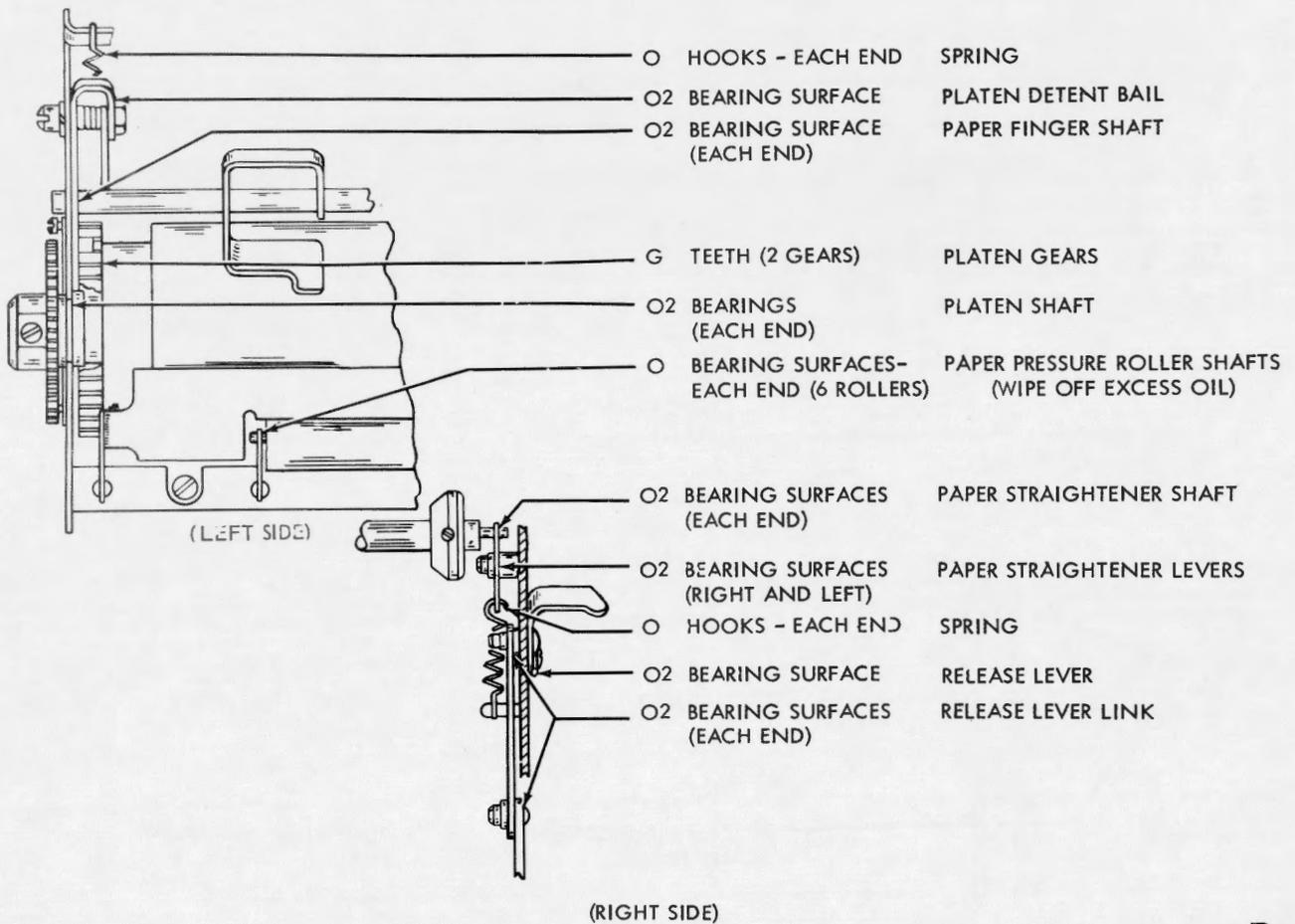
2.07 Typing Unit - Left Front View



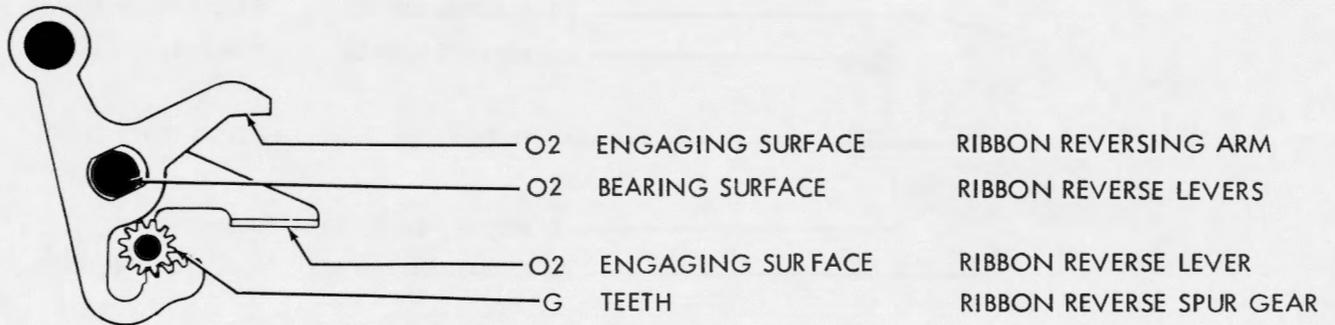
2.08 Codebar Detents



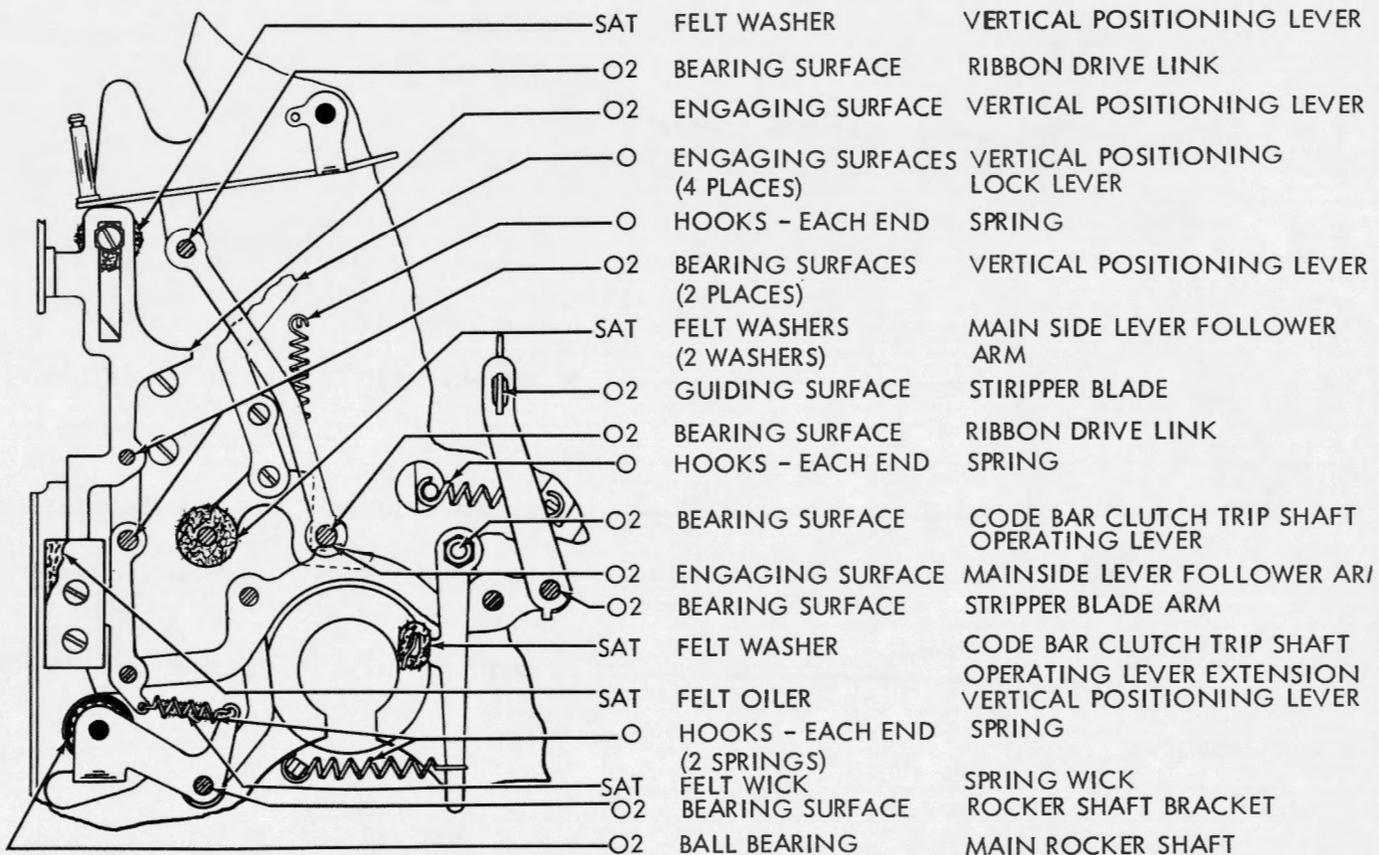
2.09 Paper Feed Mechanism - Front View



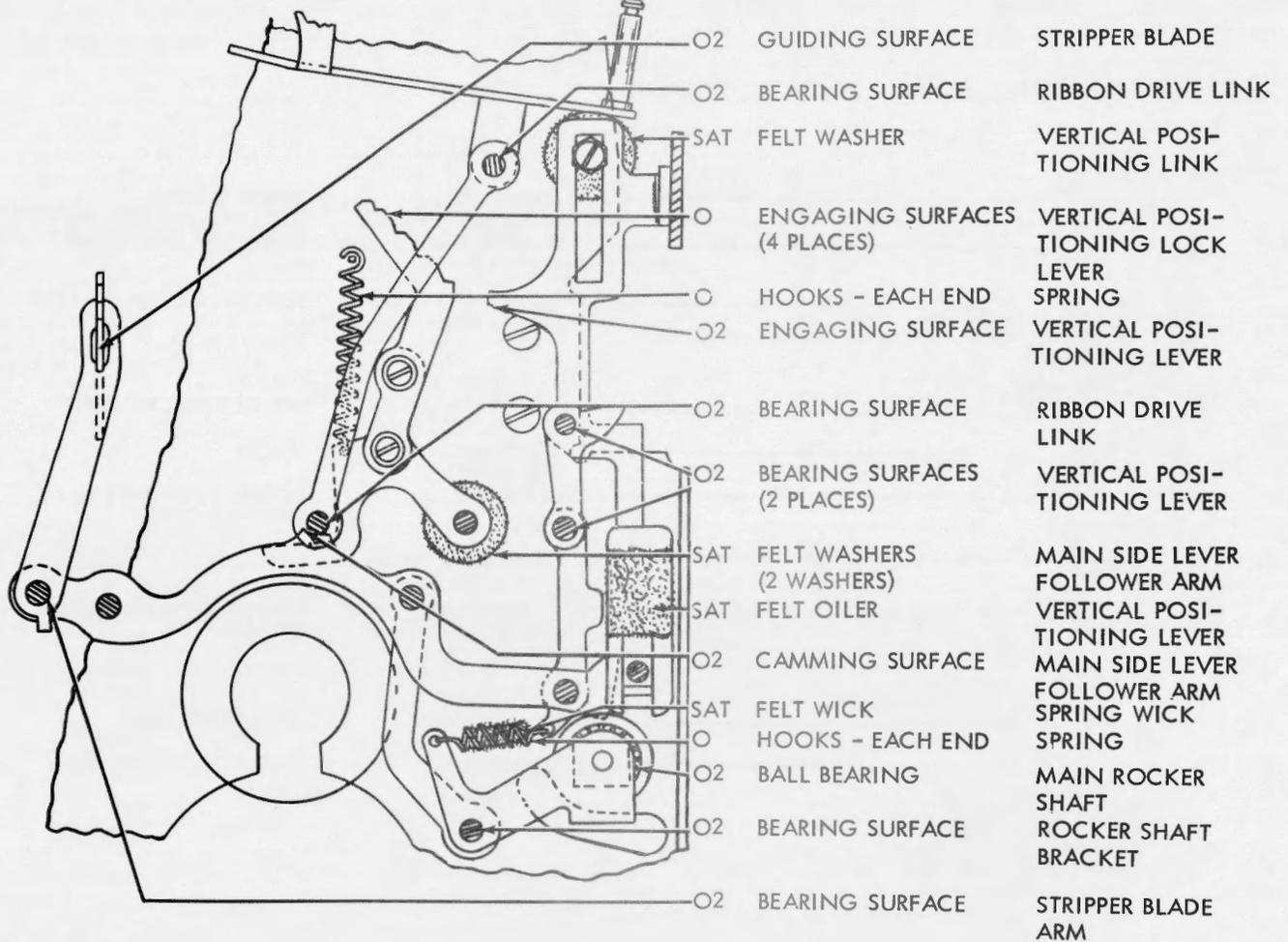
2.13 Ribbon Feed Mechanism - Right Side (Cont'd)



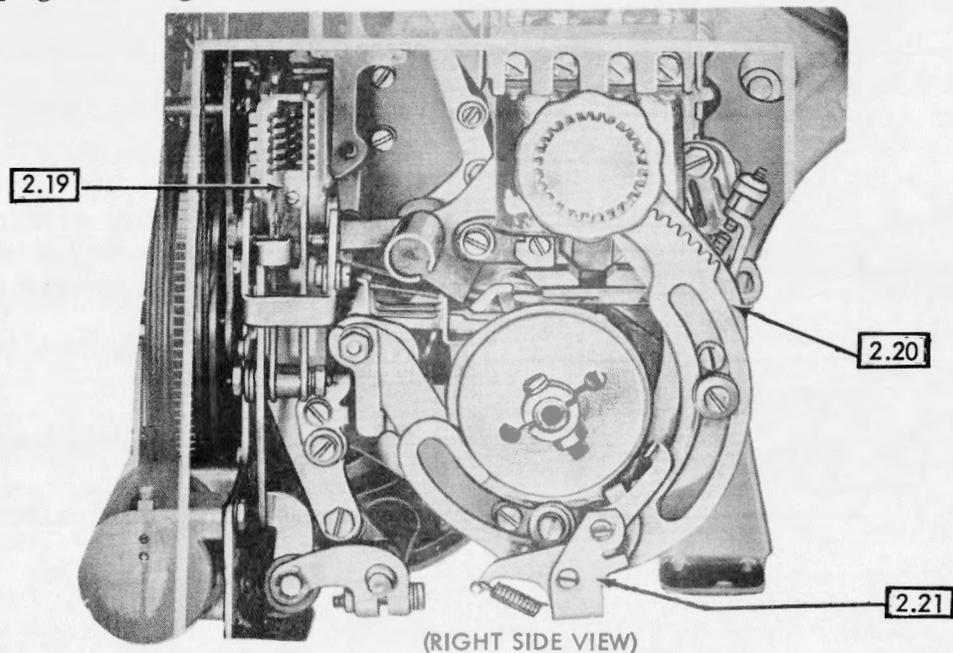
2.14 Vertical Positioning Mechanism - Right Side



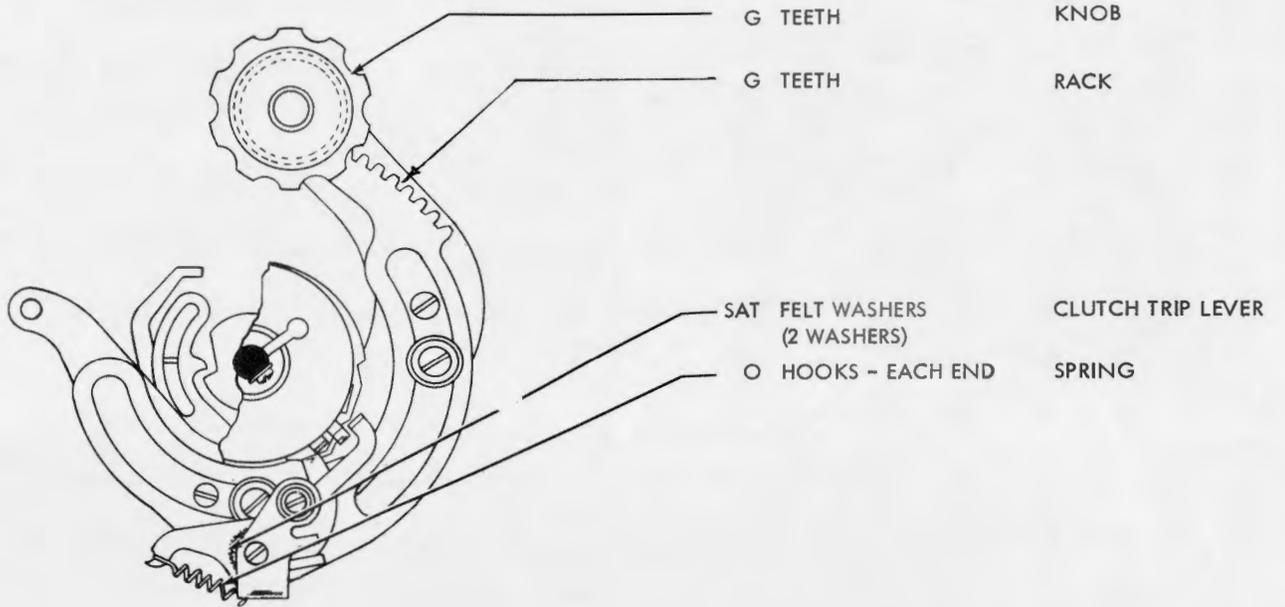
2.17 Vertical Positioning Mechanism - Left Side



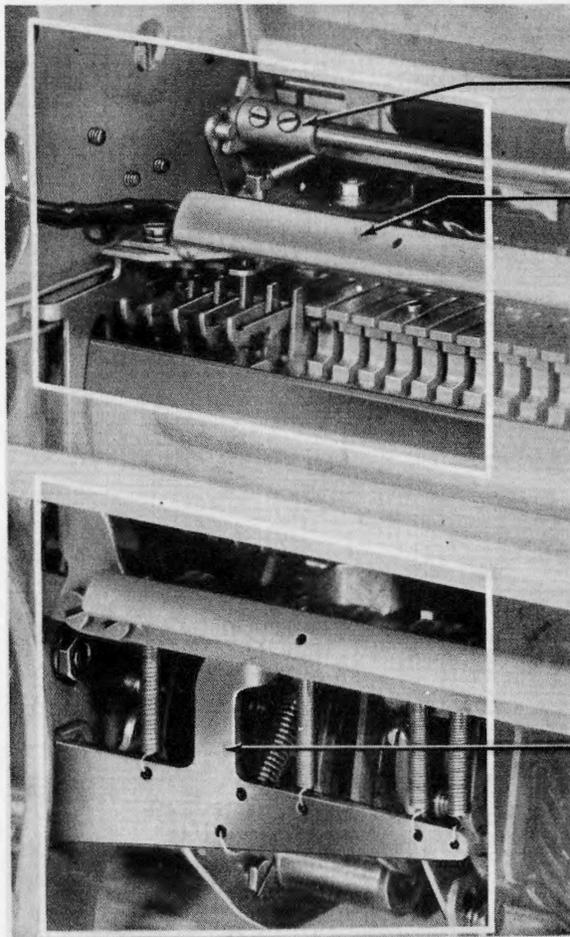
2.18 Typing Unit - Right End View



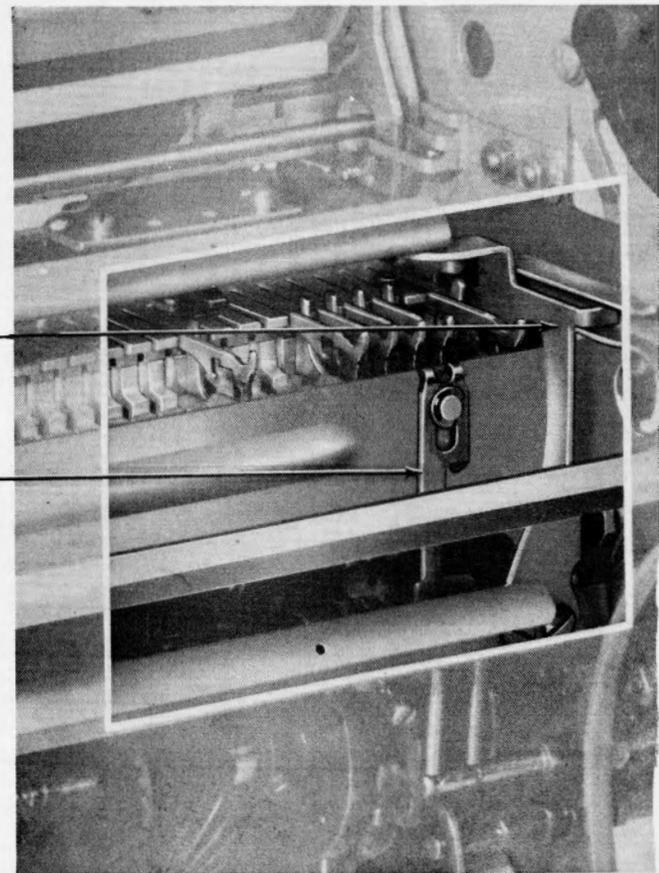
2.21 Selector Mechanism (Cont'd)



2.22 Typing Unit - Rear View



2.23 Typing Unit - Rear View



2.26

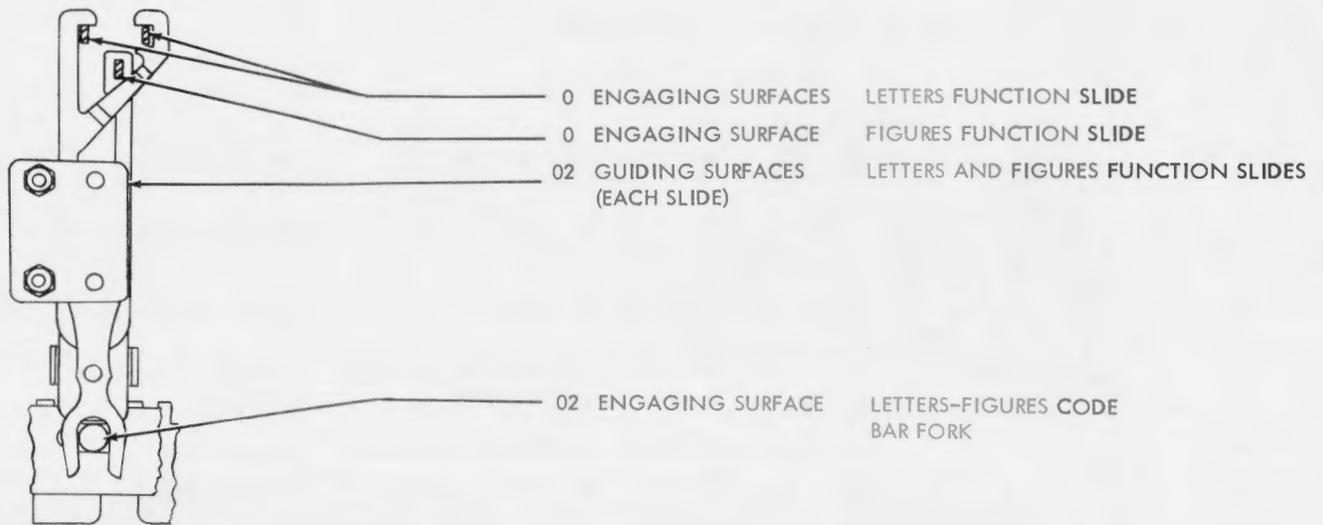
2.27

2.24

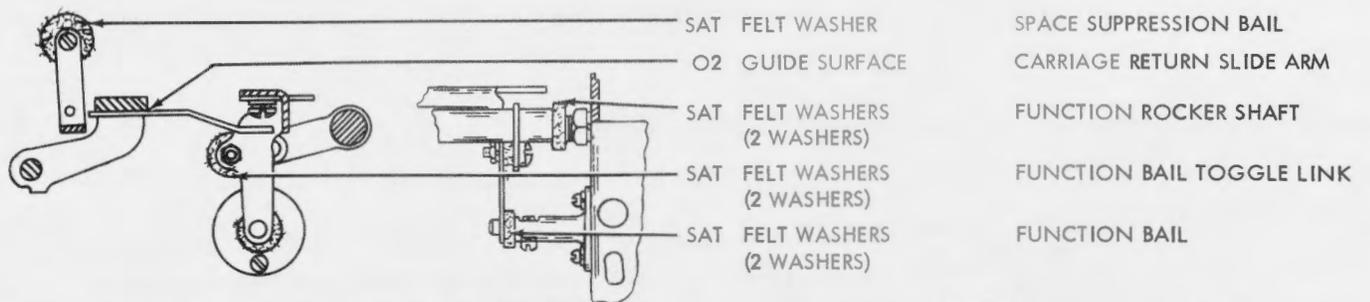
2.25

2.28

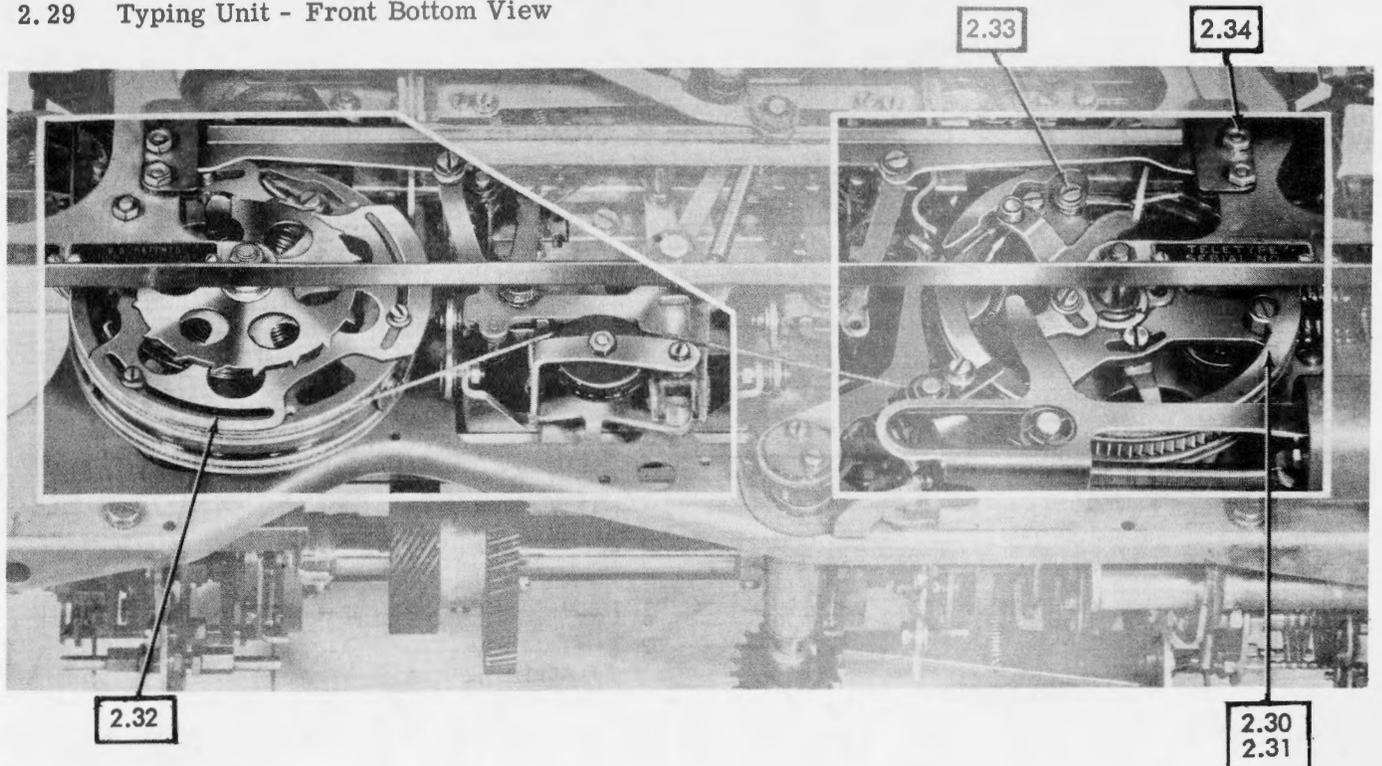
2.27 Shift Mechanism



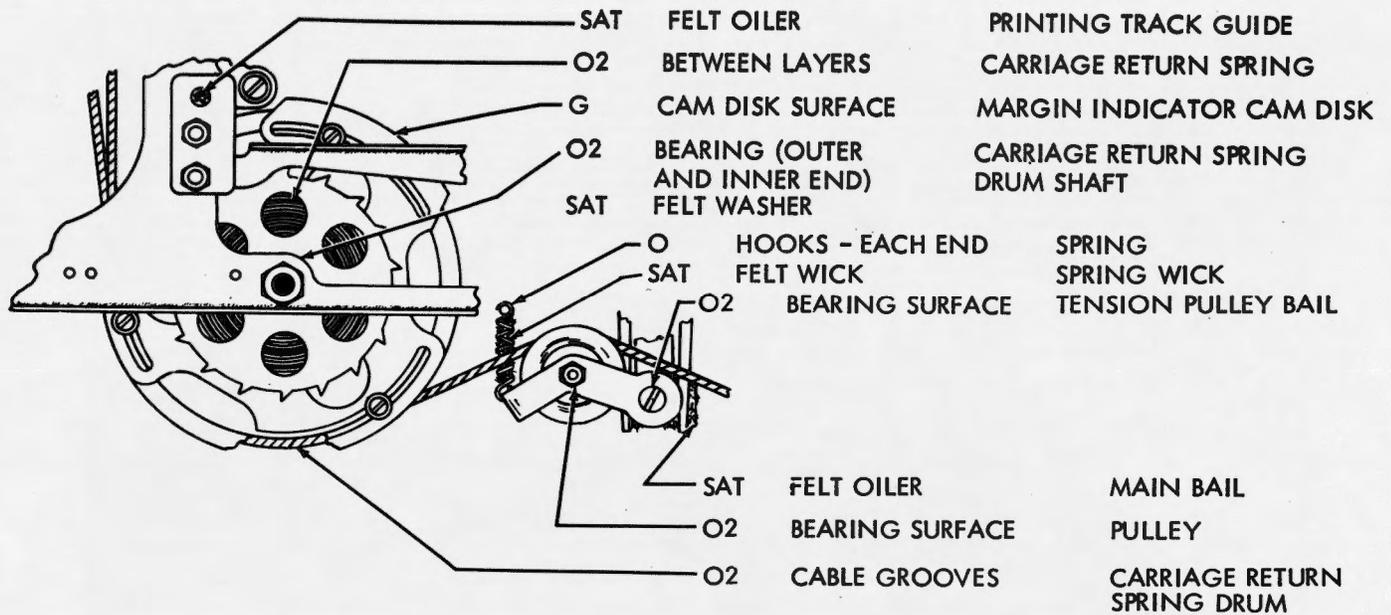
2.28 Function Rocker Shaft Mechanism



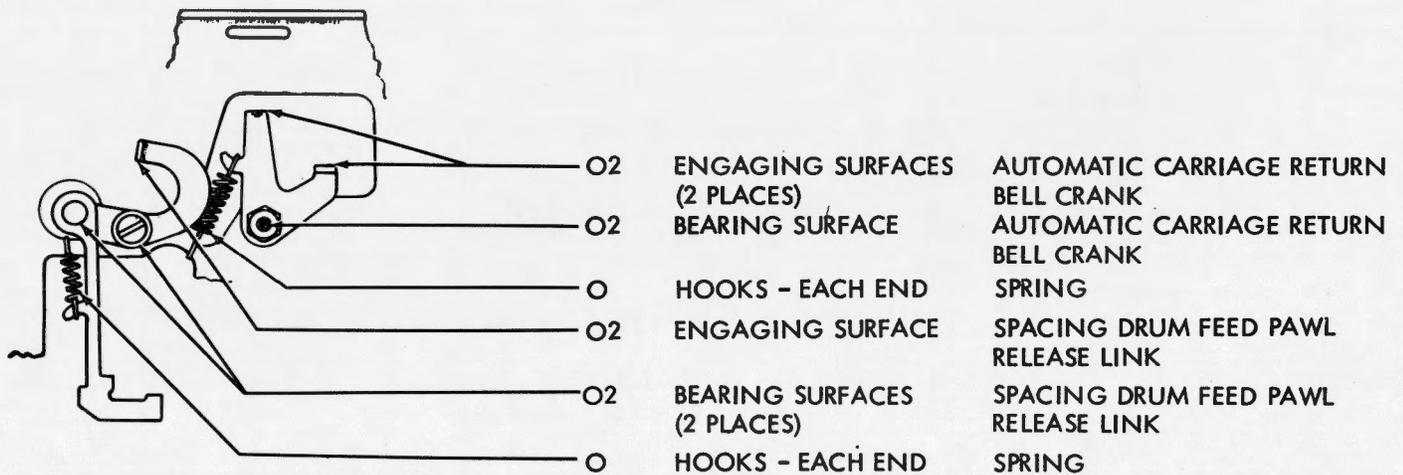
2.29 Typing Unit - Front Bottom View



2.32 Carriage Return Mechanism



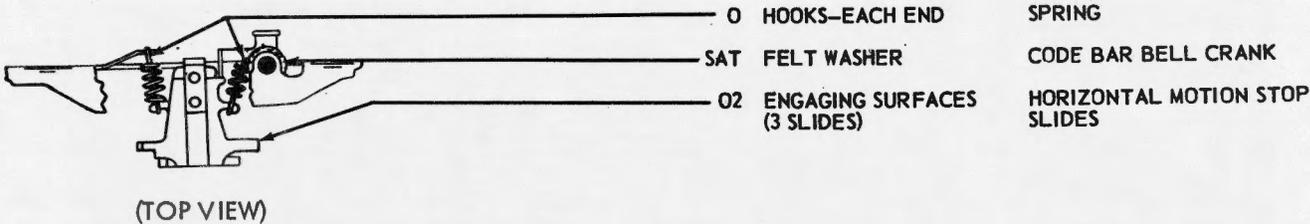
2.33 Spacing Drum Feed Mechanism



2.34 Track Guide Mechanism

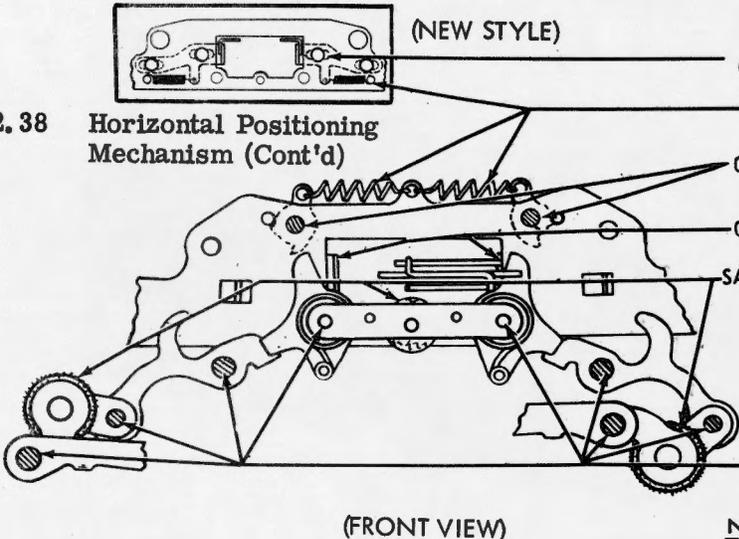


2.37 Horizontal Positioning Mechanism (Cont'd)



- O HOOKS-EACH END SPRING
- SAT FELT WASHER CODE BAR BELL CRANK
- O2 ENGAGING SURFACES (3 SLIDES) HORIZONTAL MOTION STOP SLIDES

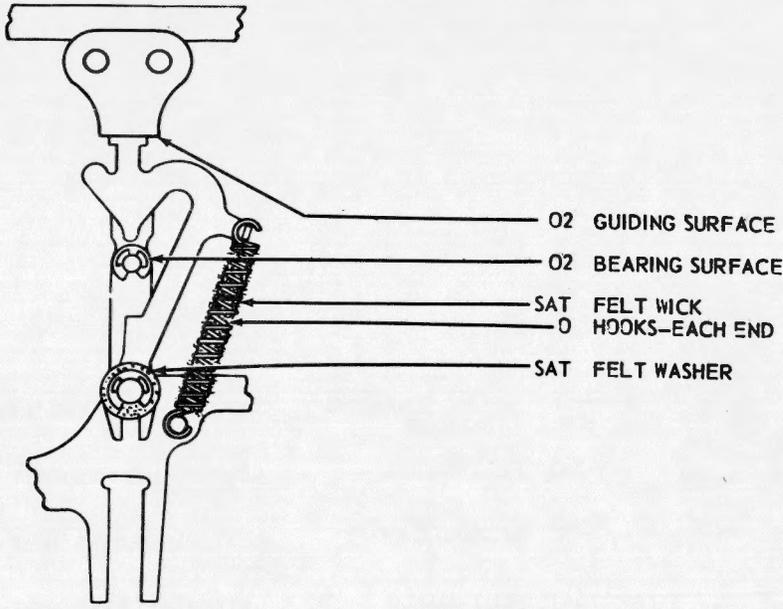
2.38 Horizontal Positioning Mechanism (Cont'd)



- O2 ENGAGING SURFACES DECELERATING SLIDE (SEE NOTE 1)
- O HOOKS-EACH END (2 SPRINGS) SPRING
- O2 BEARING SURFACES (2 BELL CRANKS) DECELERATING SLIDE BELL CRANKS
- O2 ENGAGING SURFACES (2 SLIDES) DECELERATING SLIDES (SEE NOTE 2)
- SAT FELT WASHERS (3 WASHERS) SHIFT SLIDE DRIVE LINKS
- O BEARING SURFACES (8 PLACES) SHIFT SLIDE DRIVE LINKS

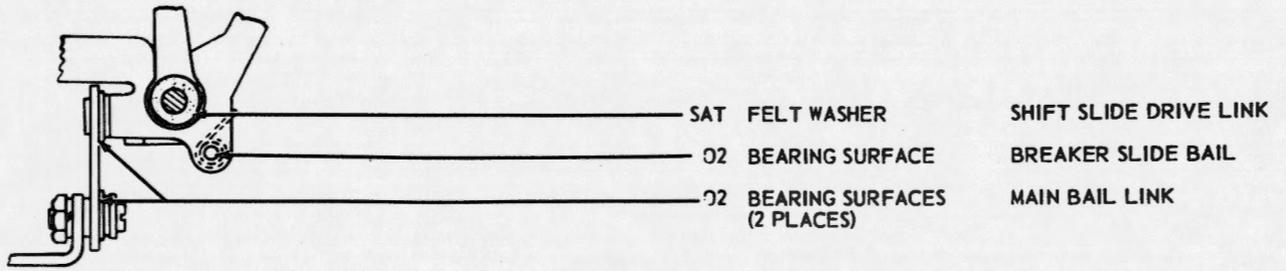
- NOTES**
1. WITH SPRINGS LOCATED ON REAR SIDE OF SLIDE
  2. WITH SPRINGS LOCATED ABOVE THE SLIDE

2.39 Horizontal Positioning Mechanism (Cont'd)

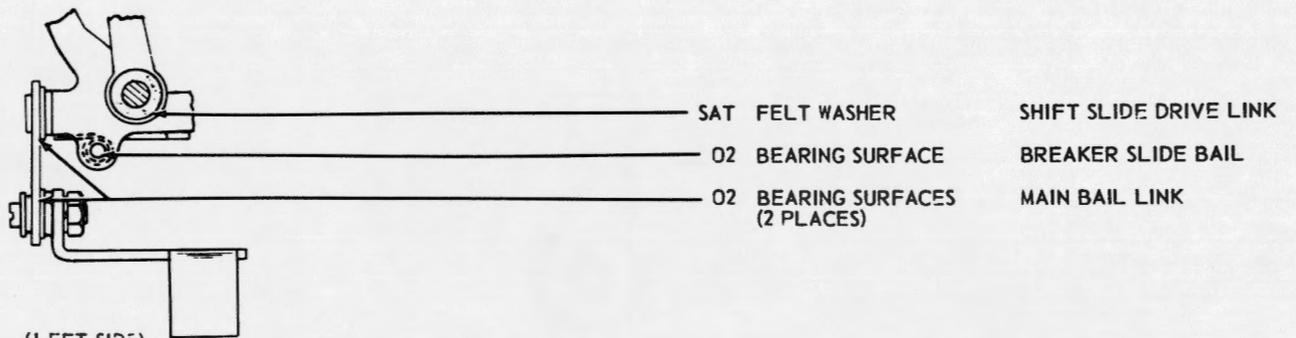


- O2 GUIDING SURFACE HORIZONTAL POSITIONING LOCK LEVER
- O2 BEARING SURFACE HORIZONTAL LOCK LEVER ARM ROLLER
- SAT FELT WICK SPRING WICK
- O HOOKS-EACH END SPRING
- SAT FELT WASHER HORIZONTAL POSITIONING LOCK LEVER

2. 42 Letters - Figures Shift Mechanism (Cont'd)

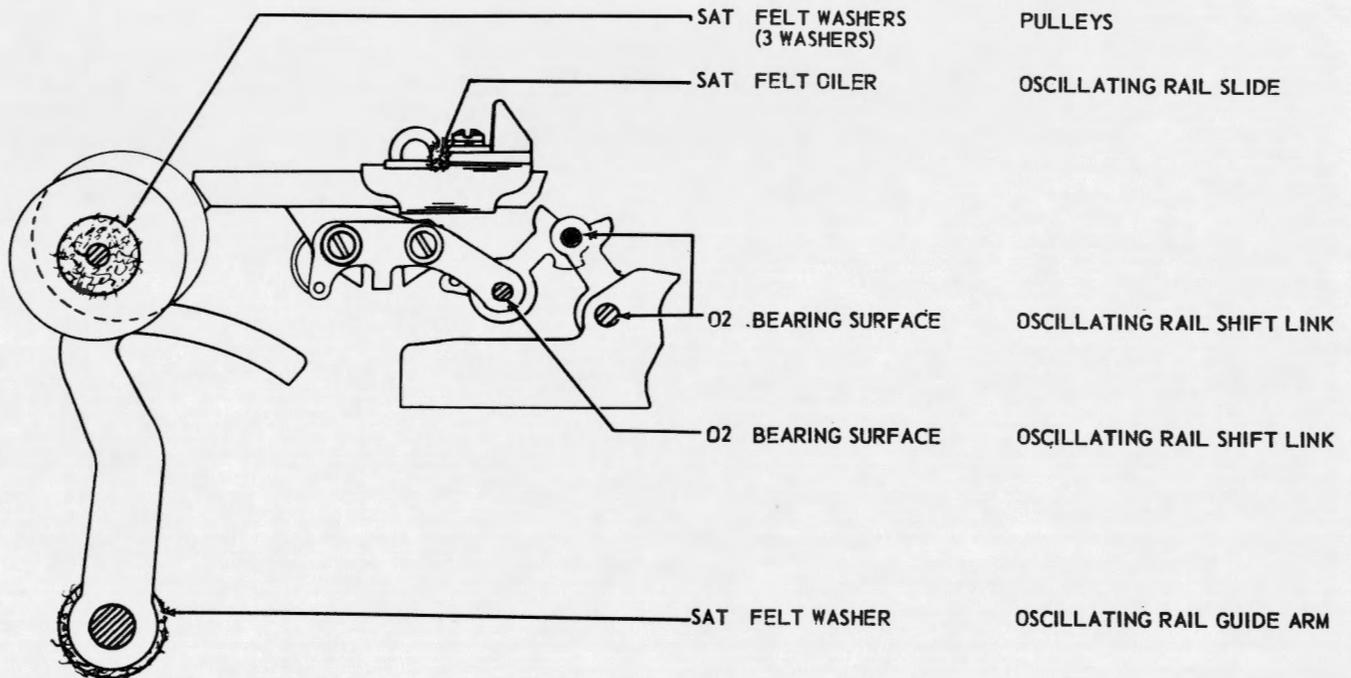


(RIGHT SIDE)

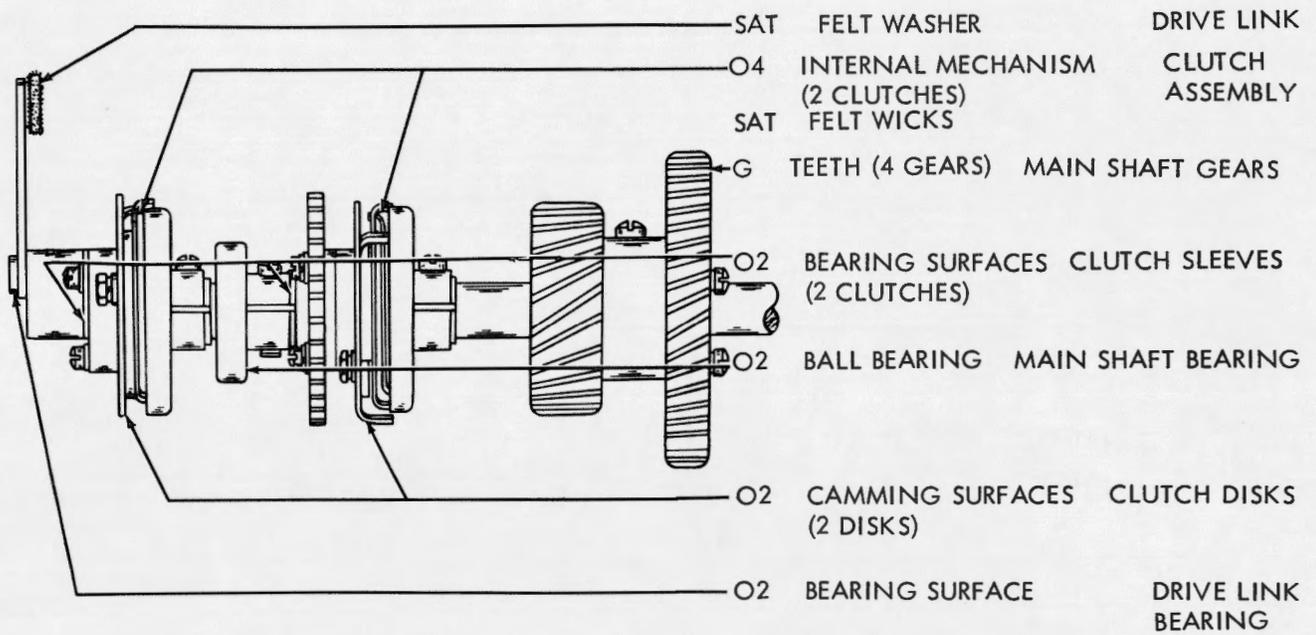


(LEFT SIDE)

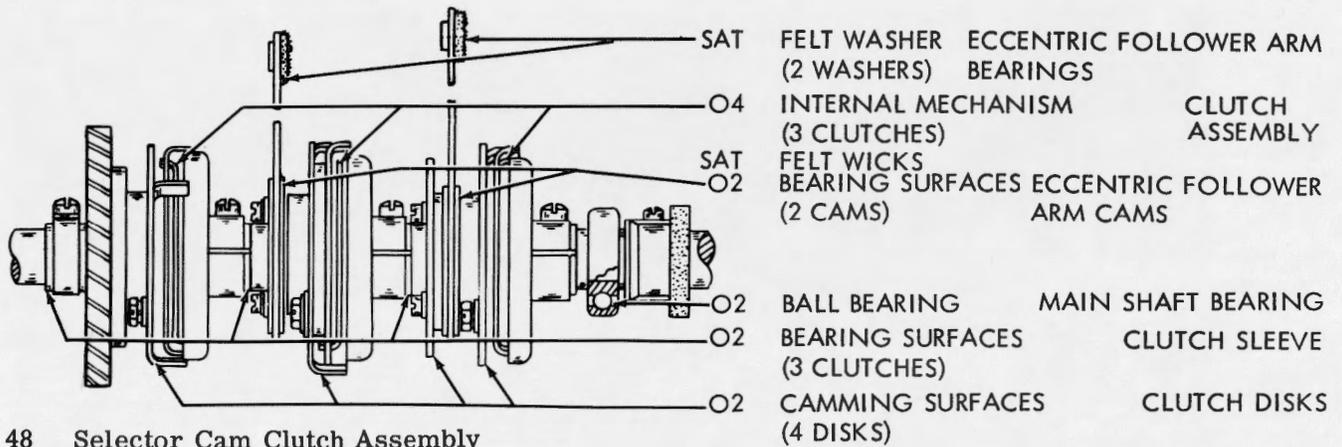
2. 43 Oscillating Mechanism



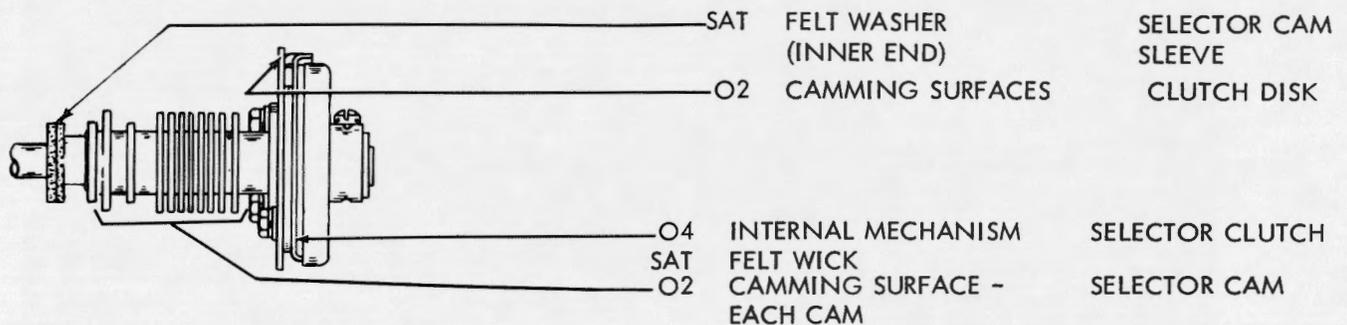
2.46 Main Shaft - Clutches, Gears, Etc.



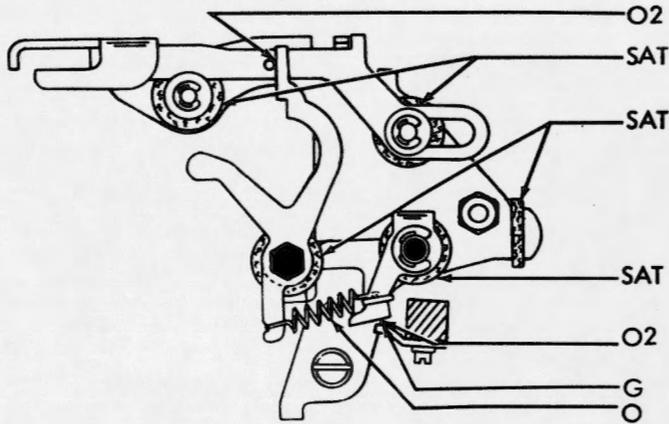
2.47 Main Shaft Mechanism



2.48 Selector Cam Clutch Assembly

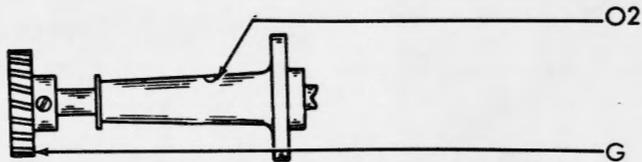


2.51 Spacing Mechanism



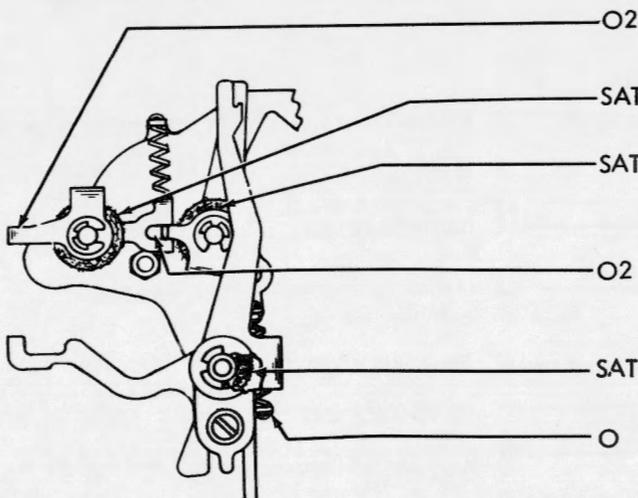
- O2 ENGAGING SURFACES SPACING TRIP LEVER
- SAT FELT WASHERS (2 WASHERS) SPACING SUPPRESSION SLIDE
- SAT FELT WASHER SPACING TRIP LEVER
- SAT FELT WASHER SPACING TRIP LEVER BAIL SHAFT
- O2 ENGAGING SURFACE SPACING TRIP LEVER BAIL
- G ENGAGING SURFACE HOOKS - EACH END TRIP RESET CAM
- O HOOKS - EACH END (2 SPRINGS) TRIP RESET CAM SPRING PLATE

2.52 Spacing Mechanism (Cont'd)



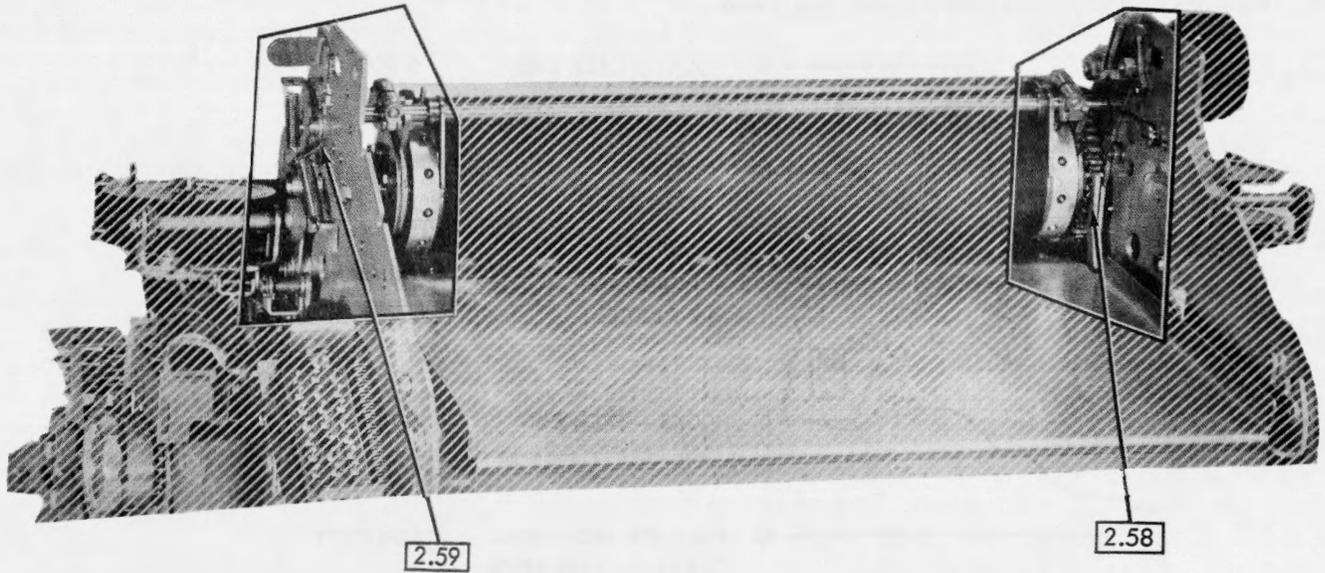
- O2 OIL HOLE SPACING SHAFT
- G TEETH SPACING SHAFT GEAR

2.53 Spacing Mechanism (Cont'd)

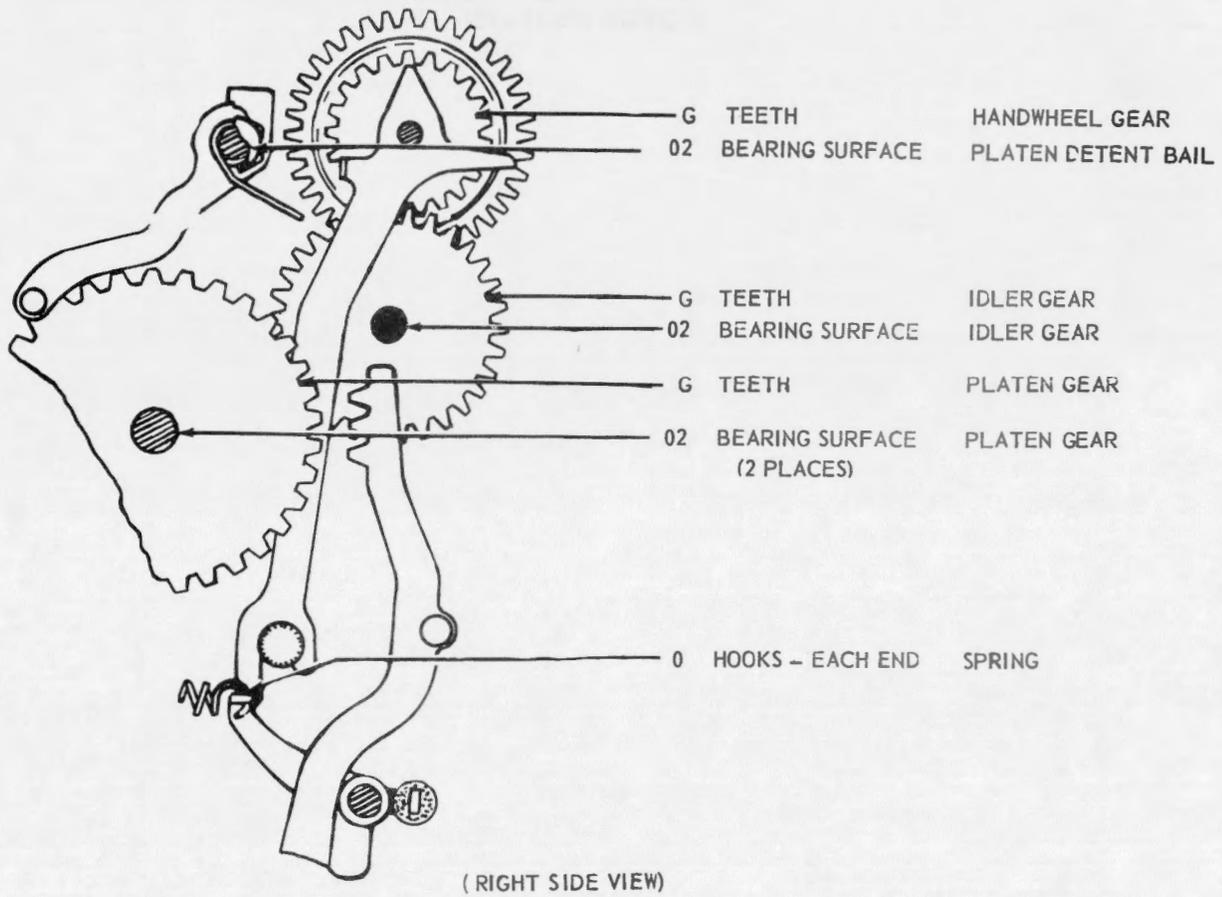


- O2 ENGAGING SURFACE SPACING CUT-OUT TRANSFER BAIL
- SAT FELT WASHERS (2 WASHERS) SPACING CUT-OUT TRANSFER BAIL
- SAT FELT WASHER SPACING CUT-OUT BAIL
- O2 ENGAGING SURFACE SPACING CUT-OUT BAIL
- SAT FELT WASHERS (2 WASHERS) CARRIAGE RETURN BAIL SHAFT
- O HOOKS - EACH END SPRING

2.57 Typing Unit - Rear Top View



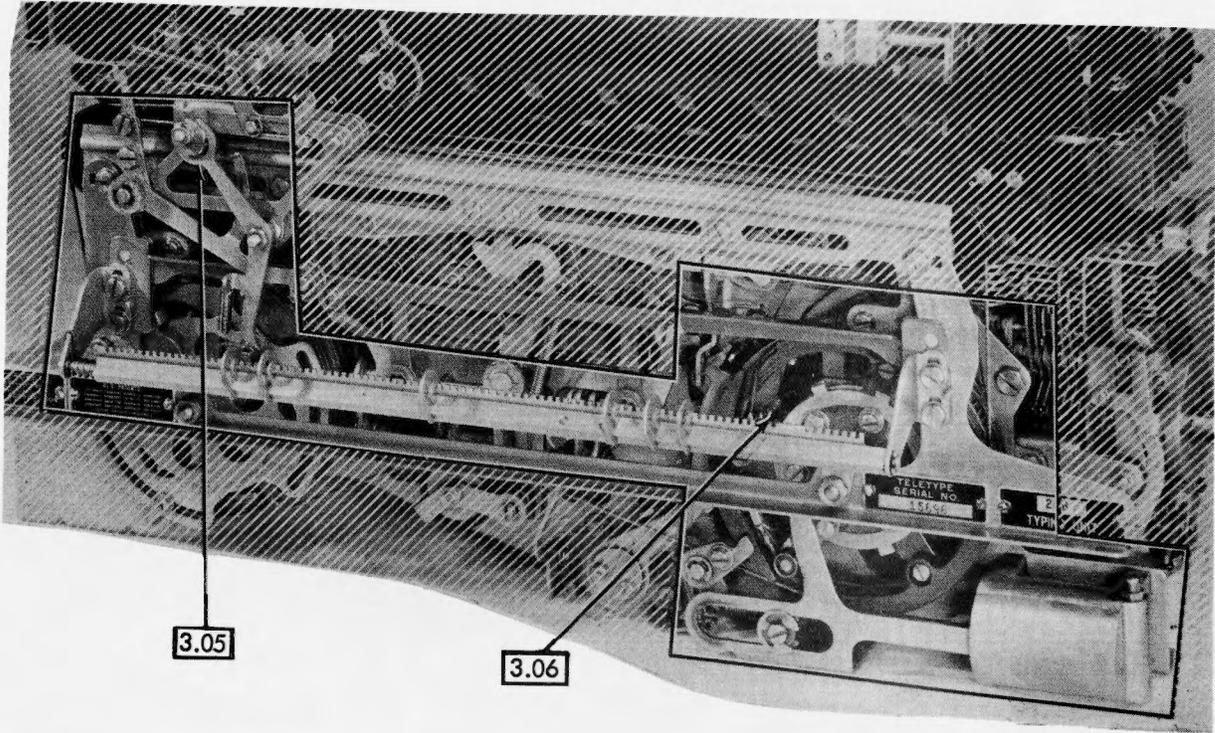
2.58 Line Feed Mechanism - Sprocket Feed



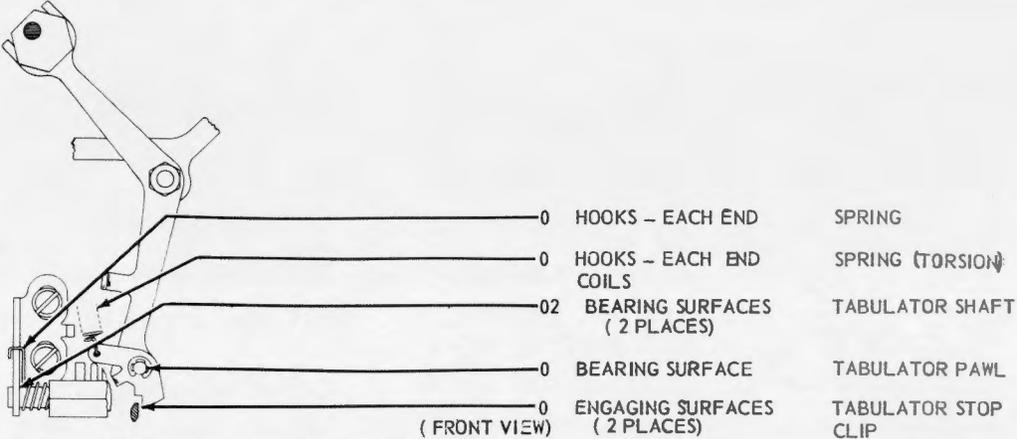
3. VARIABLE FEATURES

HORIZONTAL TABULATOR MECHANISM - EARLIER DESIGN

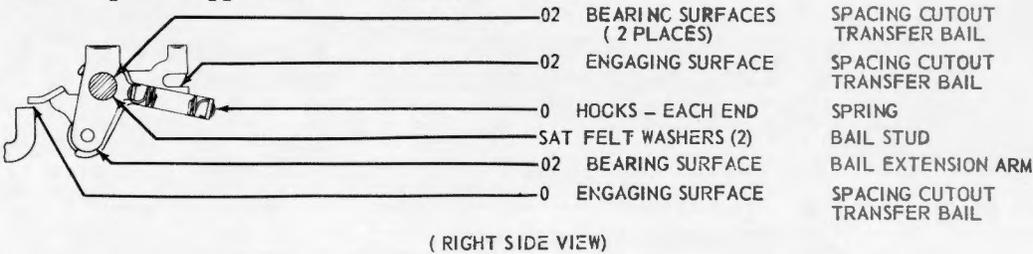
3.01 Typing Unit - Front View



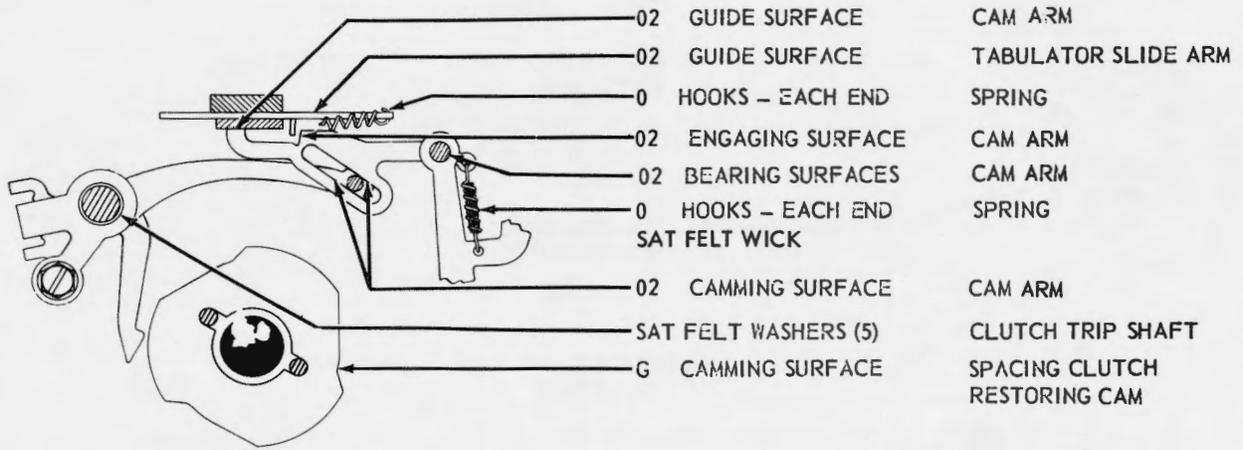
3.02 Tabulator Shaft Mechanism



3.03 Space Suppression Mechanism

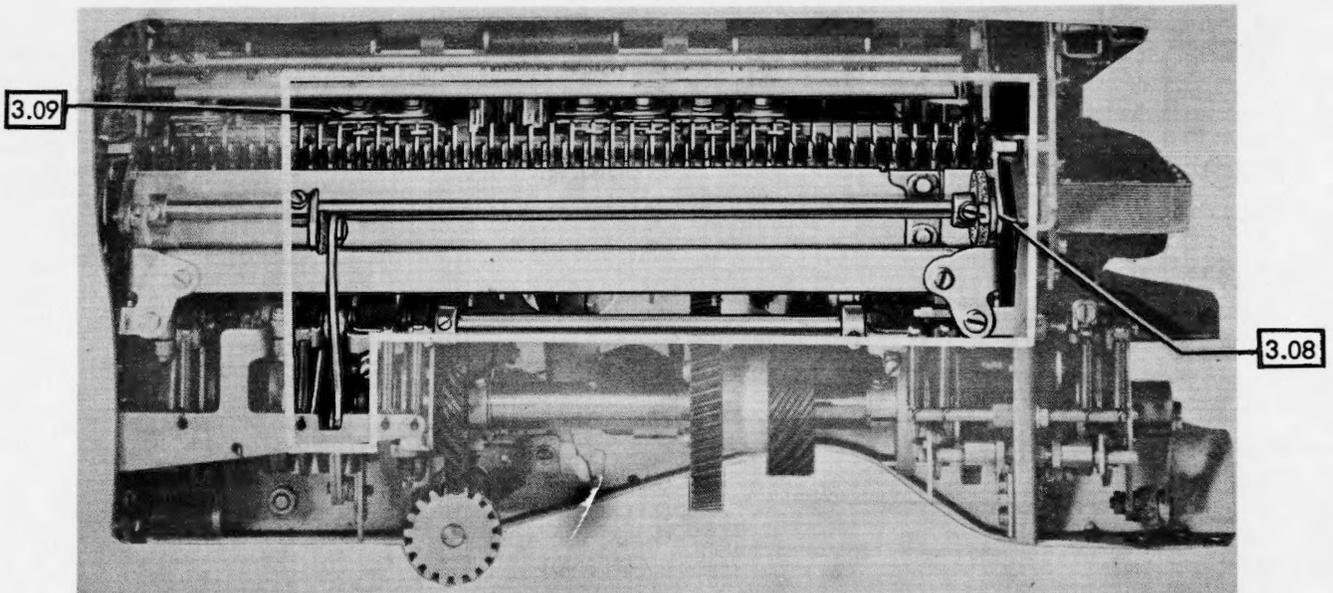


3.06 Spacing Clutch Mechanism

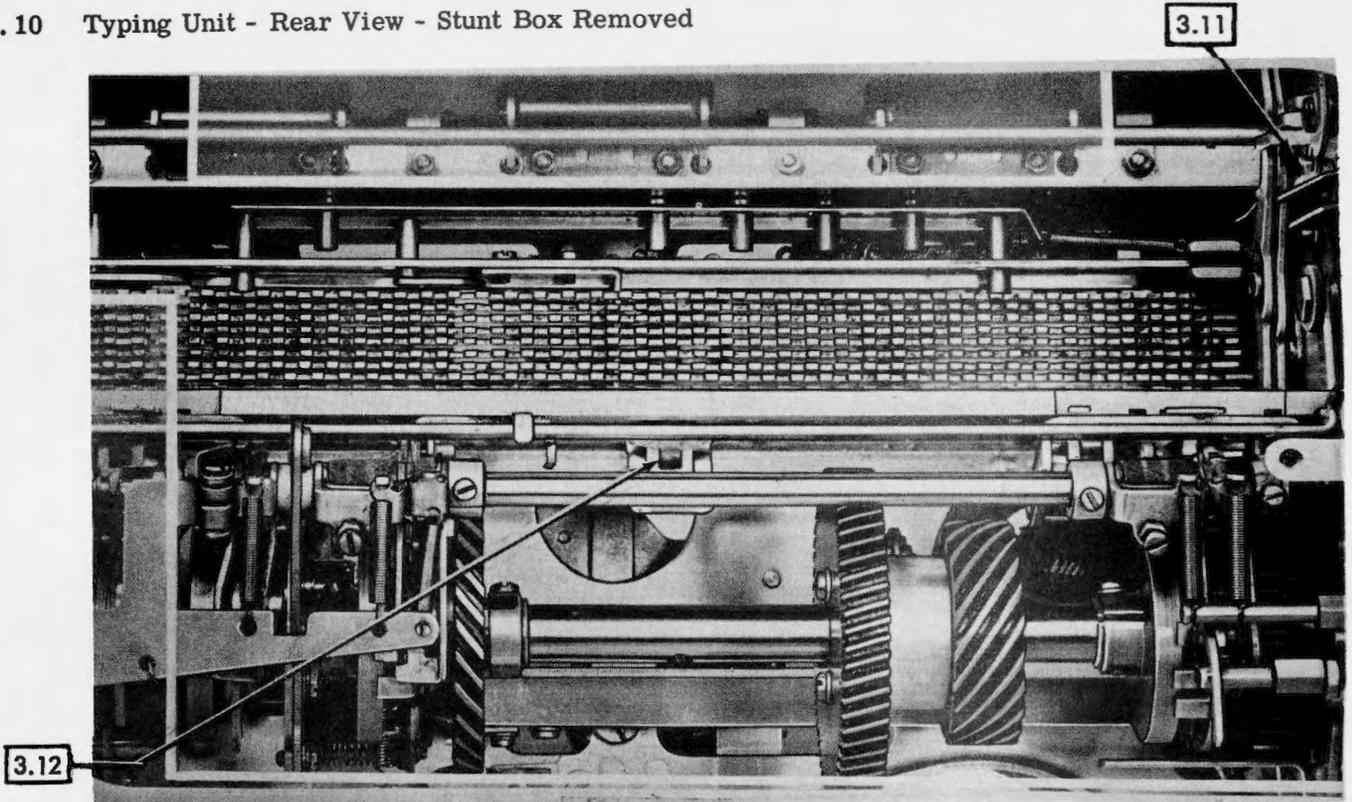


SELECTIVE CALLING MECHANISM

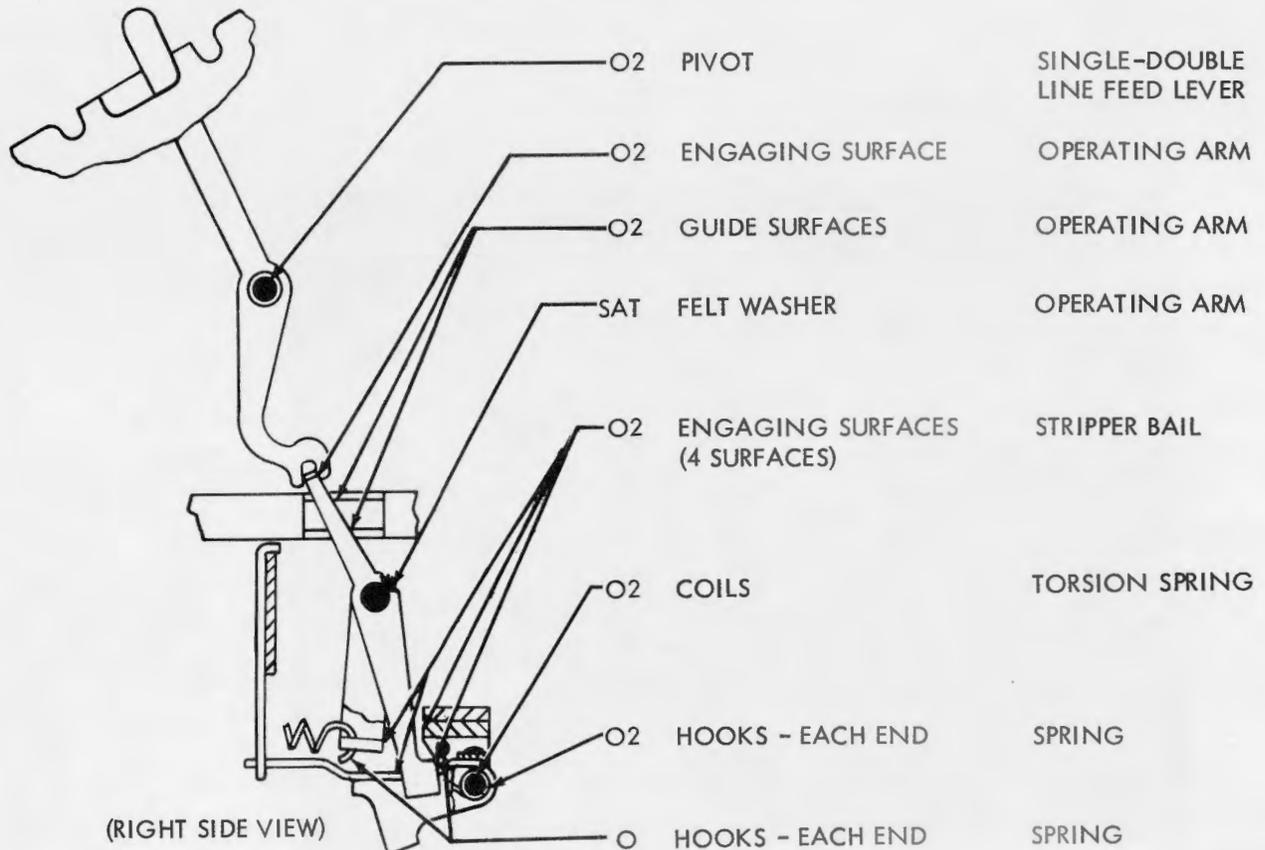
3.07 Typing Unit - Rear View



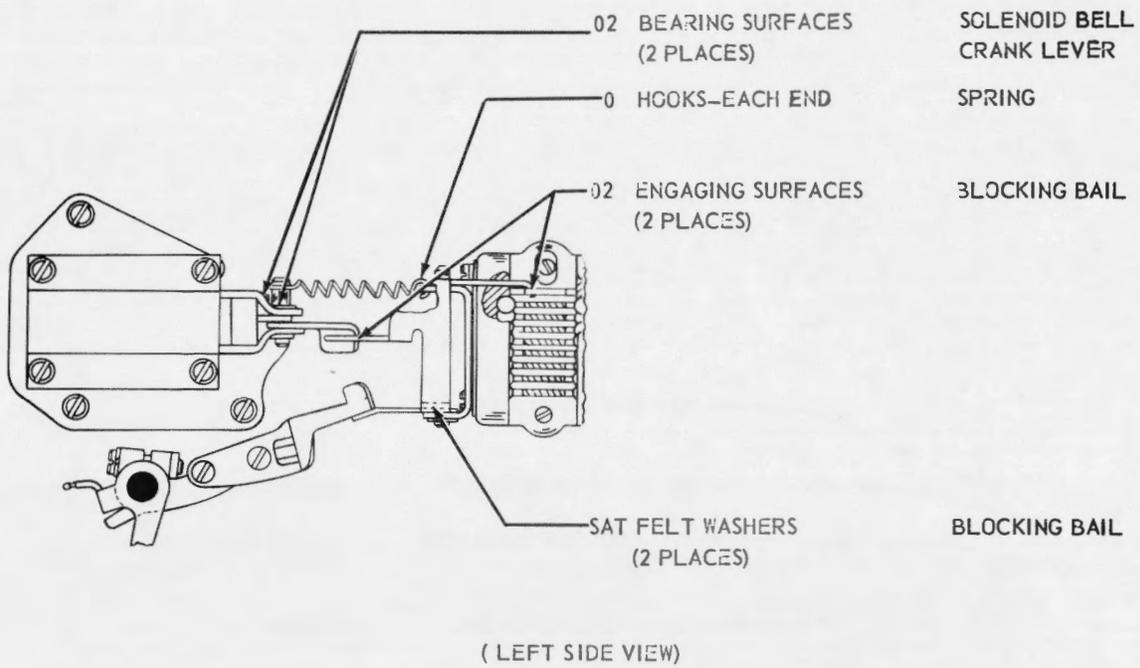
3.10 Typing Unit - Rear View - Stunt Box Removed



3.11 Single-Double Line Feed Mechanism

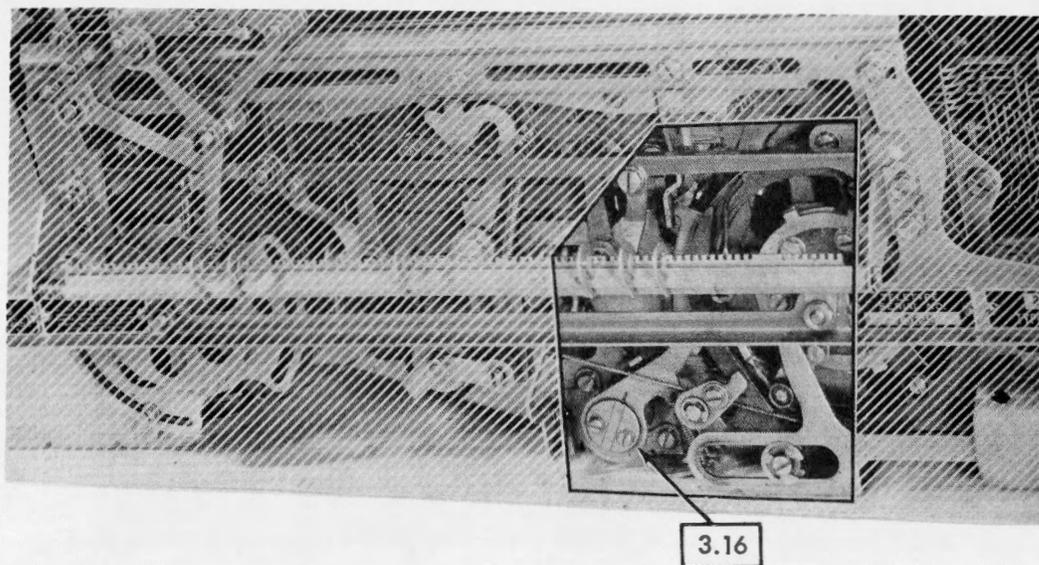


3.14 Clutch Suppression Mechanism

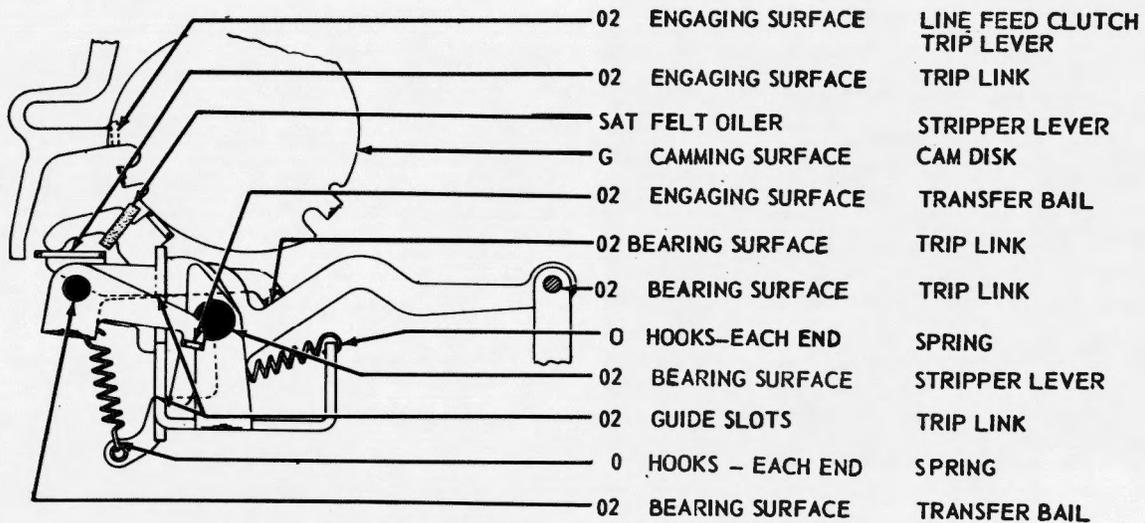


LOCAL BACKSPACE MECHANISM

3.15 Typing Unit - Front View



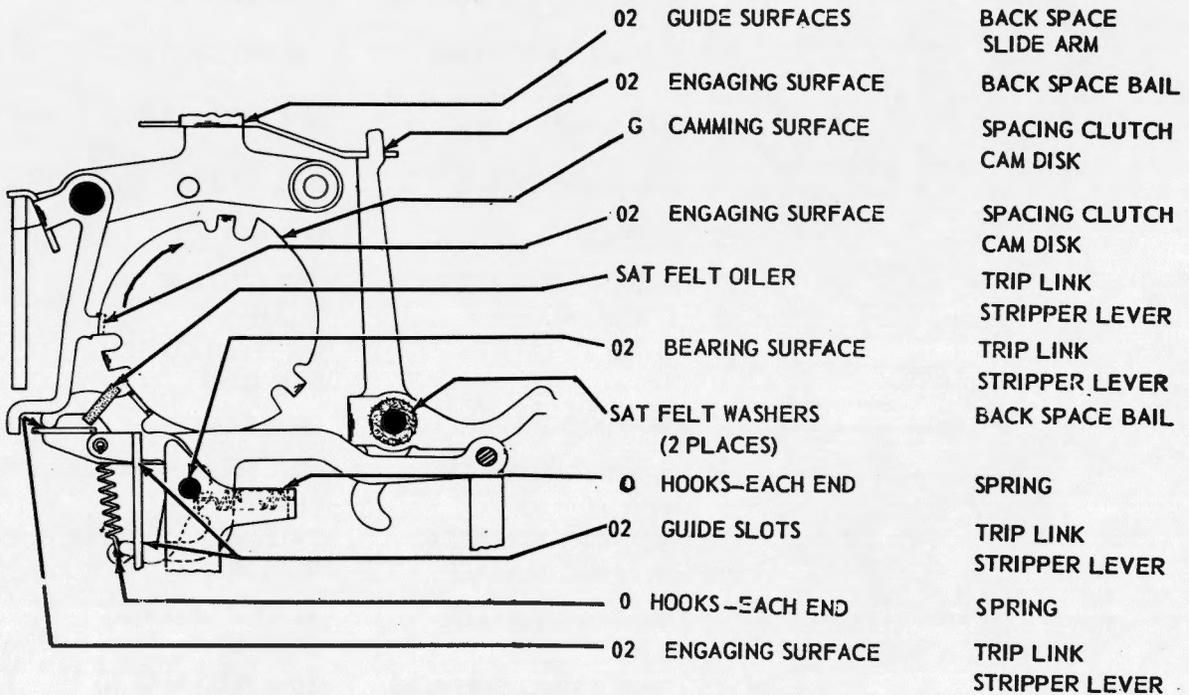
3.18 Trip Mechanism



(LEFT SIDE VIEW)

LOCAL BACKSPACE MECHANISM (Cont'd)

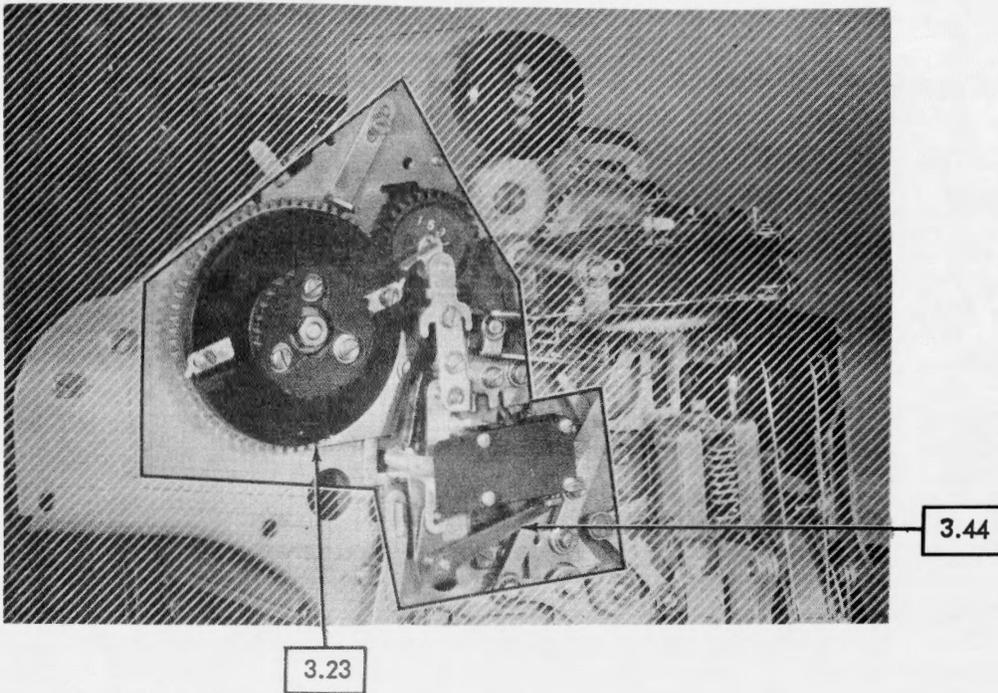
3.19 Trip Mechanism



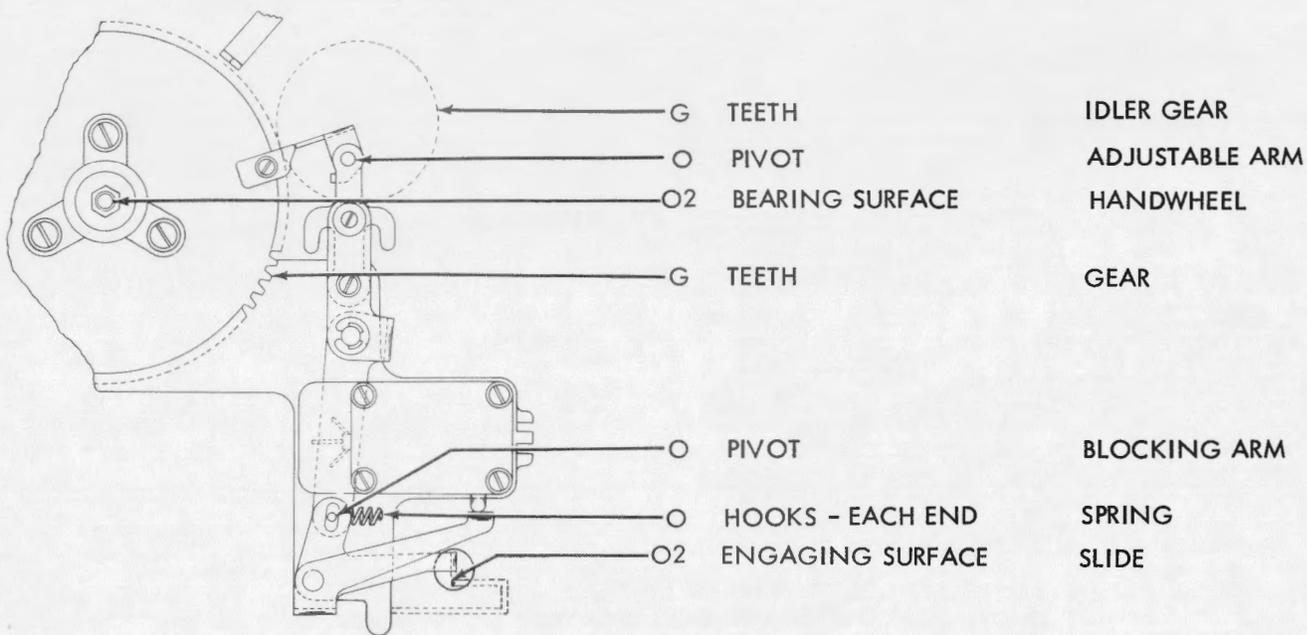
(LEFT SIDE VIEW)

PAGE FEED-OUT MECHANISM

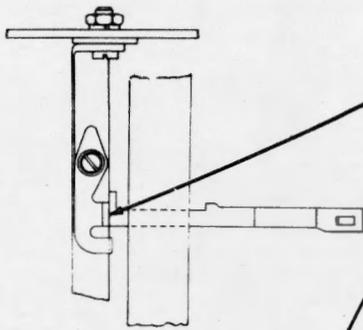
3.22 Typing Unit - Rear Left End View



3.23 Drive Mechanism



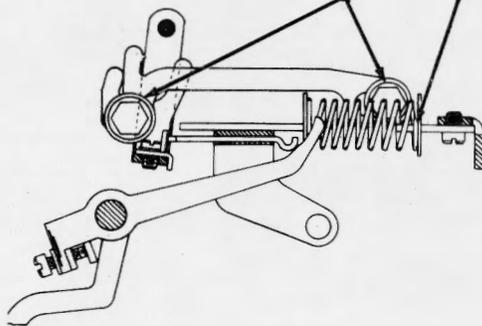
3.26 Slide Arm Bracket



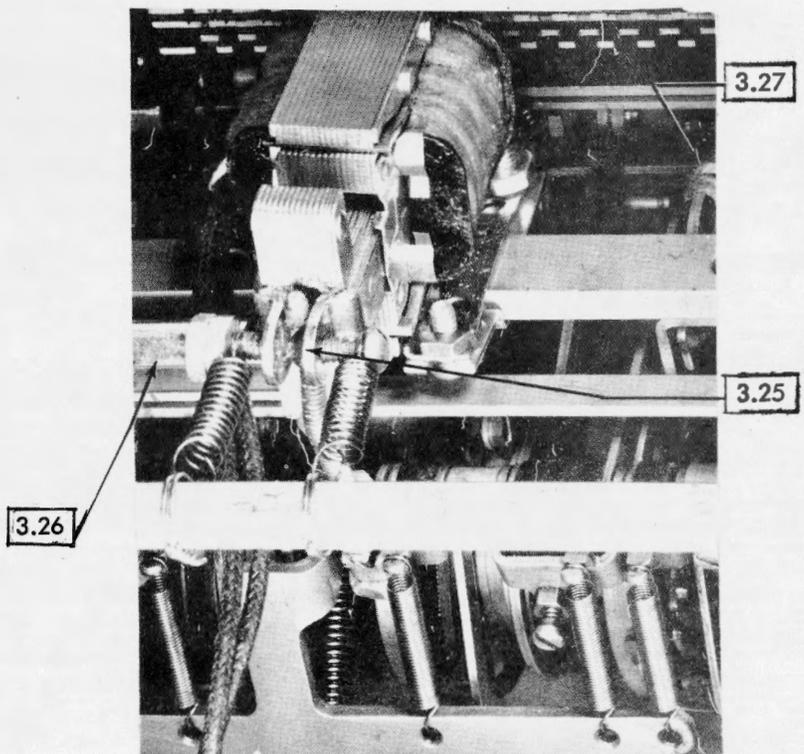
- 02 ENGAGING SURFACE (TWO BRACKETS)
- SAT FELT WASHERS (EACH END)
- 02 ENGAGING SURFACE (EACH END)

- C.R. SLIDE ARM BRACKET
- L.F. SLIDE ARM BRACKET
- CONNECTING LINK
- COMPRESSION SPRING (LP 6 & 9 ONLY)

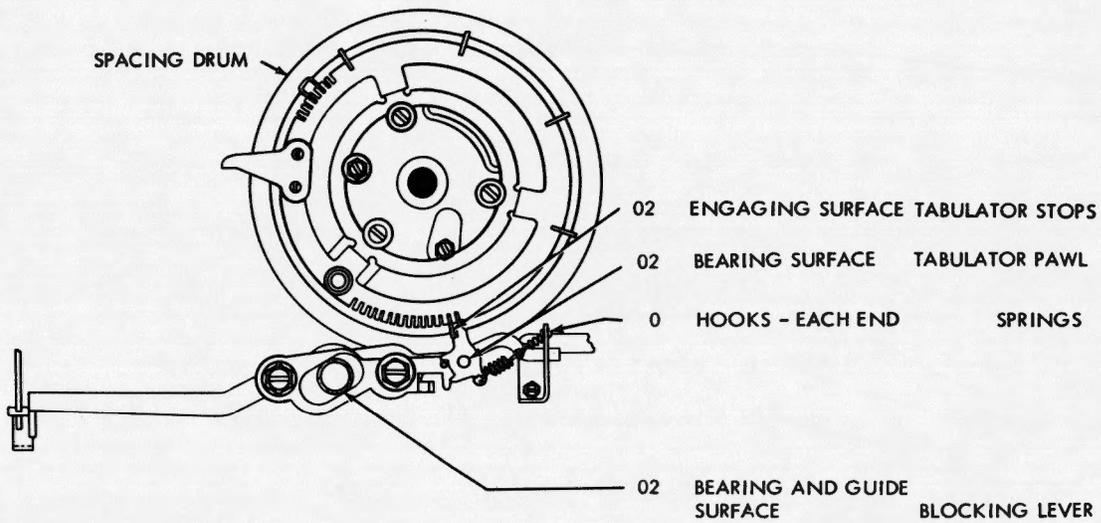
3.27 Compression Spring



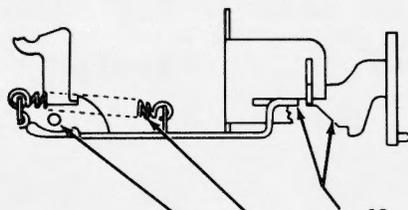
3.28 Typing Unit - Rear View



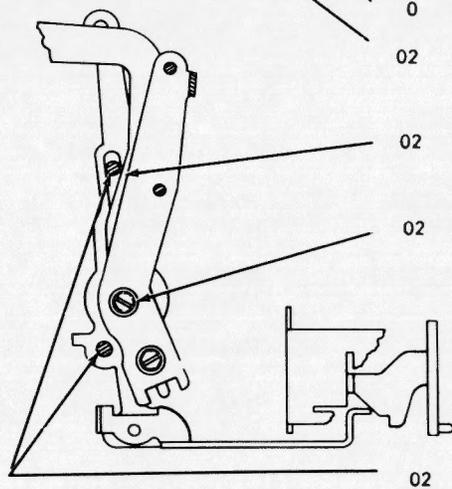
3.31 Blocking Lever



3.32 Slide Arm



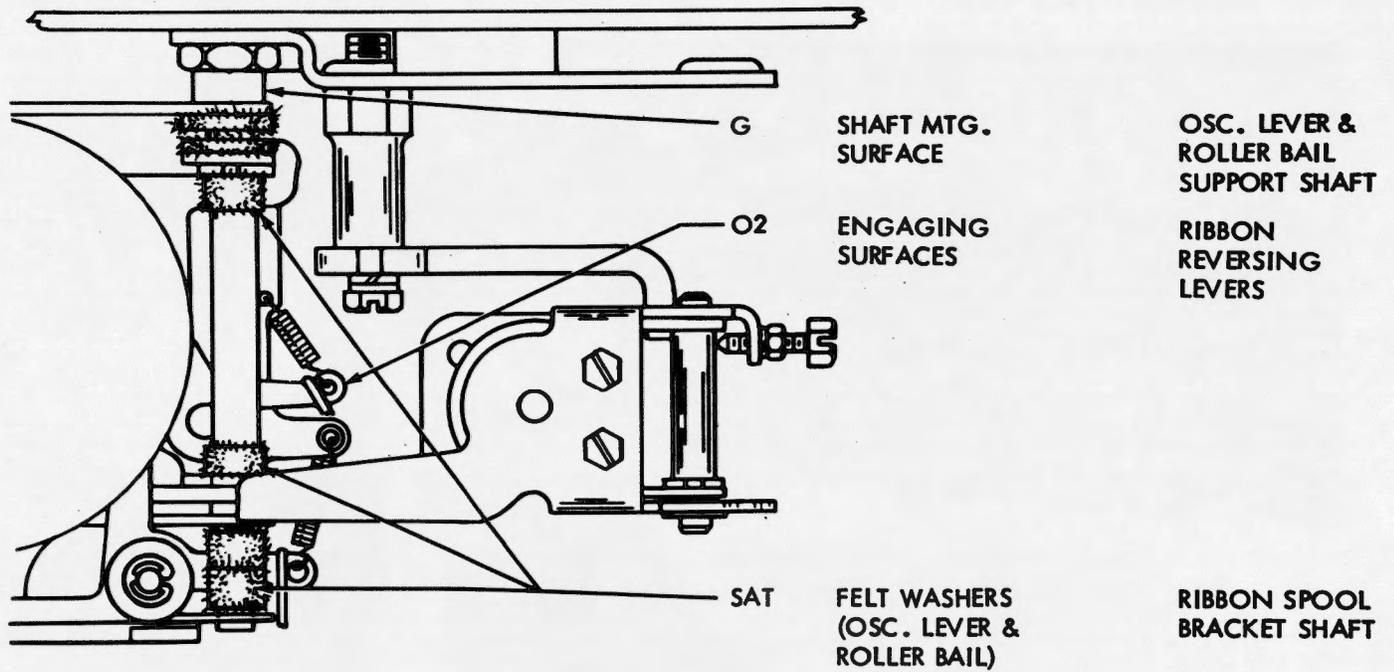
3.33 Operating Lever



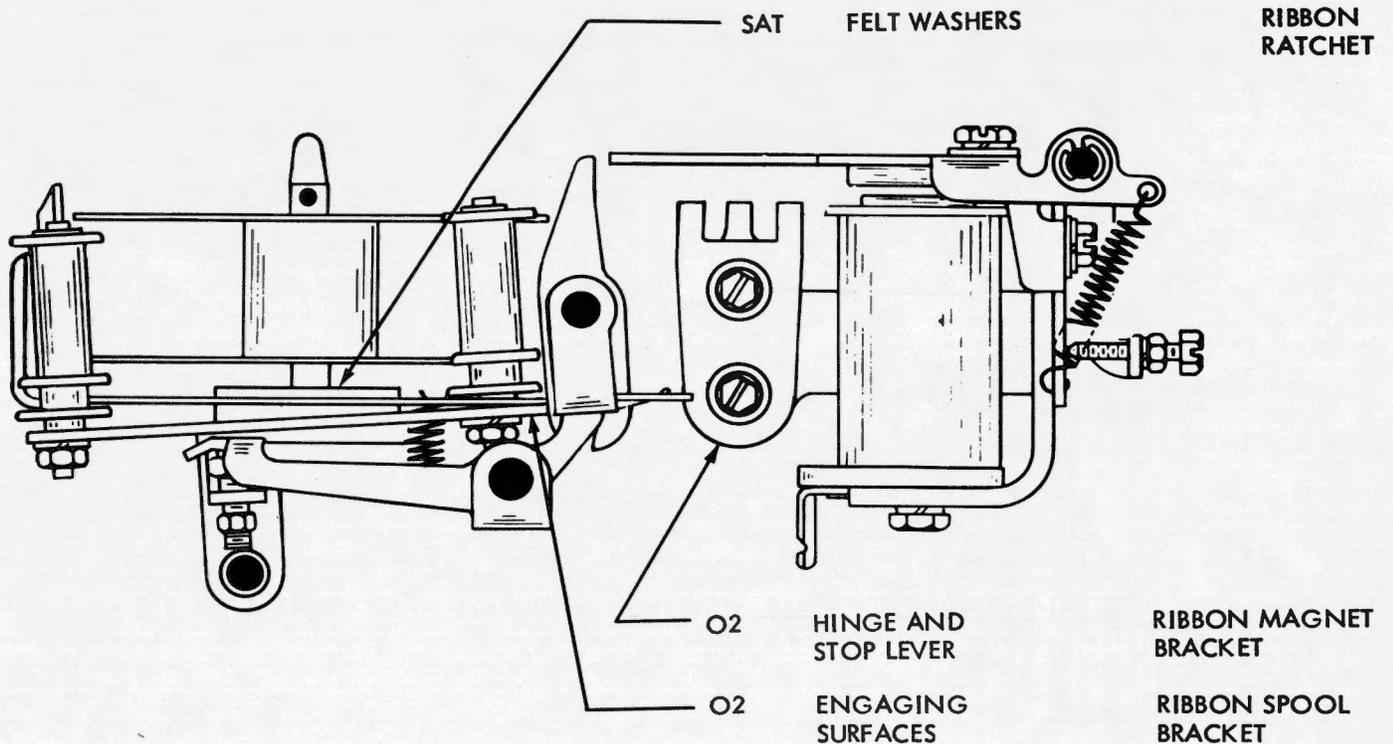
- 02 ENGAGING SURFACE WITH BLOCKING LEVER AND BRACKET OPERATING LEVER SLIDE ARM
- 0 HOOKS - EACH END SLIDE ARM SPRING
- 02 BEARING SURFACE OPERATING LEVER SLIDE ARM
- 02 CONTACTING SURFACE WITH ADJUSTING PLATE OPERATING LEVER
- 02 BEARING SURFACE TRIP LEVER ARM LATCH BAIL
- 02 BEARING SURFACE OPERATING LEVER

TWO COLOR RIBBON MECHANISM

3.39 Oscillating Lever

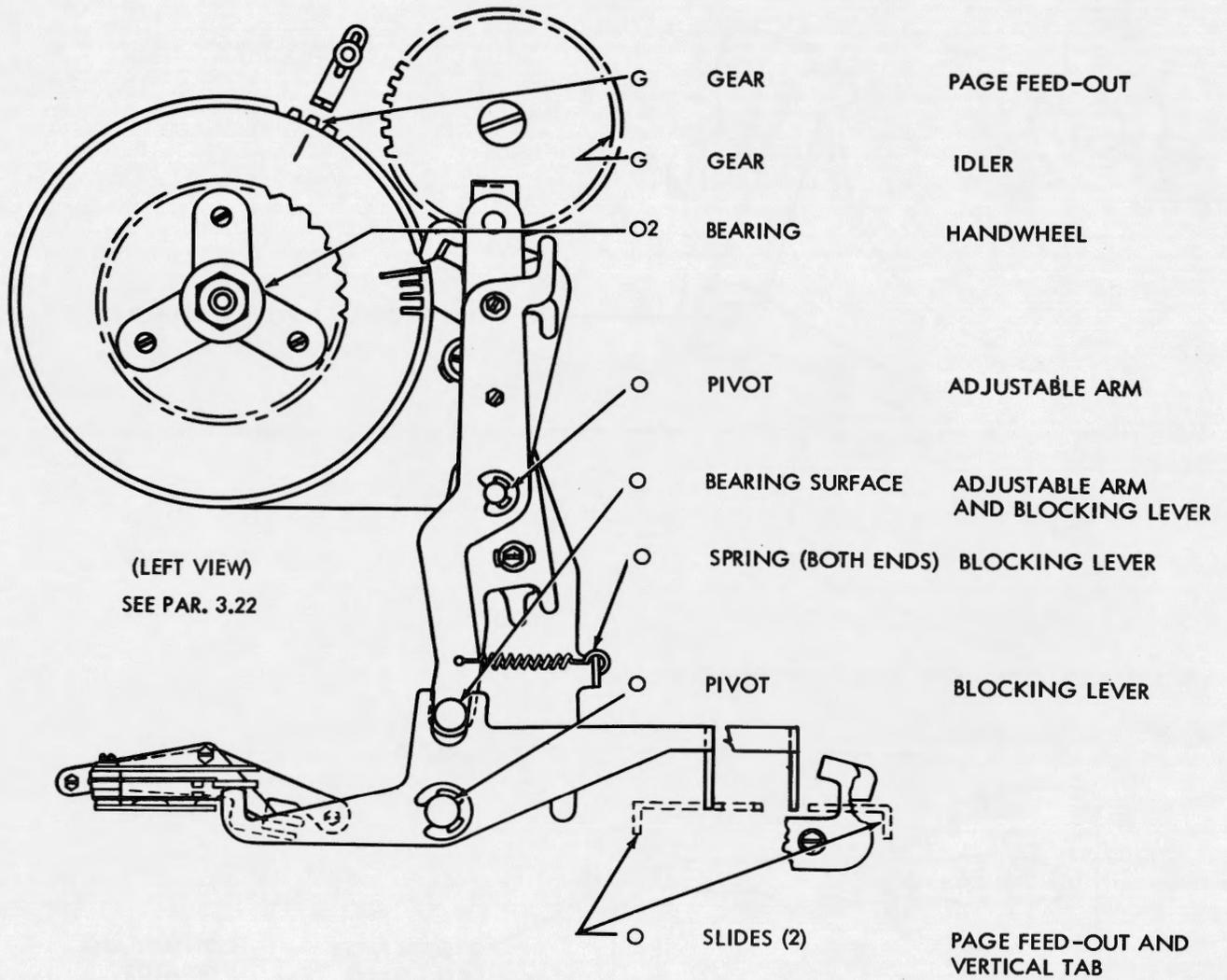


3.40 Ribbon Operating Mechanism



**VERTICAL TABULATION AND TRANSMITTER DISTRIBUTOR CONTROL MECHANISM**

**3.43 Control Mechanism**

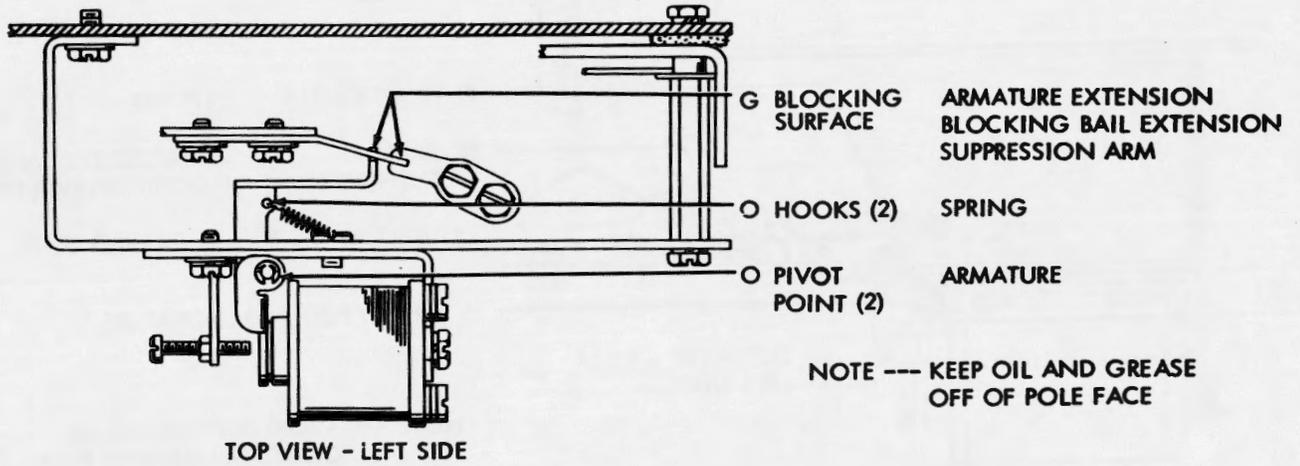


(LEFT VIEW)  
SEE PAR. 3.22

- G GEAR PAGE FEED-OUT
- G GEAR IDLER
- O2 BEARING HANDWHEEL
- PIVOT ADJUSTABLE ARM
- BEARING SURFACE ADJUSTABLE ARM AND BLOCKING LEVER
- SPRING (BOTH ENDS) BLOCKING LEVER
- PIVOT BLOCKING LEVER
- SLIDES (2) PAGE FEED-OUT AND VERTICAL TAB

**DC MAGNET OPERATED PRINT SUPPRESSION MECHANISM**

**3.46 Suppression Mechanism**



**LETTERS-FIGURES CODEBAR SHIFT MAGNET MECHANISM**

**3.47 Shift Magnet Mechanism**

