OLIVETTI TAPE PRINTER

A production model of an Olivetti Tape Printer.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

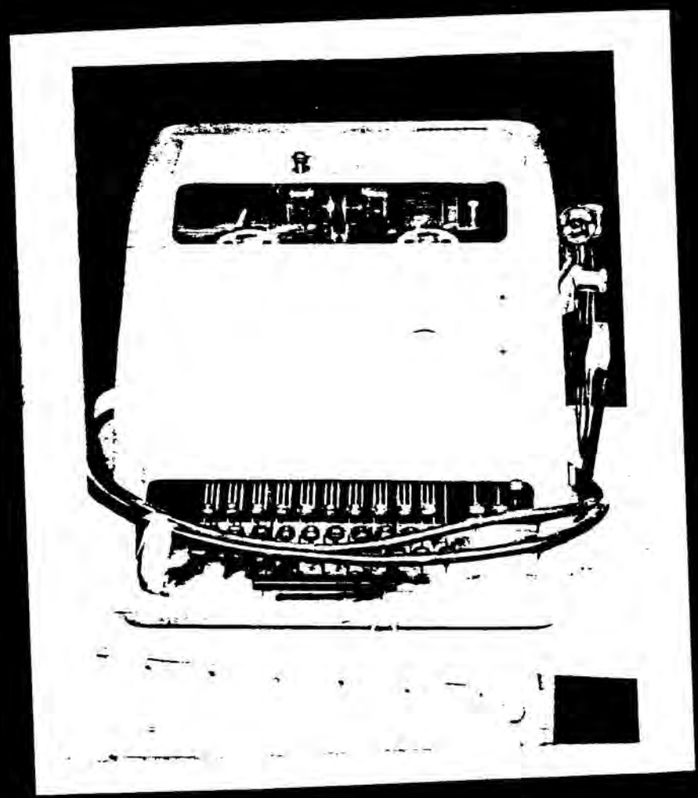
MUSEUM EQUIPMENT CODE: 2D-1

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid T096; 530811-71

PATENT(S):

LIBRARY REFERENCE(S):



MULTIPLEX TAPE TRANSMITTER

Magnet driven 5-Level tape reader for Multiplex transmissions.

Includes finger wheel for automatic control which sent supervi[sory] Bell Signals.

Coding: 1. Start
2. Rerun
3. Repunch
4. Stop
5. Plant maintenance

YEARS PRODUCED & QUANTITY: 1920

PRIMARY CUSTOMER(S): Western Union, Western Electric

CLASSIFICATION CODE:

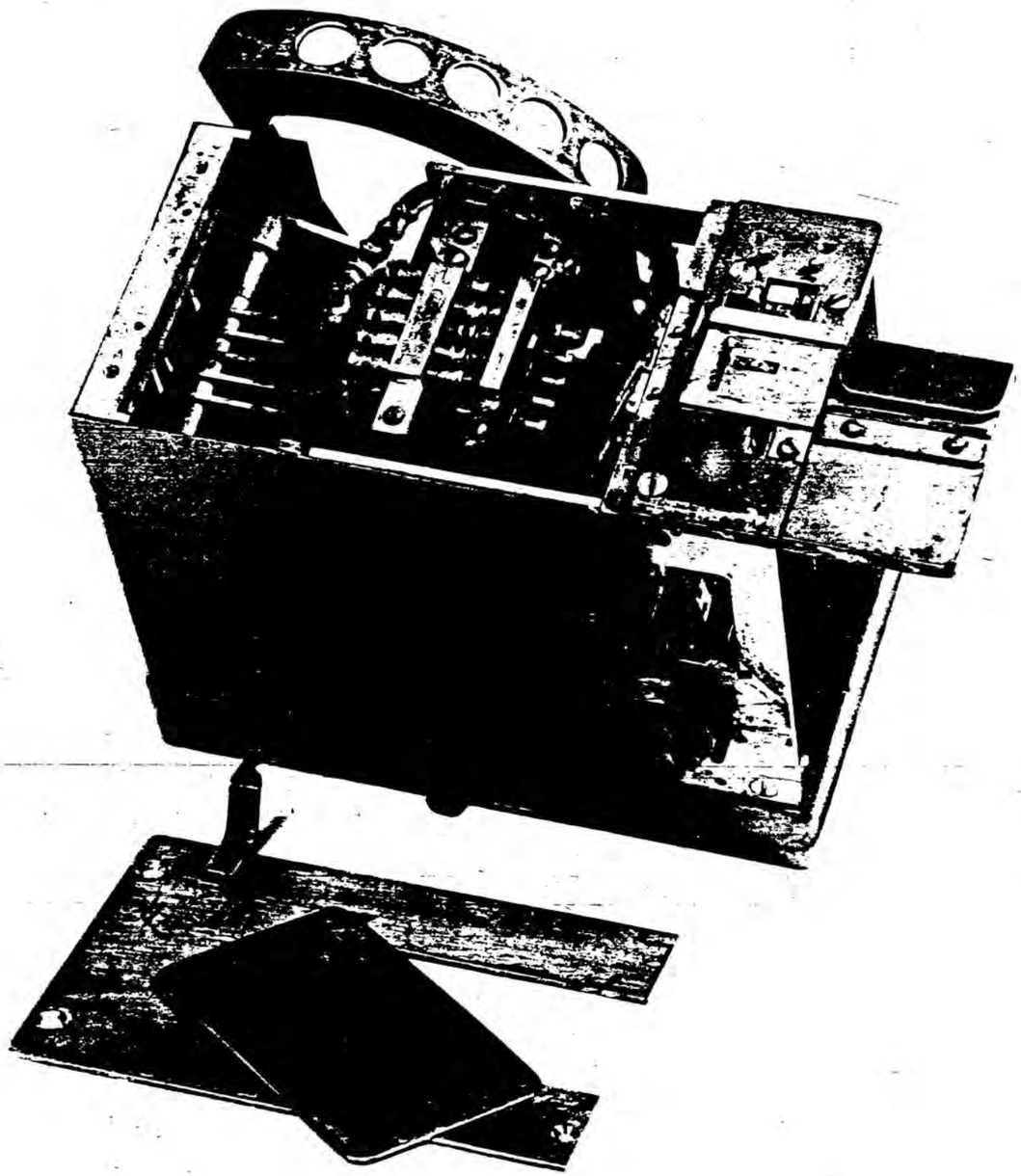
MUSEUM EQUIPMENT CODE: 3B-1

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 301011-1 631120-26,27

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR (XD)
MORKRUM

5-Level, start-stop system, 7.42 code. Cam actuated tape feed mechanism, sensing fingers and sensing levers. Bail, sensing lever and finger position actuated distributor contact. Single contact distributor, neutral signals. Can be used for polar s transmission. Centrifugal governor. Tape reading mechanism mounted on side of unit.

Early model that evolved into the XD3 unit.

YEARS PRODUCED & QUANTITY: 1923

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

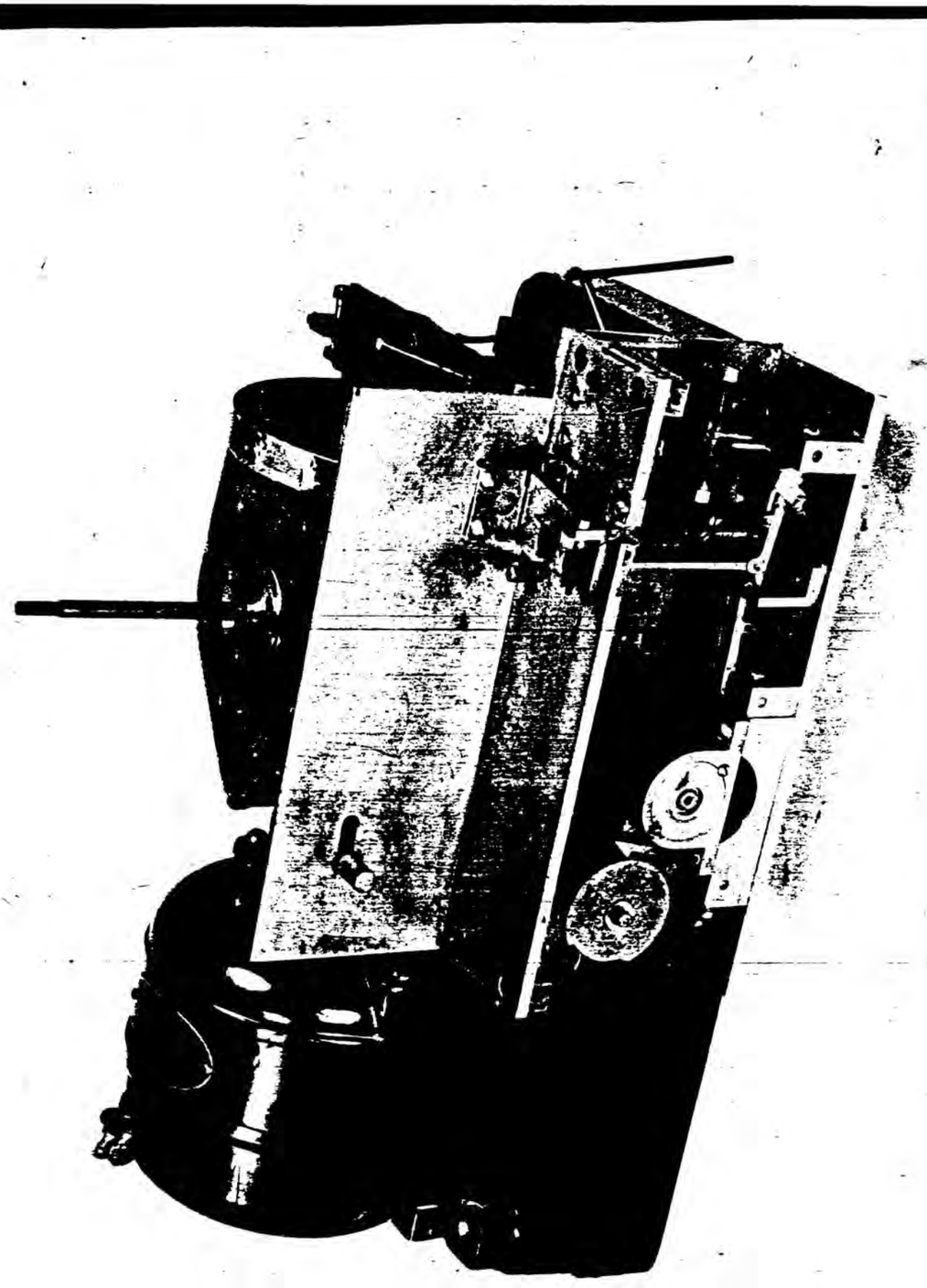
MUSEUM EQUIPMENT CODE: 3B-2

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 280501-7 631212-76,77

PATENT(S):

LIBRARY REFERENCE(S):



CLIVETTI TAPE PRINTER

A production model of an Olivetti Tape Printer.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 2D-1

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid T096; 530811-71

PATENT(S):

LIBRARY REFERENCE(S):

TRANSMITTER DISTRIBUTOR
(Morkrum-Kleinschmidt)

Auxiliary cam inserts stop time and other functions. Sensing lever cam lobes operate levers, and contacts simultaneously.

Tape transmitter distributor has 6 levels. Tape sensi- ...ers and sensing levers are cam actuated. Fingers and levers actuate ...s for polar or neutral output. Contact assembly provides a single contact for each level. Contacts can provide sequential or parallel wire outputs. Friction clutch on cam shafts.

Experimental model of 6 level XD.

YEARS PRODUCED & QUANTITY: 1924

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

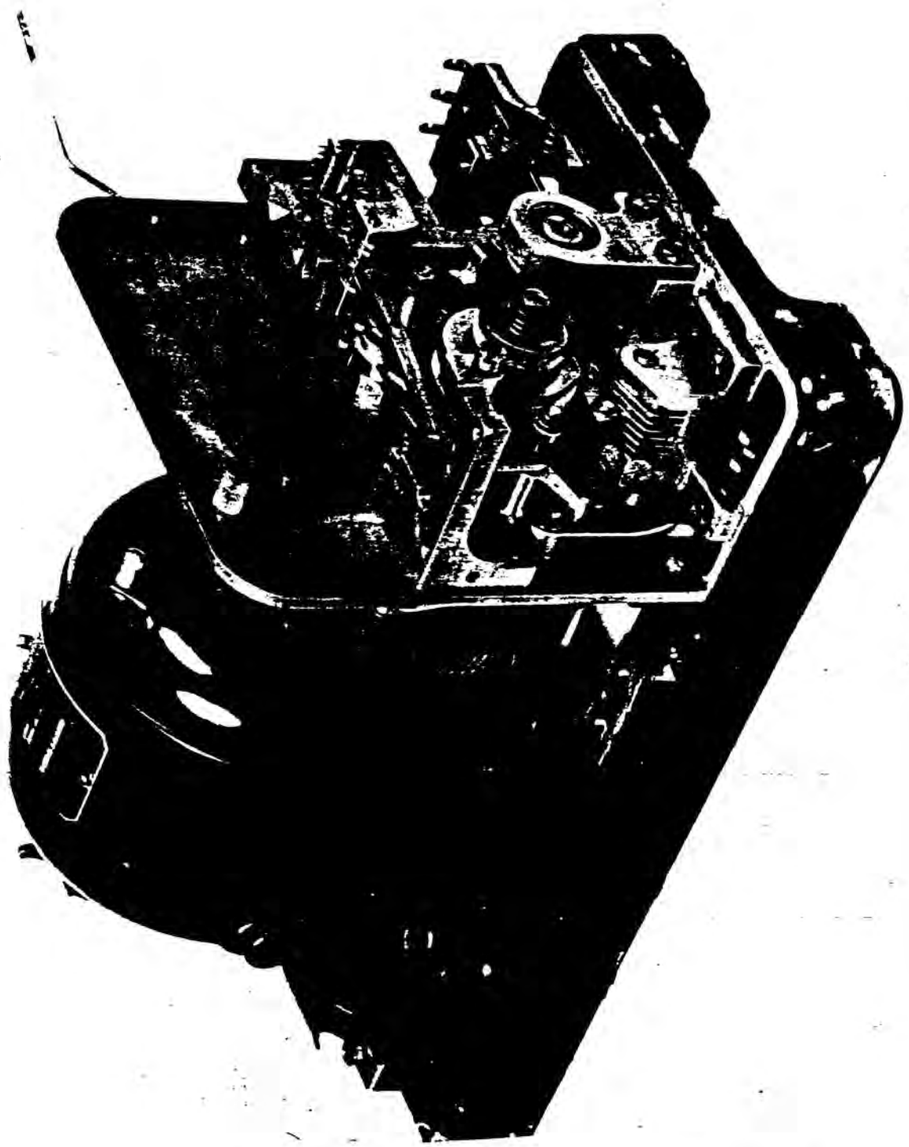
MUSEUM EQUIPMENT CODE: 3B-3

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 301010-4 631129-83, -84

PATENT(S):

LIBRARY REFERENCE(S):



Scrap 3B-3 RRS 1/16/71

MECHANICAL TRANSMITTER

A magnet driven tape reader with a mechanical auto-stop feature.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

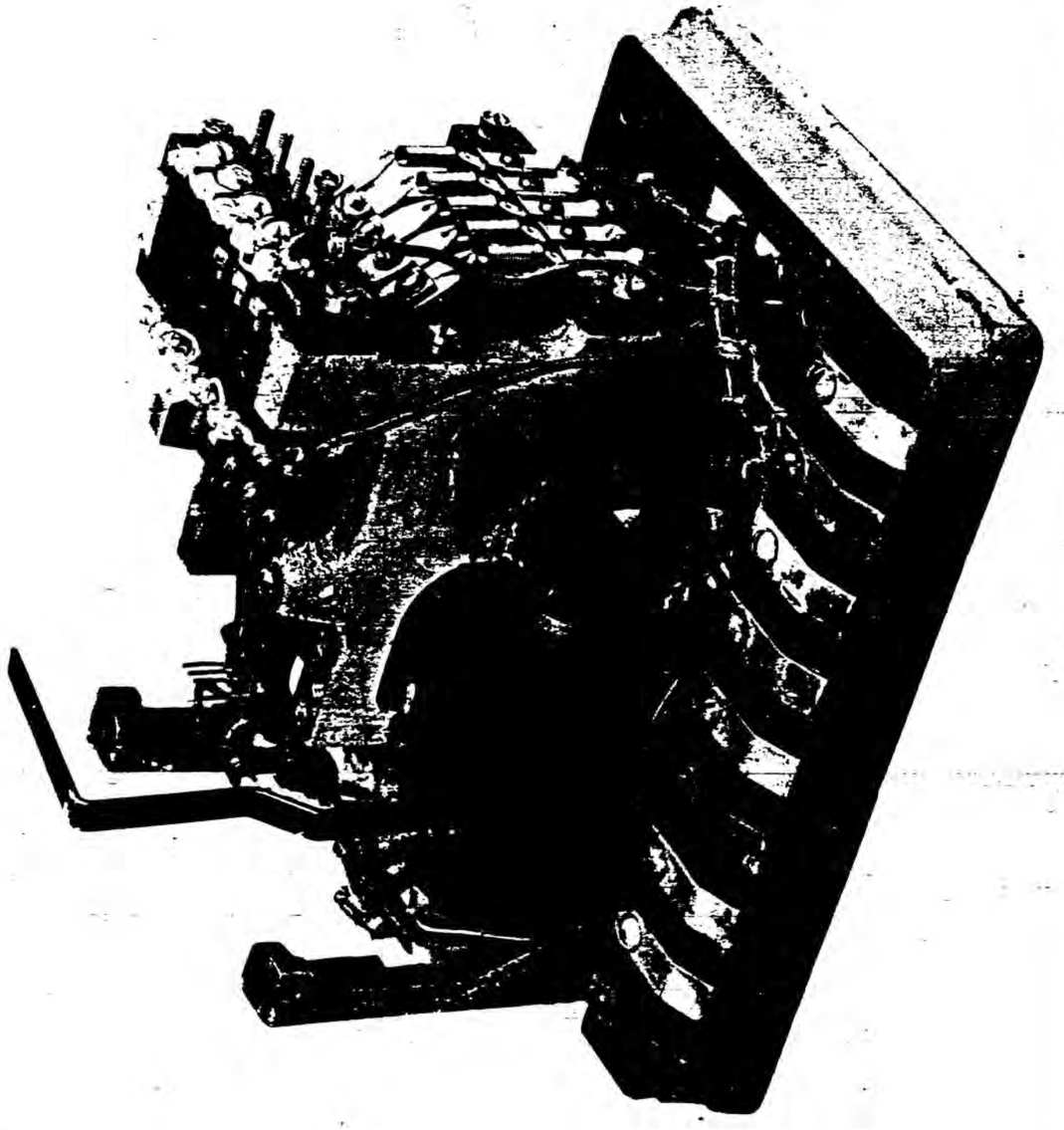
MUSEUM EQUIPMENT CODE: 3B-4

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631120-22 281206-5

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR
(KLEINSCHMIDT)

6-Level Tape Reading Trsnsmitter Distributor. DC Motor, Peripheral Ring Governor.

Sensing fingers, selector levers, cam operated. Sequential selection of sensing fingers. Two contact distributor. Polar or neutral. Con actuated by bail sensing the sensing fingers positions. Rod actuated by start coil armature actuates clutch lever to clear clutch stop. Selector cam equipped with friction clutch.

Early design of transmitter distributor that evolved into the XD type.

YEARS PRODUCED & QUANTITY: 1926

PRIMARY CUSTOMER(S): Railroads, Newspapers, Wire Services

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 3B-5

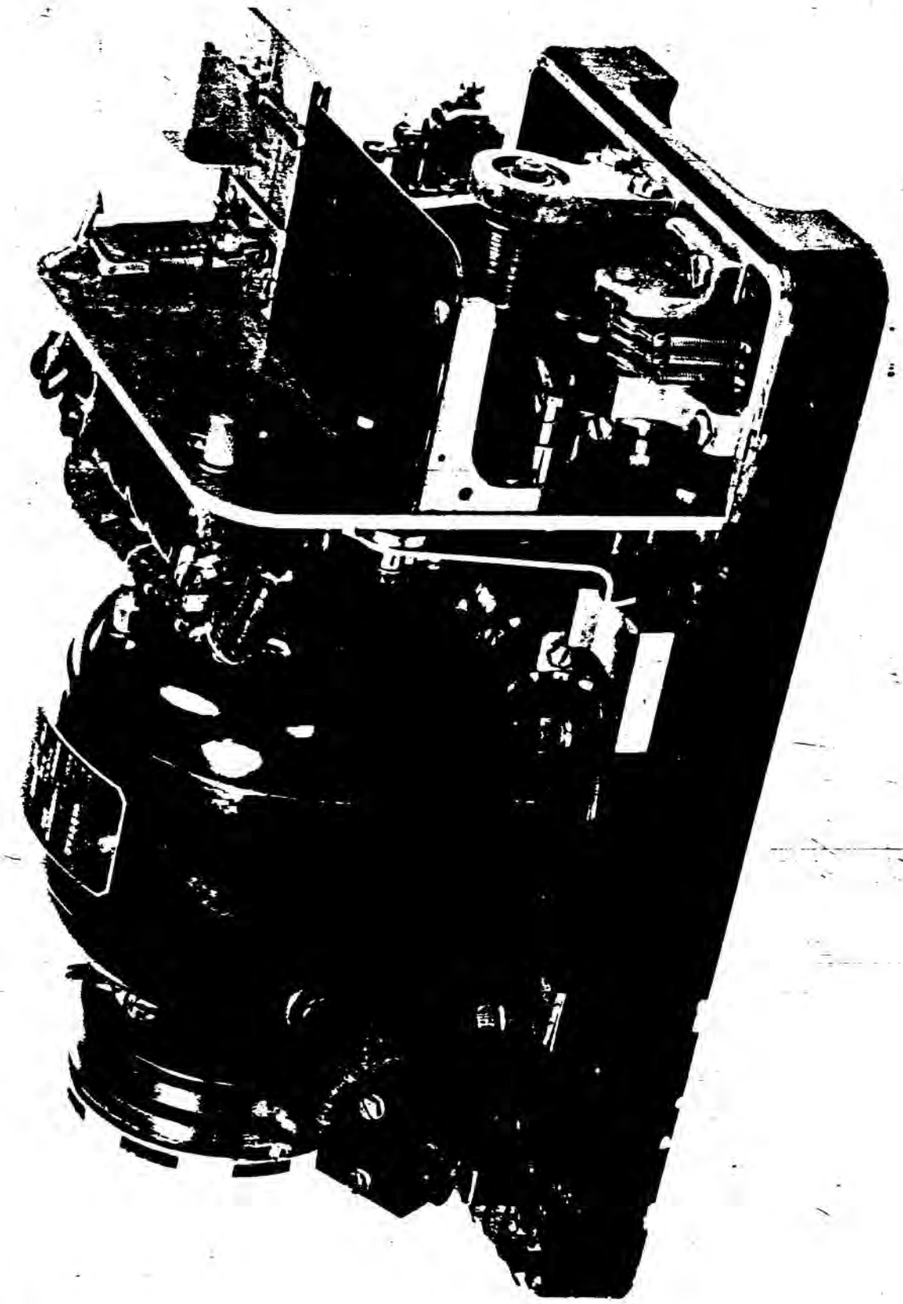
TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 510403-18 631129-80,79

PATENT(S):

LIBRARY REFERENCE(S):

Scrap 3B-5 RRS 1/1678



TRANSMITTER DISTRIBUTOR
KLEINSCHMIDT

This model features a motor governor which is adjustable while motor is running. It has a spotted disc for strobing motor speed. A mechanical sensing device operates a single contact.

YEARS PRODUCED & QUANTITY: 1926

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

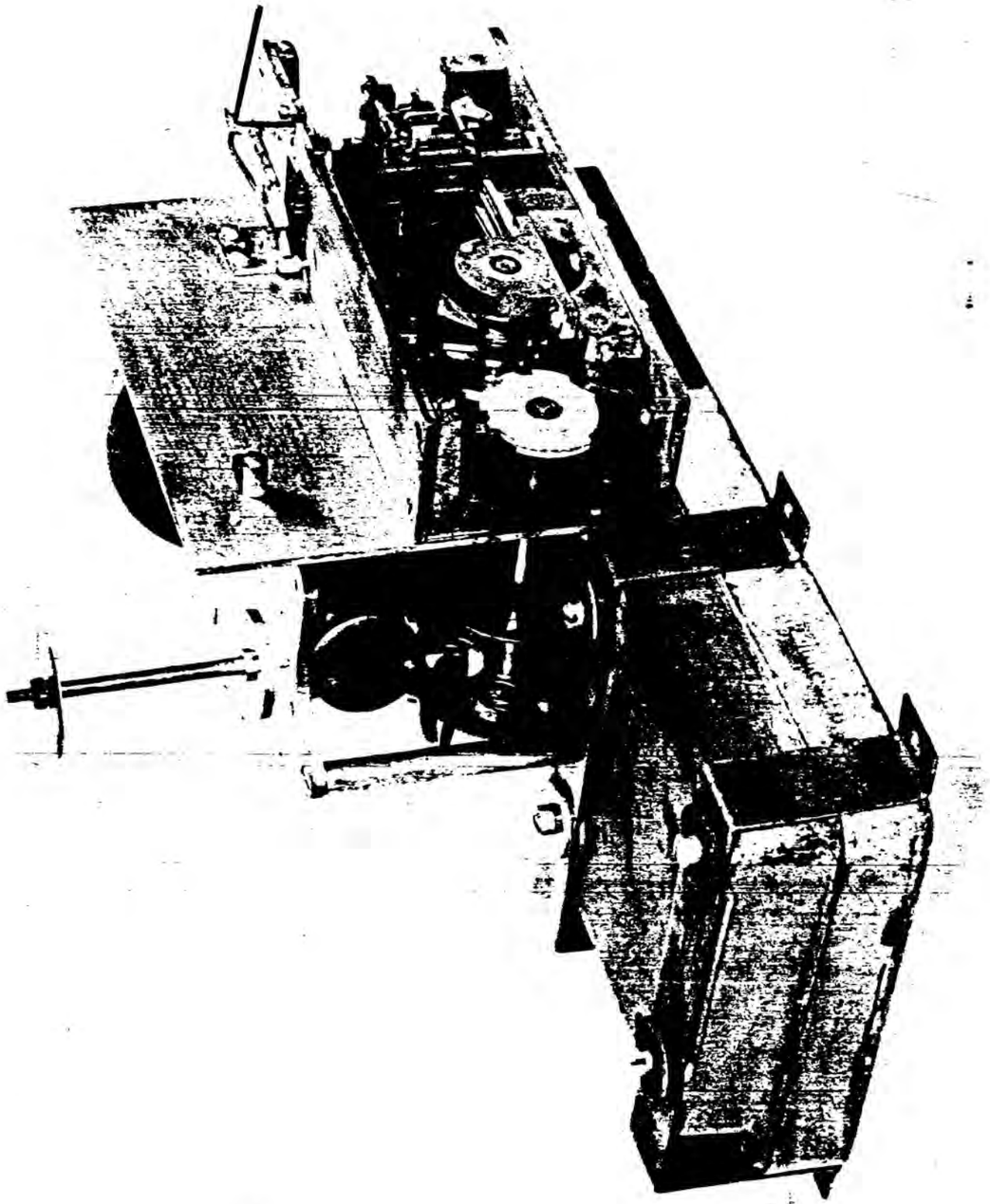
MUSEUM EQUIPMENT CODE: 3B-6

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631120-11,12 - 300405-1

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR
(KLEINSCHMIDT)

This model features mechanical sensing and feeding - single contact and tight tape mechanism.

YEARS PRODUCED & QUANTITY: 1926

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

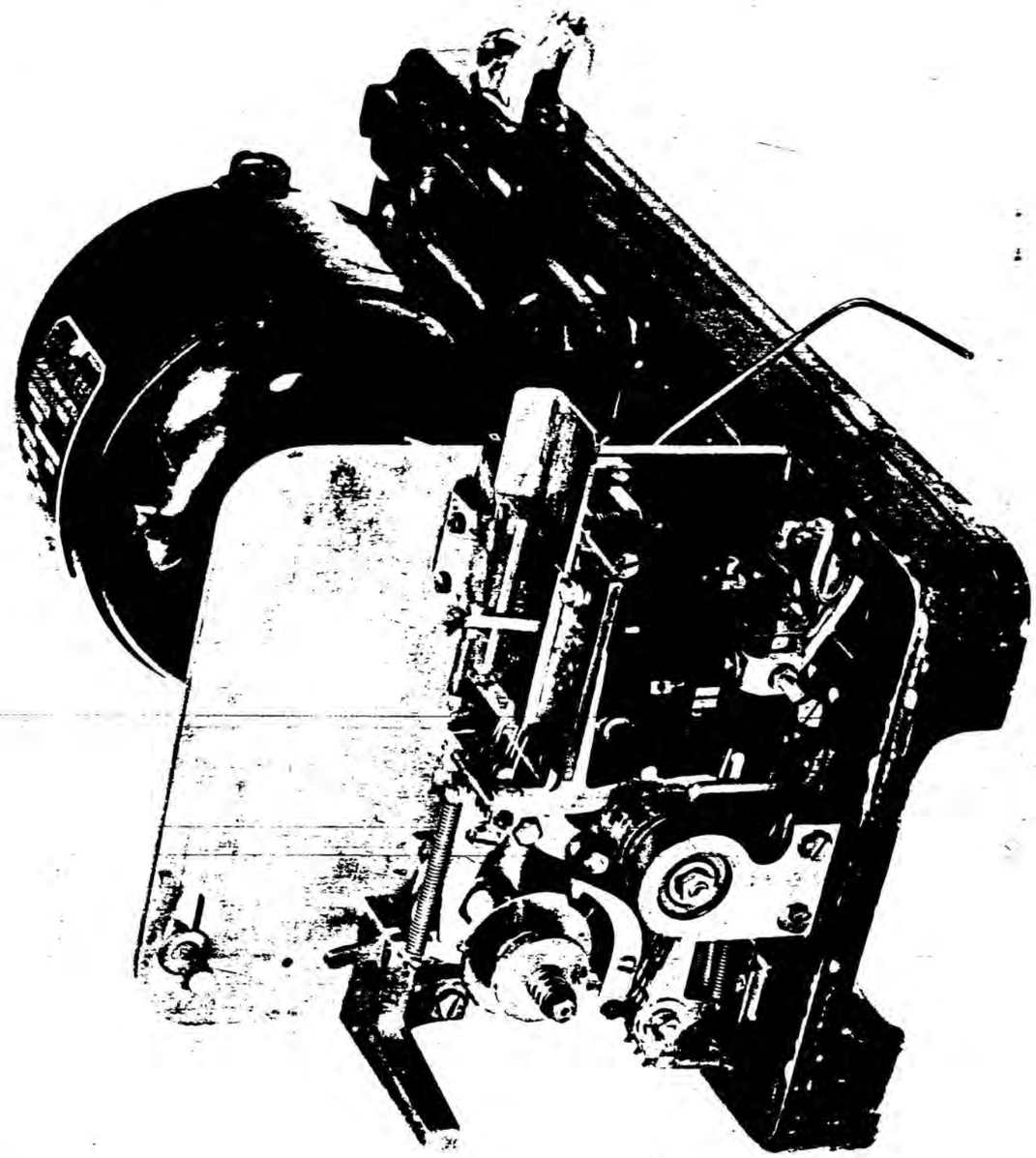
MUSEUM EQUIPMENT CODE: 3B-7

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631120-13,14 260821-5

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR (XD-3)

5-Level, Start-Stop, 7.42 code Tape Transmitter Distributor. Cam actuated tape feed, sensing fingers and levers. Single contact distributor for neutral signals. Governed motor. Tape reader mounted on side of unit.

This became XD-3.

YEARS PRODUCED & QUANTITY: 1926

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 3B-8

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 270126-1 631212-75

PATENT(S):

LIBRARY REFERENCE(S):

WHEATSTONE TRANSMITTER
(KLEINSCHMIDT)

This wheatstone transmitter (sends dots and dashes) features a variable drive and a unique governor.

YEARS PRODUCED & QUANTITY: 1930

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

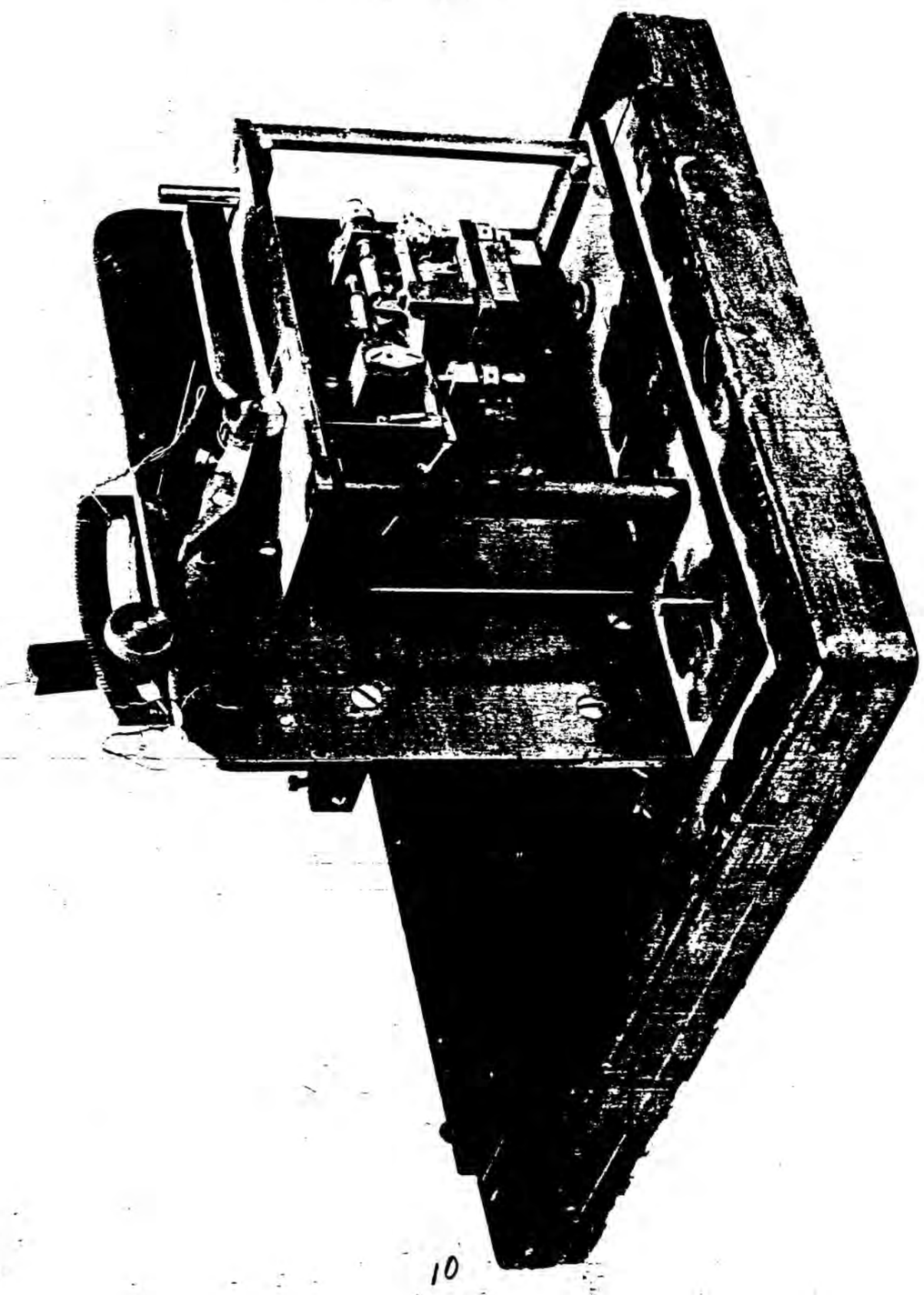
MUSEUM EQUIPMENT CODE: 3B-9

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631120-15,16,17

PATENT(S):

LIBRARY REFERENCE(S):



WHEATSTONE TRANSMITTER
(KLEINSCHMIDT)

This wheatstone transmitter (sends dots and dashes) features a variable drive and a unique governor.

YEARS PRODUCED & QUANTITY: 1930

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

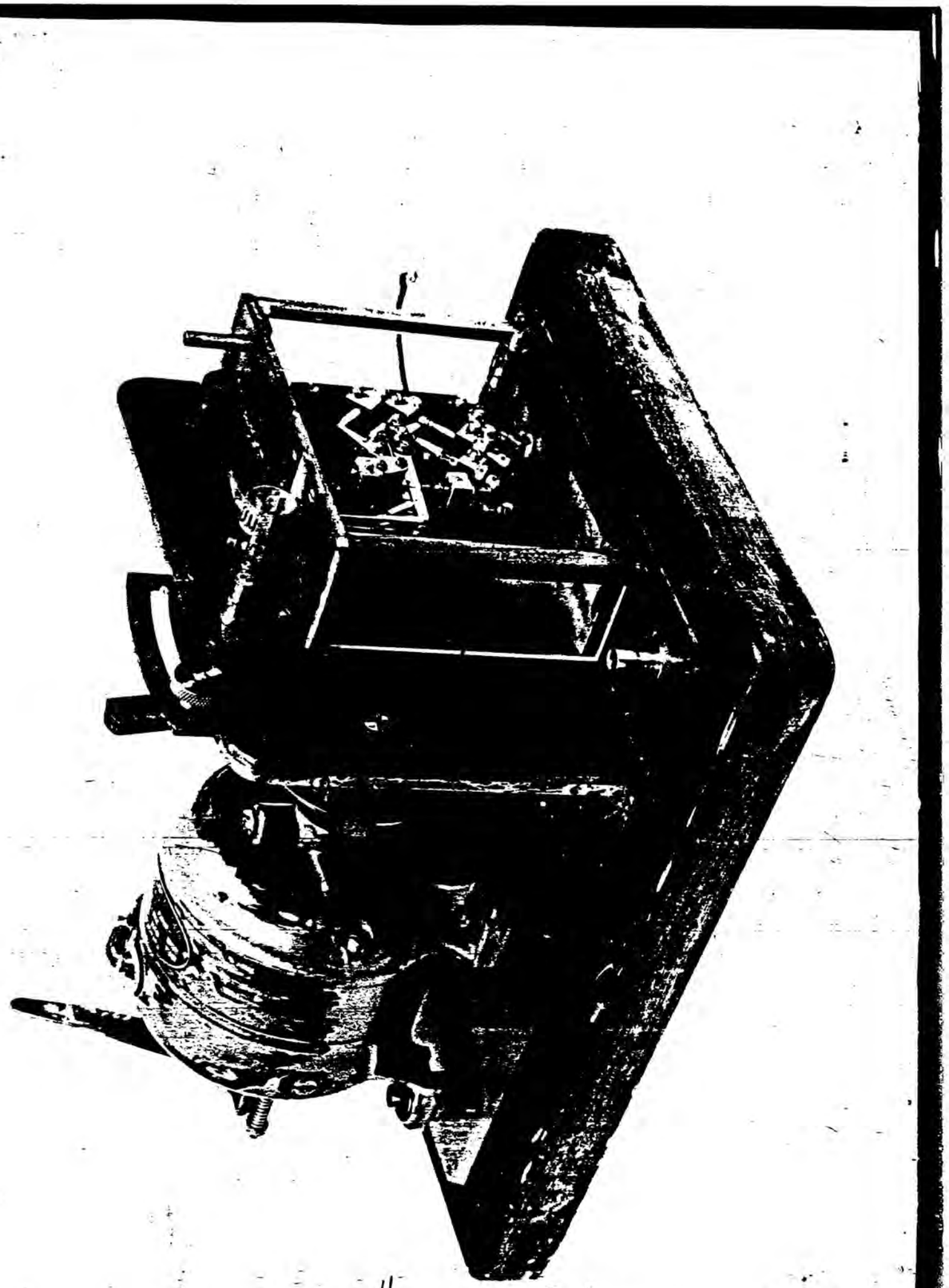
MUSEUM EQUIPMENT CODE: 3B-10

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631120-18,19 370721-96,97

PATENT(S):

LIBRARY REFERENCE(S):



Donated to Milwaukee Public Museum

TRANSMITTER-STORING KEYBOARD
(KLEINSCHMIDT)

Storing transmitter by Kleinschmidt. Uses Wheatstone perforator type selection means to position pins in a rotating pin wheel. Contact mechanism reads position of pins to produce output signal code.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 3B-11

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 640115-100

PATENT(S):

LIBRARY REFERENCE(S):

Donated to Edison Institut

GREEN CODE DISTRIBUTOR

A distributor used with the Green Code Printer.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

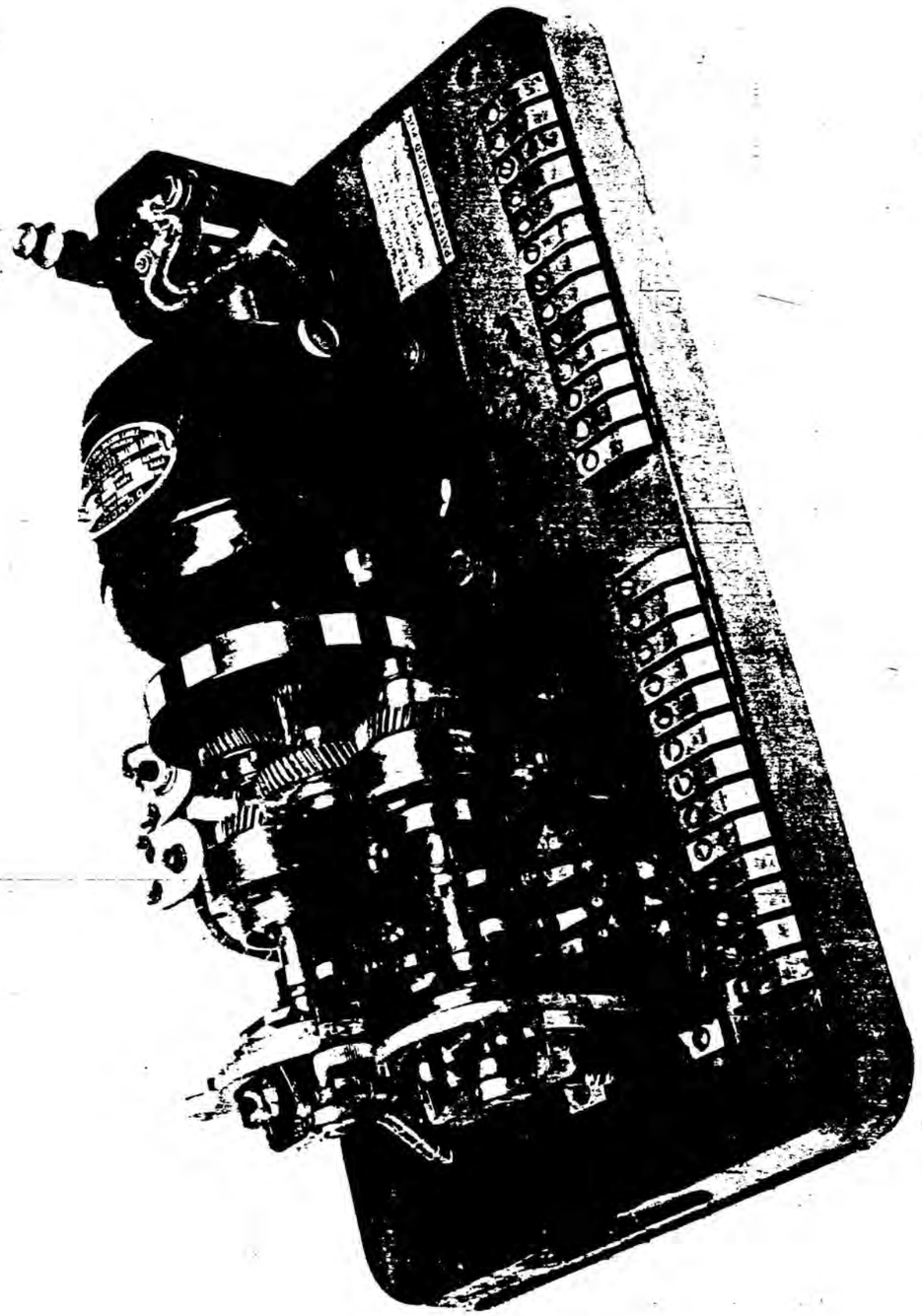
MUSEUM EQUIPMENT CODE: 3B-13

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631212-74; 281206-20

PATENT(S):

LIBRARY REFERENCE(S):



MODEL 42 TRANSMITTER (KLEINSCHMIDT)

Experimental Model of a Kleinschmidt transmitter. Motor driven, flywheel - weight governed, transmitter, appears to have a constantly r tating shaft with a drum for sending six characters at a pulses each at one end and a mechanism for detecting as controlling selection of impulses through multiple intacts at the other end.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE: Model 42

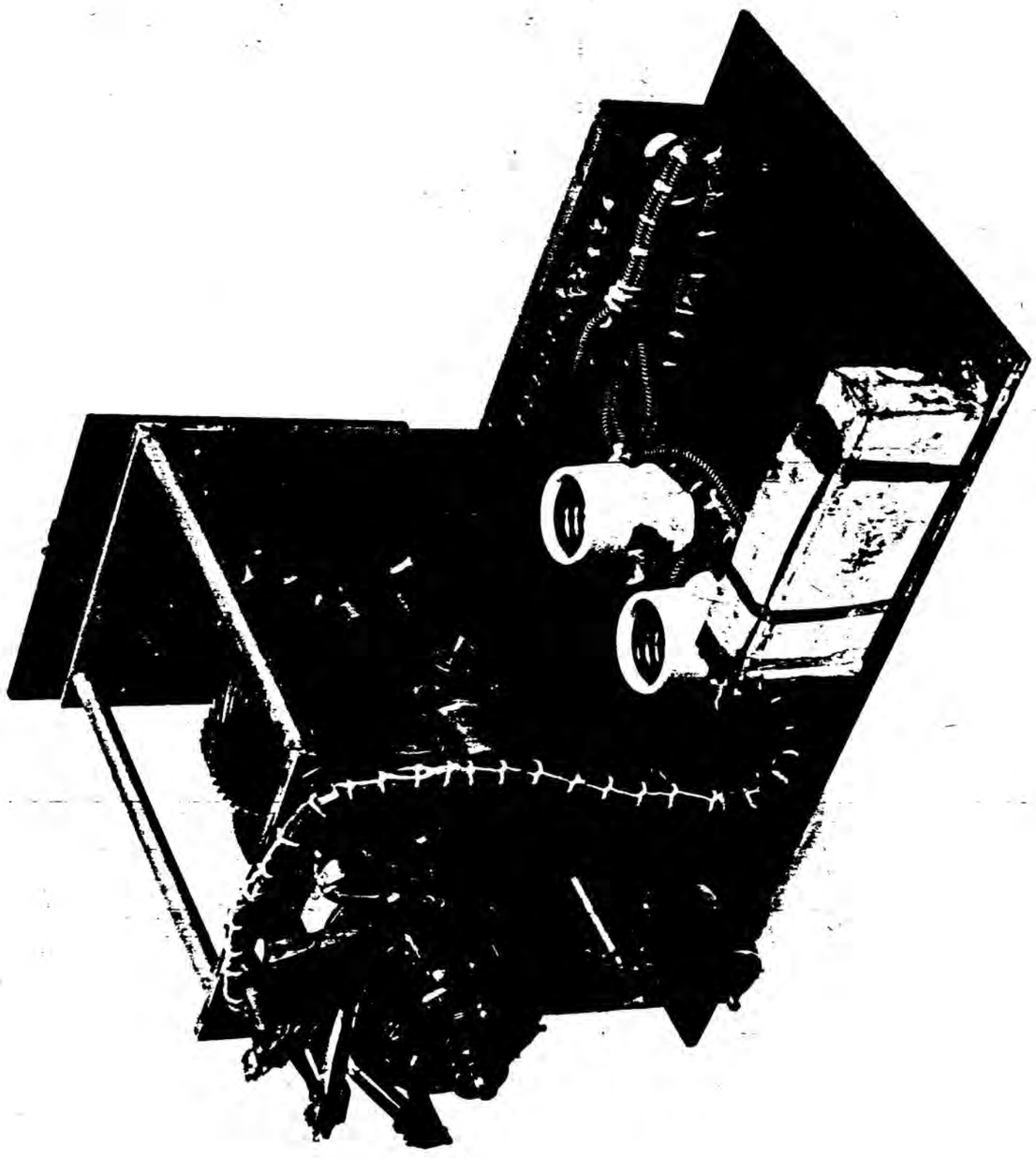
MUSEUM EQUIPMENT CODE: 3B-15

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 650326-7; 280501-29 630000-07,08

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR (XD) MORKRUM-KLEINSCHMIDT

An arly model of a 5-level, start-stop, 7.42 unit code, transmitt r distributor (XD). It featured cam actuated tape feed mechanism, s nsing fingers and sénsing levers. A bail sensing the lev r and finger position, marking or spacing, actuated the contact of a single contact distributor. Polar or neutral signals could b transmitted. Motor driven with centrifugal governor. Tape r ading mechanism mounted on side of unit.

YEARS PRODUCED & QUANTITY: C. 1922

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

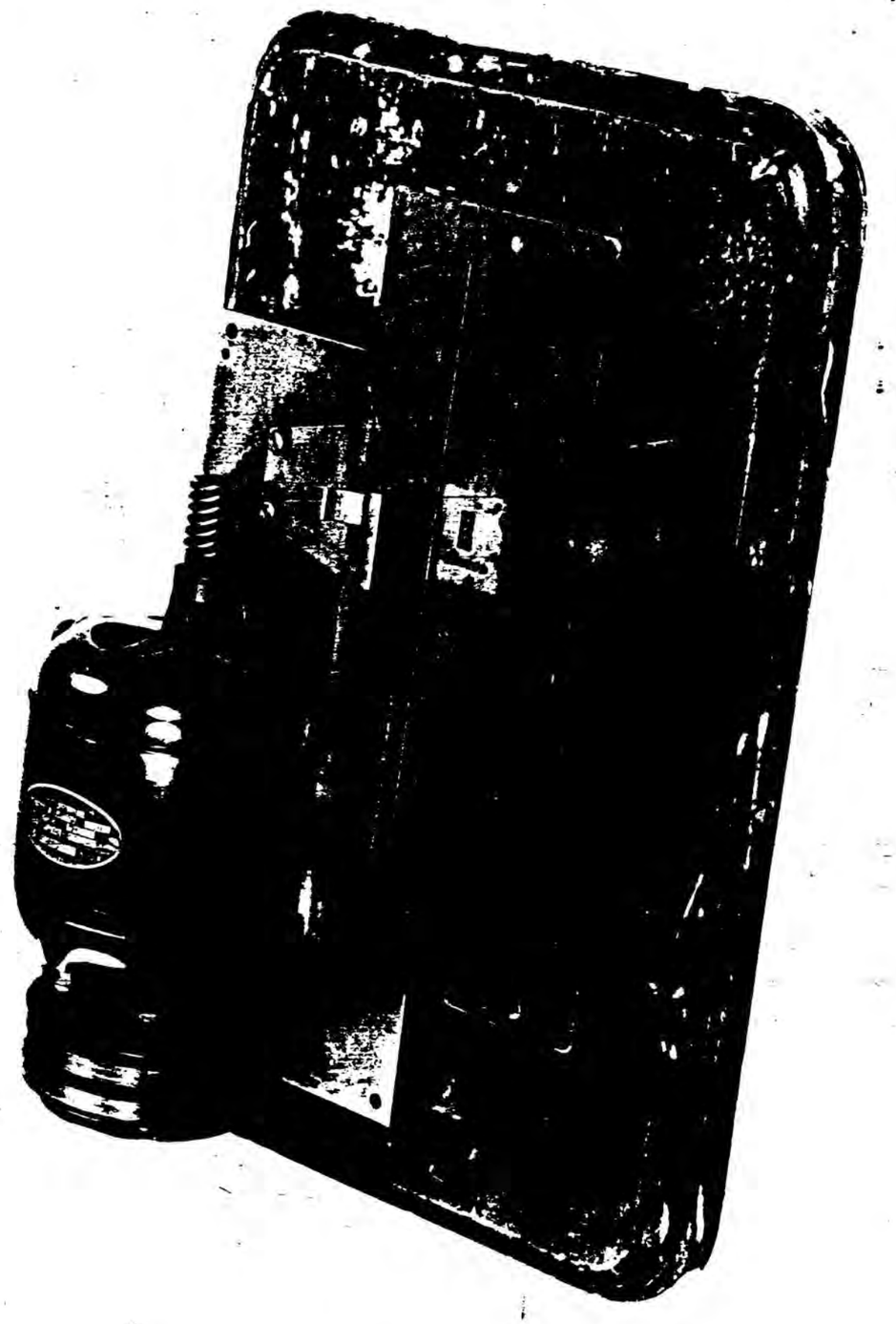
MUSEUM EQUIPMENT CODE: 3B-16

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 401210-53; 650319-49,50

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR XD
(MORKRUM-KLEINSCHMIDT)

Tape transmitter distributor. Start-Stop systems. Speed 369 0PM. Fully perforated tape use.

The unusual features are: cam operated sensing fingers and levers, single contact transmission, neutral signal, two contact transmission, polar signals, bail senses sensing finger position to actuate contact, mechanism in horizontal position. Magnet at rear of unit operates jaw clutch on main shaft. Early version of MXD unit.

1.

YEARS PRODUCED & QUANTITY: 1937

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

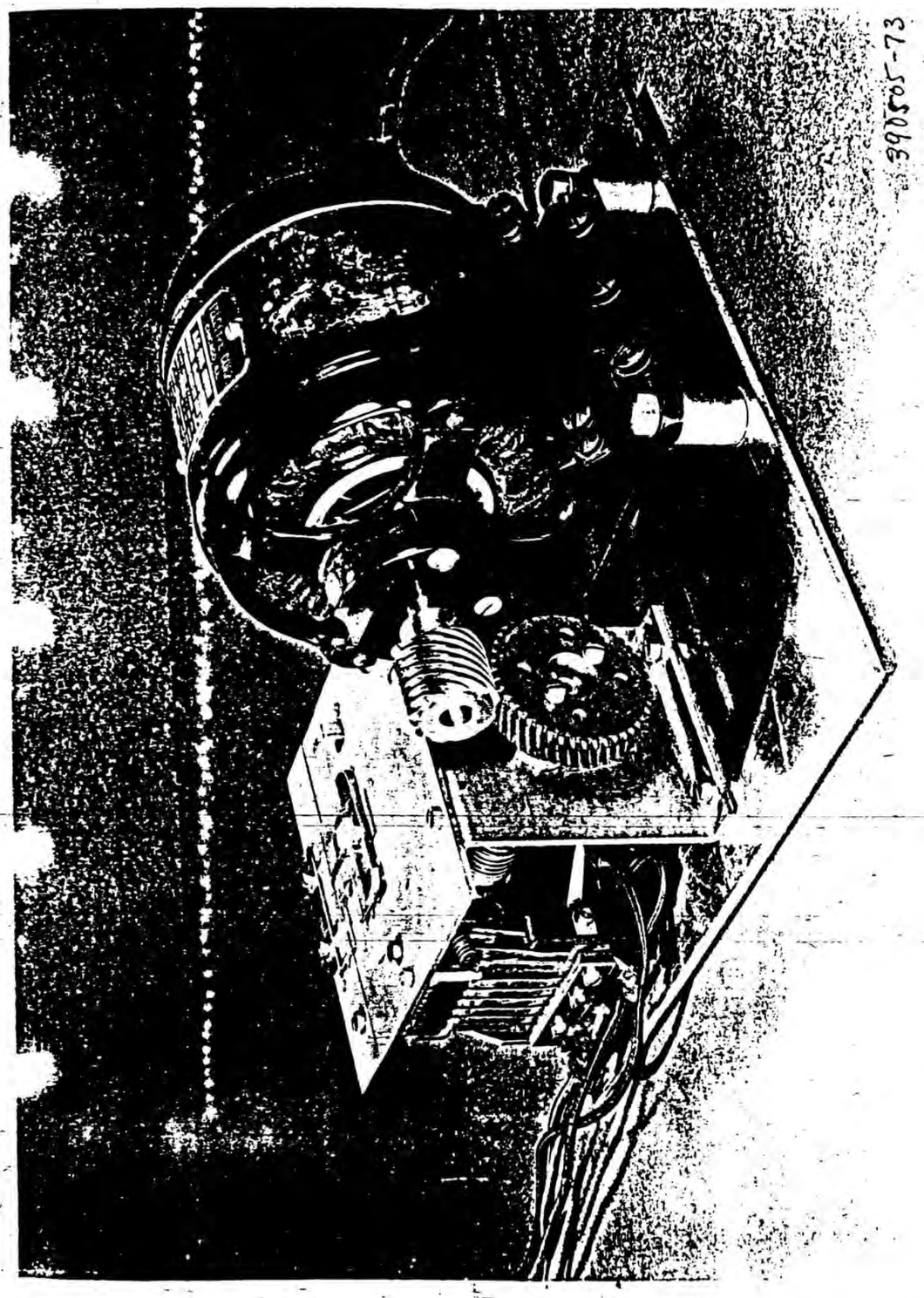
MUSEUM EQUIPMENT CODE: 3C-1

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 261203-3,4 390505-73

PATENT(S):

LIBRARY REFERENCE(S):



390505-73

PHOTOELECTRIC TRANSMITTER
(Model 1)

Reads perforated tape and transmits start-stop signals. Its function is similar to conventional XD, except that code permutations are scanned and read photoelectrically. See 3C-3.

This photoreader-transmitter has a single scanning drum, which scans code holes in the tape, contains a single photo cell and transmits a start-stop signal. Tape feed is by means of a small feed wheel connected to main shaft by a gear speed reducer. Permutation bits are formed mechanically by slots in the scanning drum, while the tape is in motion.

YEARS PRODUCED & QUANTITY: C. 1935

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

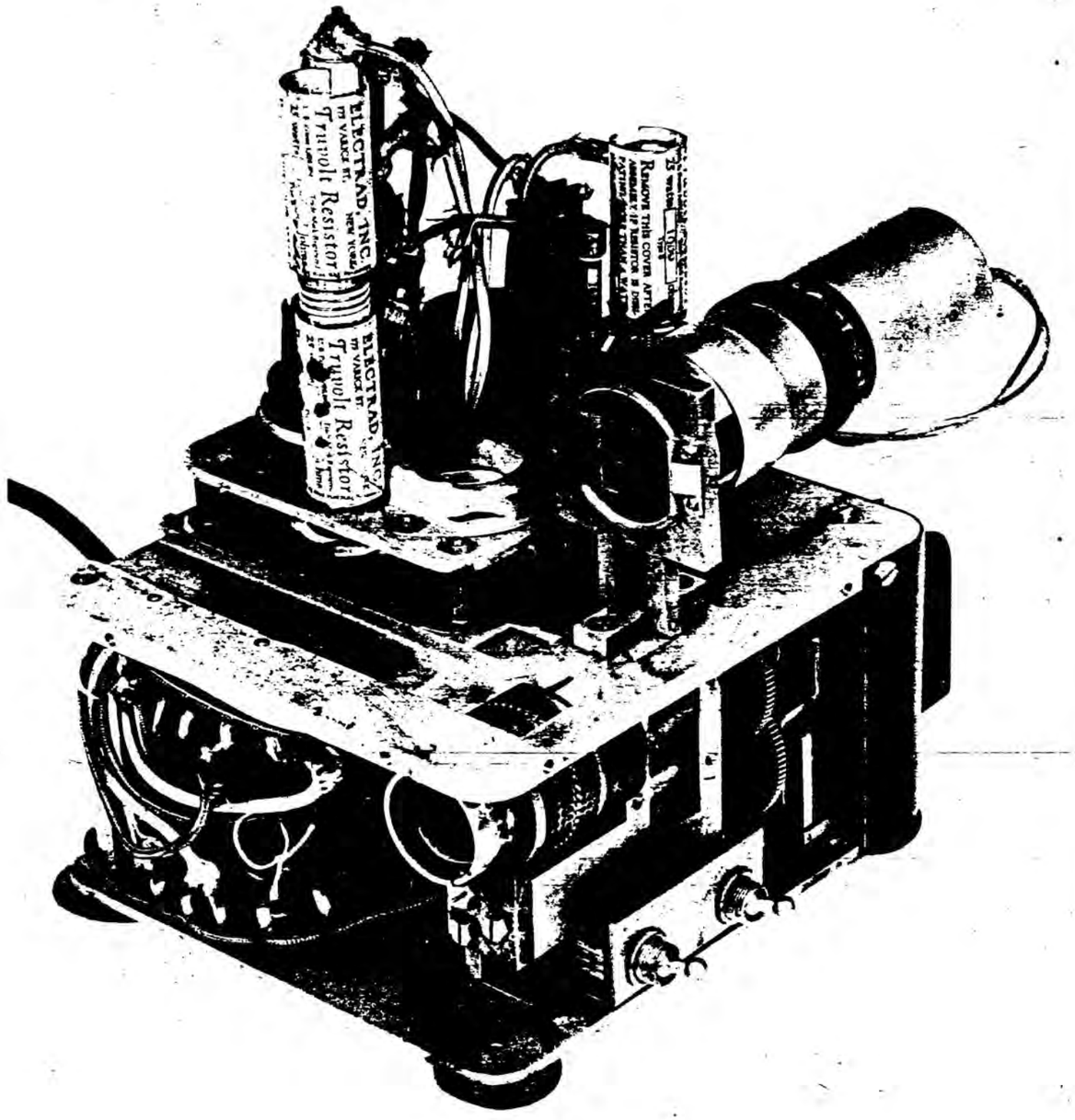
MUSEUM EQUIPMENT CODE: 3C-2

TECHNICAL BULLETINS & SPECS: Engr. Potts

PHOTO NO(S): 340313-1,2 631111-53,54

PATENT(S): No. 2,177,077 - Figure 6

LIBRARY REFERENCE(S):



19

PHOTOELECTRIC TRANSMITTER
(Model 2)

Reads perforated tape and transmits start-stop signals. The function is similar to conventional XD. This principle has been used in a later high-speed photo reader. (1960) See 3C-2.

Two coaxial scanning cylinders are used, one at one revolution per character, the second moves only a distance equal to the character spacing on the tape. The feedpins are located on the outer slow cylinder, and tape moves continuously. The duration of elementary signal impulses, is determined by slots milled in the inner high speed cyclinder.

YEARS PRODUCED & QUANTITY: C. 1935

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

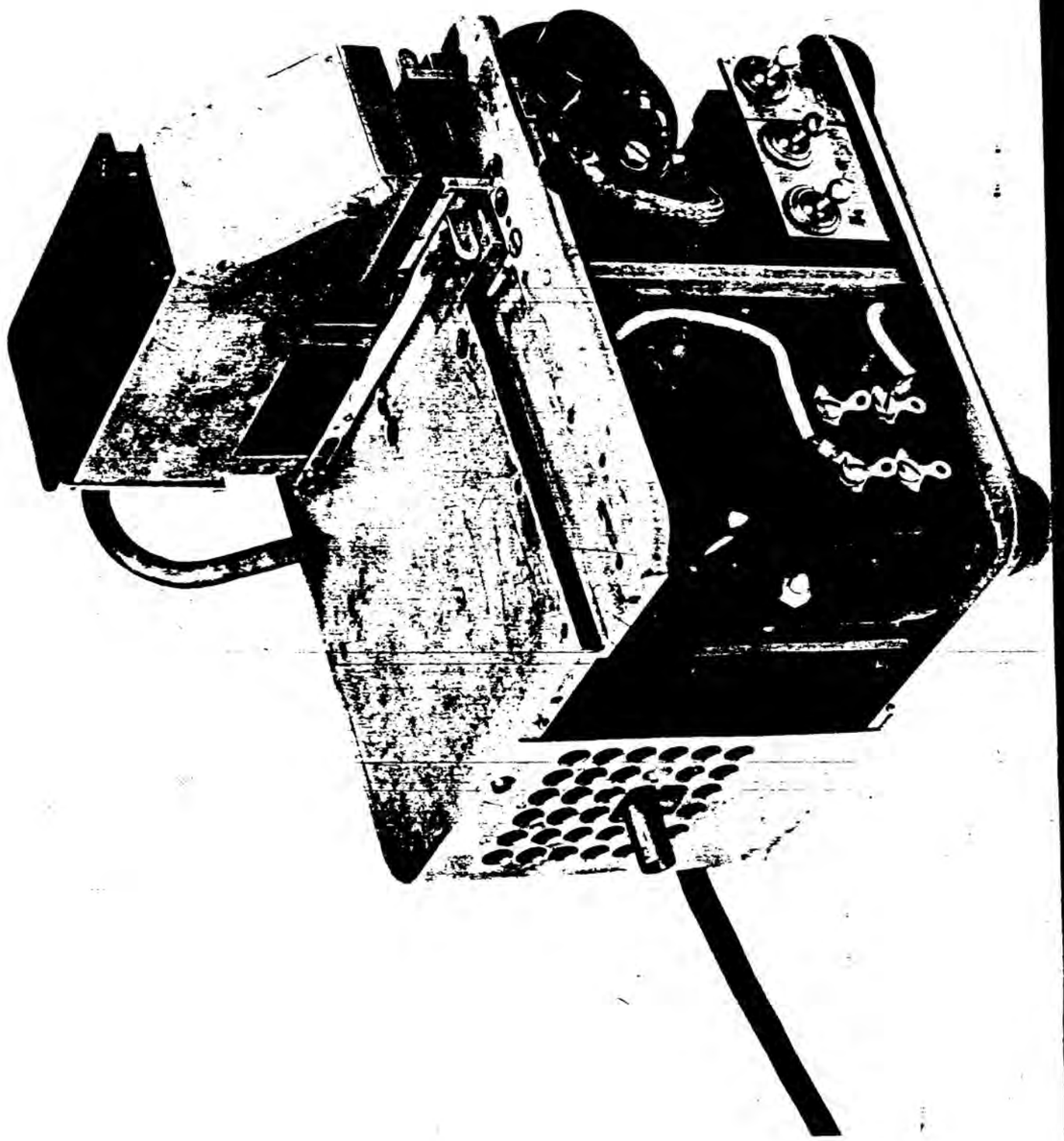
MUSEUM EQUIPMENT CODE: 3C-3

TECHNICAL BULLETINS & SPECS: Engr. Potts

PHOTO NO(S): 351107-4 631111-55,56

PATENT(S): No. 2,177,077

LIBRARY REFERENCE(S):



MORKRUM MULTIPLEX XI TAPE TRANSMITTER

Made for Postal Telegraph and Railroads.

5-Level magnet driven unit. Output signals delivered to multiplex distributor.

YEARS PRODUCED & QUANTITY: 1935-40

PRIMARY CUSTOMER(S): Postal Telegraph Railroads.

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 3C-4

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 640109-46,47

PATENT(S):

LIBRARY REFERENCE(S):

TRANSMITTER DISTRIBUTOR SET MXD, MXB

This unit was designed by Theineman and Swan for the Bell System and various government agencies. Some of the features of the tape transmitter distributor were:

--Single unit and base
--Contact type, mounts on a common plate
--5 unit
--Speed 368 OPM
-- Synchronous motor driven through cross shaft
--Cords terminate in plug and receptacle

YEARS PRODUCED & QUANTITY: 1940

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

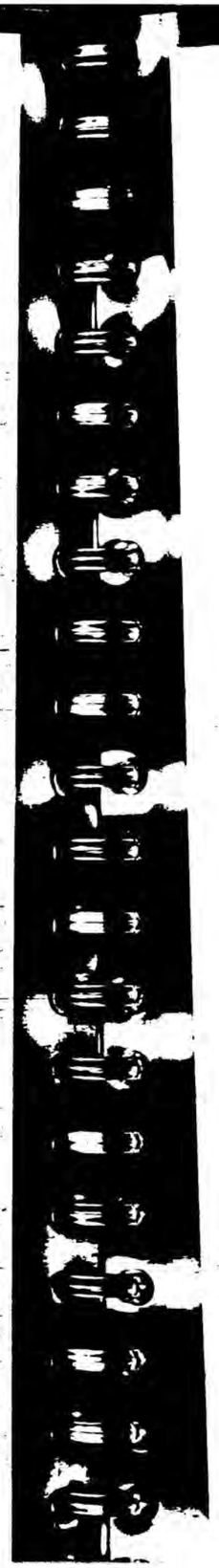
MUSEUM EQUIPMENT CODE: 3C-5

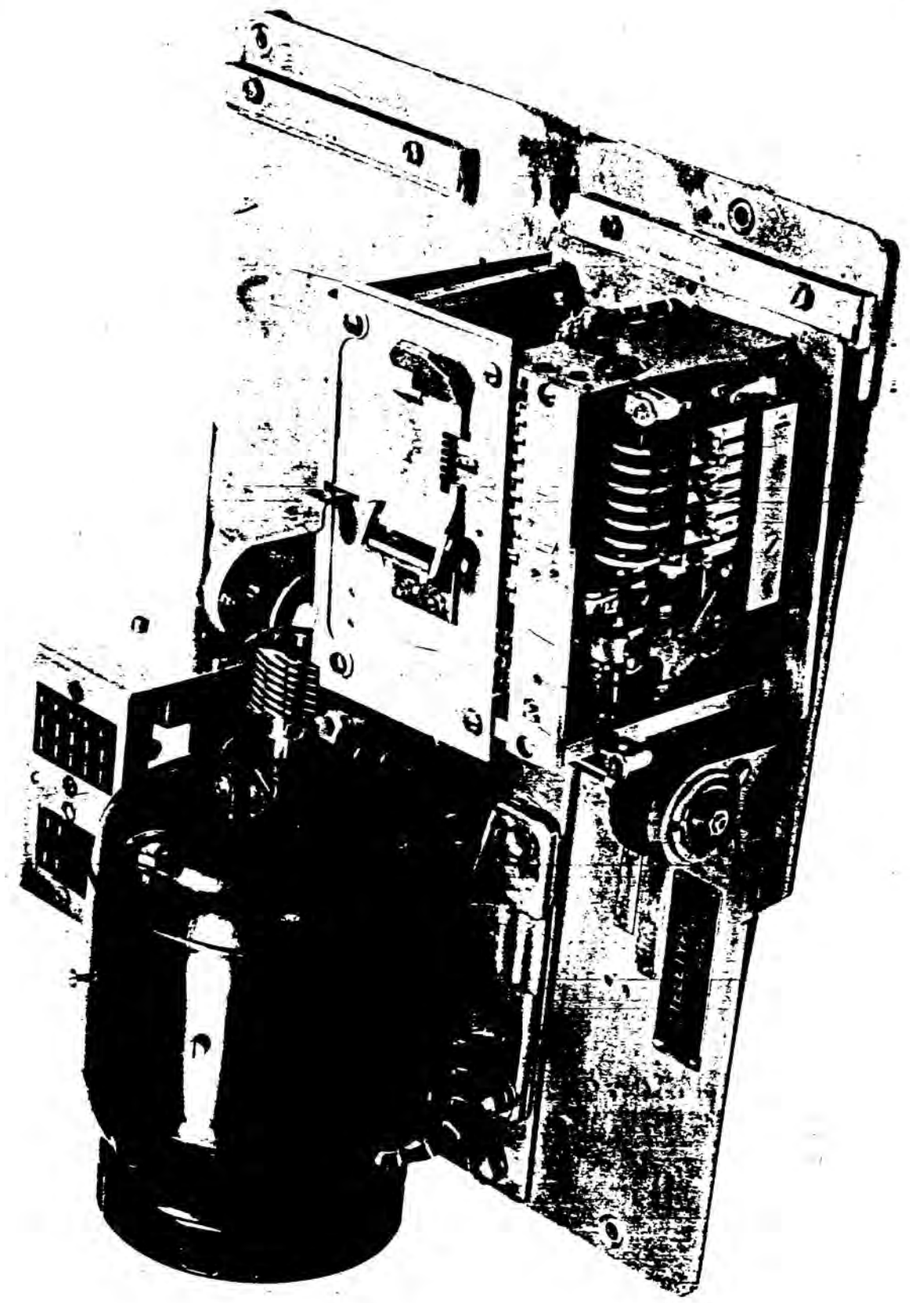
TECHNICAL BULLETINS & SPECS: 175B

PHOTO NO(S): 631218-89

PATENT(S):

LIBRARY REFERENCE(S):





PHOTOELECTRIC TRANSMITTER

Reads paper tape with printed marks photoelectrically, and transmits serial signal.

A narrow beam of collimated light is projected on the tape, and reflected thru an optical system thru a pair of rotating scanning discs, and directed to a multiplier photocell. A capstan drive is used for tape feed in lieu of conventional feed wheel.

YEARS PRODUCED & QUANTITY: 1943

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

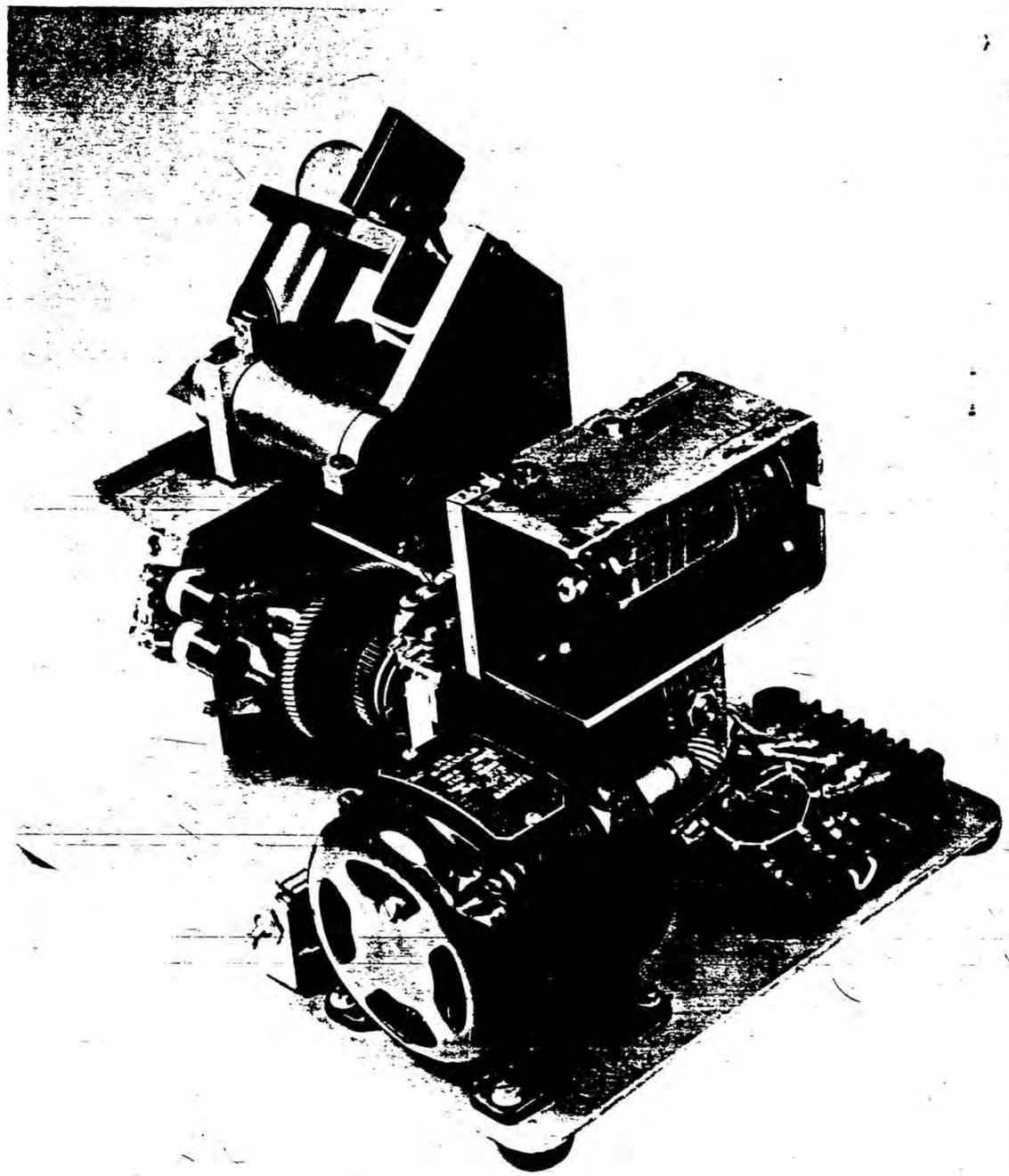
MUSEUM EQUIPMENT CODE: 3C-6

TECHNICAL BULLETINS & SPECS: R&D Case No. 1357-6 Engr. File R-9147 Potts.

PHOTO NO(S): 430628-57 631111-57,58

PATENT(S):

LIBRARY REFERENCE(S):



14 TYPE TRANSMITTER DISTRIBUTOR (XD)

A 5 unit chadless tape transmitter with a standard 14 type transmitter distributor modified as a code scrambling device for TWX service. Features include:

--Polar signal transmission for neutral
--Speeds of 368 or 460 OPM.
--Synchronous motor drive
--Transmitting disc can be oriented
--Special wiring terminating in plugs
--Disc segments split
--Start magnet functions as a receiver start-magnet
--Rubber feet for table mounting.

YEARS PRODUCED & QUANTITY: 1948

PRIMARY CUSTOMER(S): Bell System

CLASSIFICATION CODE:

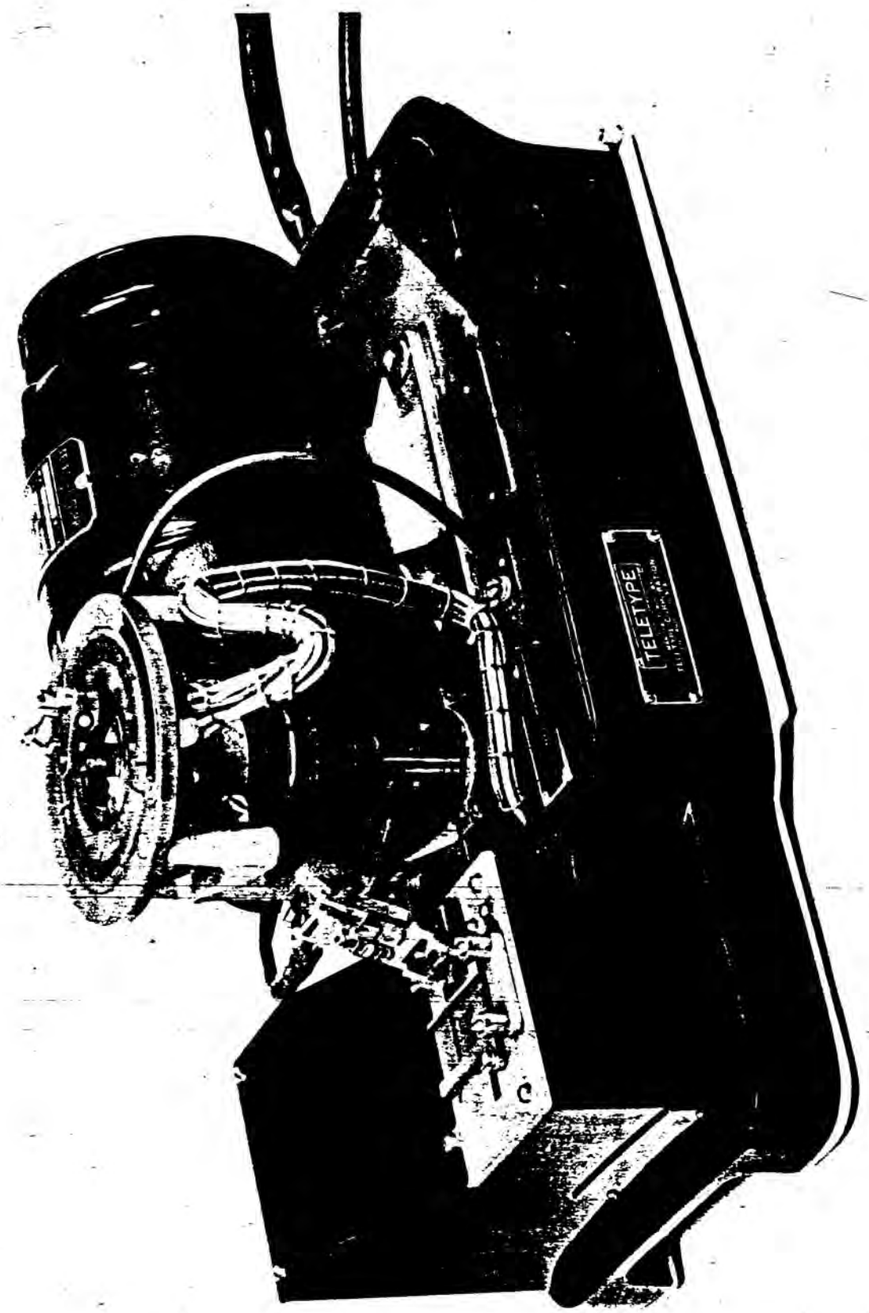
MUSEUM EQUIPMENT CODE: 3C-7

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 420228-48,49 631129-67,69,68

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR

The transmitter distributor reads perforated tape using a magnetic circuit in lieu of sensing contacts. Permanent magnet field with sensing pin actuated shunt. Pulse output.

YEARS PRODUCED & QUANTITY: 1951

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

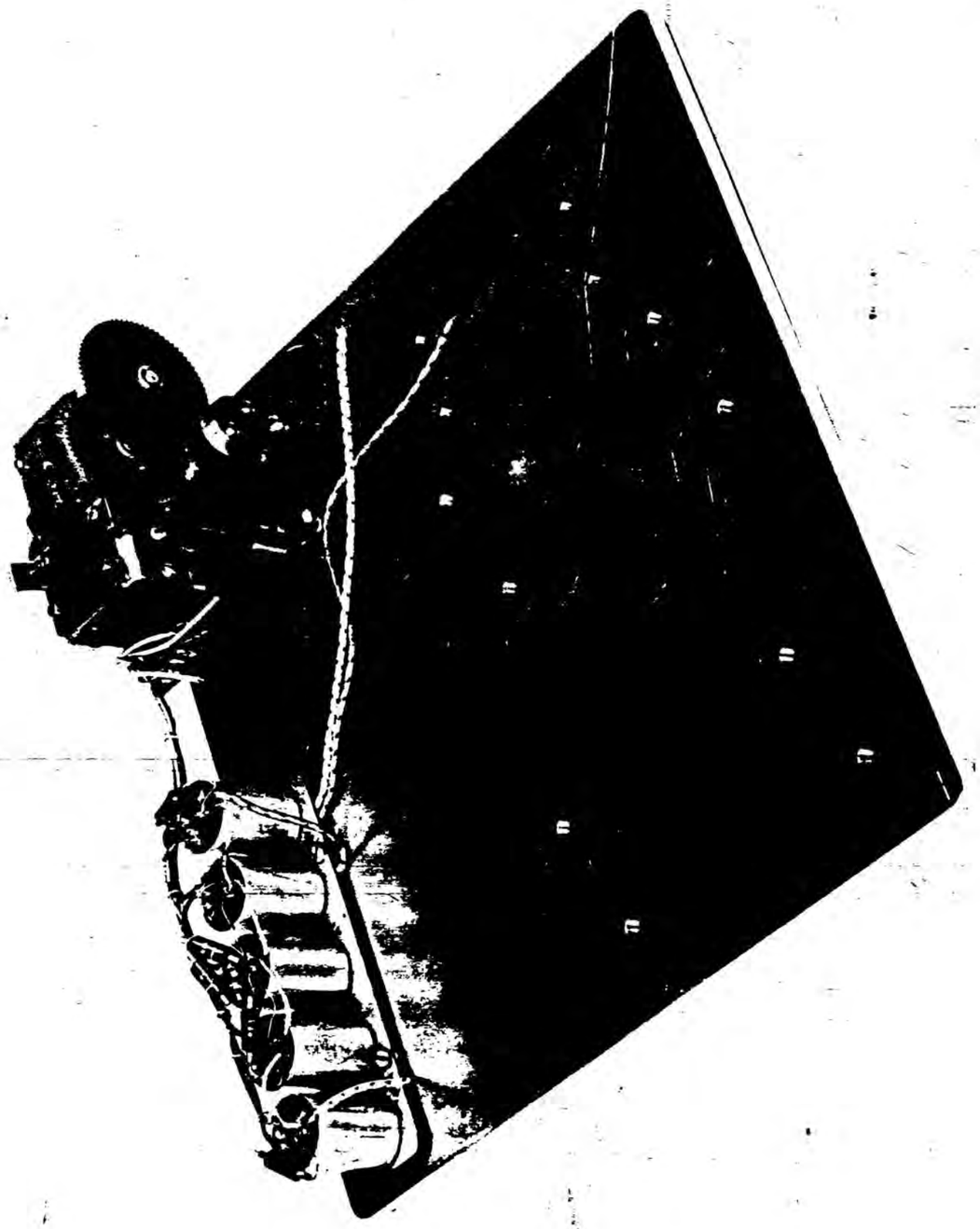
MUSEUM EQUIPMENT CODE: 3C-8

TECHNICAL BULLETINS & SPECS: Engr. File No. 7-47AAA Case No. 3148-1 Dunlavey

PHOTO NO(S): 520619-69 631111-61

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR MXD8

Special numbering device mounts over tape sensing pins. Device is a drum within which 2 pinion rack driven rods are mounted. Each rod is driven by a pinion rack from an adjacent rod and in turn, by an extension from the main shaft sensing bail. As the rods rotate, drilled holes in the rods that are coded for numerals are sensed by the sensing pins.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

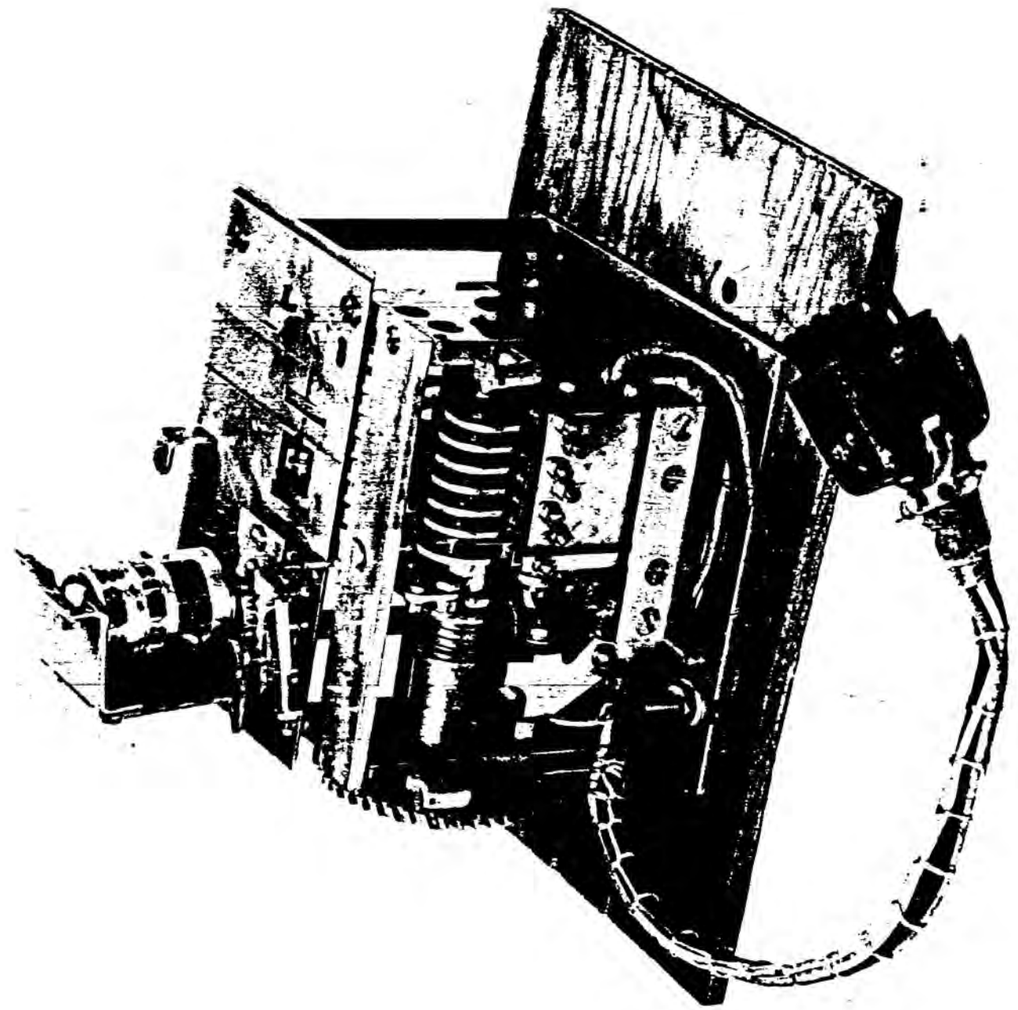
MUSEUM EQUIPMENT CODE: 3C-9

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 471223-67,68 631129-76,77

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER-DISTRIBUTOR

This model has cam actuated tape sensing pins and continuous tape feeding by means of a worm driven tape feed wheel. The tape sensing pins are staggered to operate contacts (not on the model) to distribute the signal sequentially.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 3C-10

TECHNICAL BULIETINS & SPECS: Engr. W. J. Zenner

PHOTO NO(S): 631120-37 421106-98

PATENT(S):

LIBRARY REFERENCE(S):

TRANSMITTER-DISTRIBUTION

Special tape reader mock-up featuring magnet driven type feed and magnet driven tape sensing. Tape feed magnet armature has a pneumatic dash pot control.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

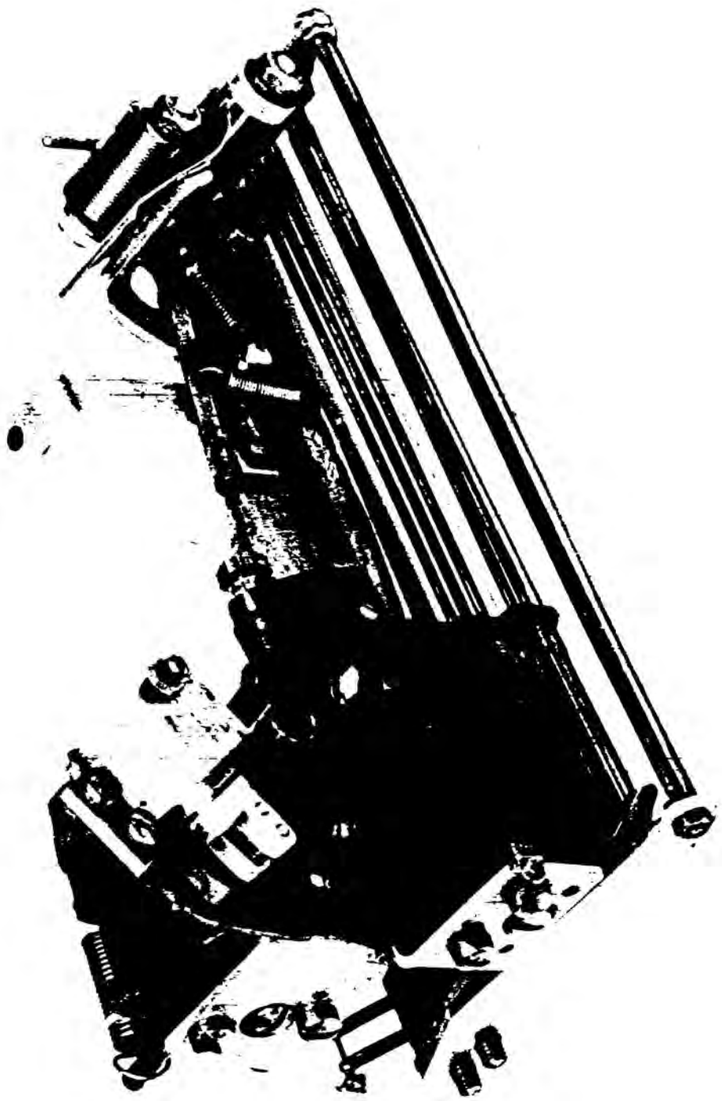
MUSEUM EQUIPMENT CODE: 3C-11

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631120-24,25 341113-2

PATENT(S):

LIBRARY REFERENCE(S):



TUNED MAGNET TRANSMITTER (A)

This tuned magnet drive tape reader has a portable reading head which uses 28 type rocker contact to control magnets.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

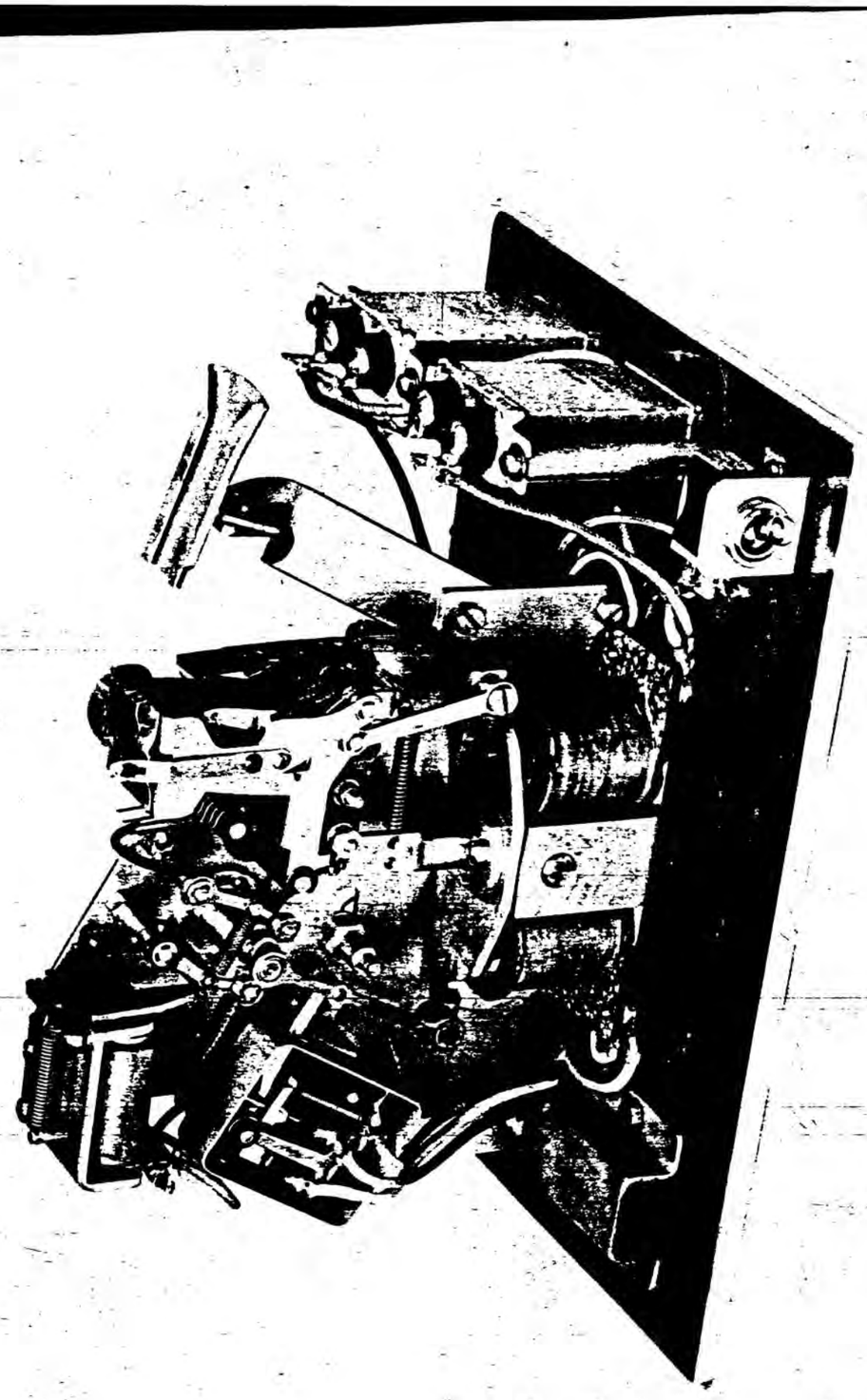
MUSEUM EQUIPMENT CODE: 3C-12

TECHNICAL BULLETINS & SPECS: Case 2954-1 Engr. Zenner

PHOTO NO(S): 631120-20,21 520124-58,59

PATENT(S):

LIBRARY REFERENCE(S):



14 TYPE TRANSMITTER (A)

This is an early 14 Type distributor - magnet control saw-tooth-clutch trip.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

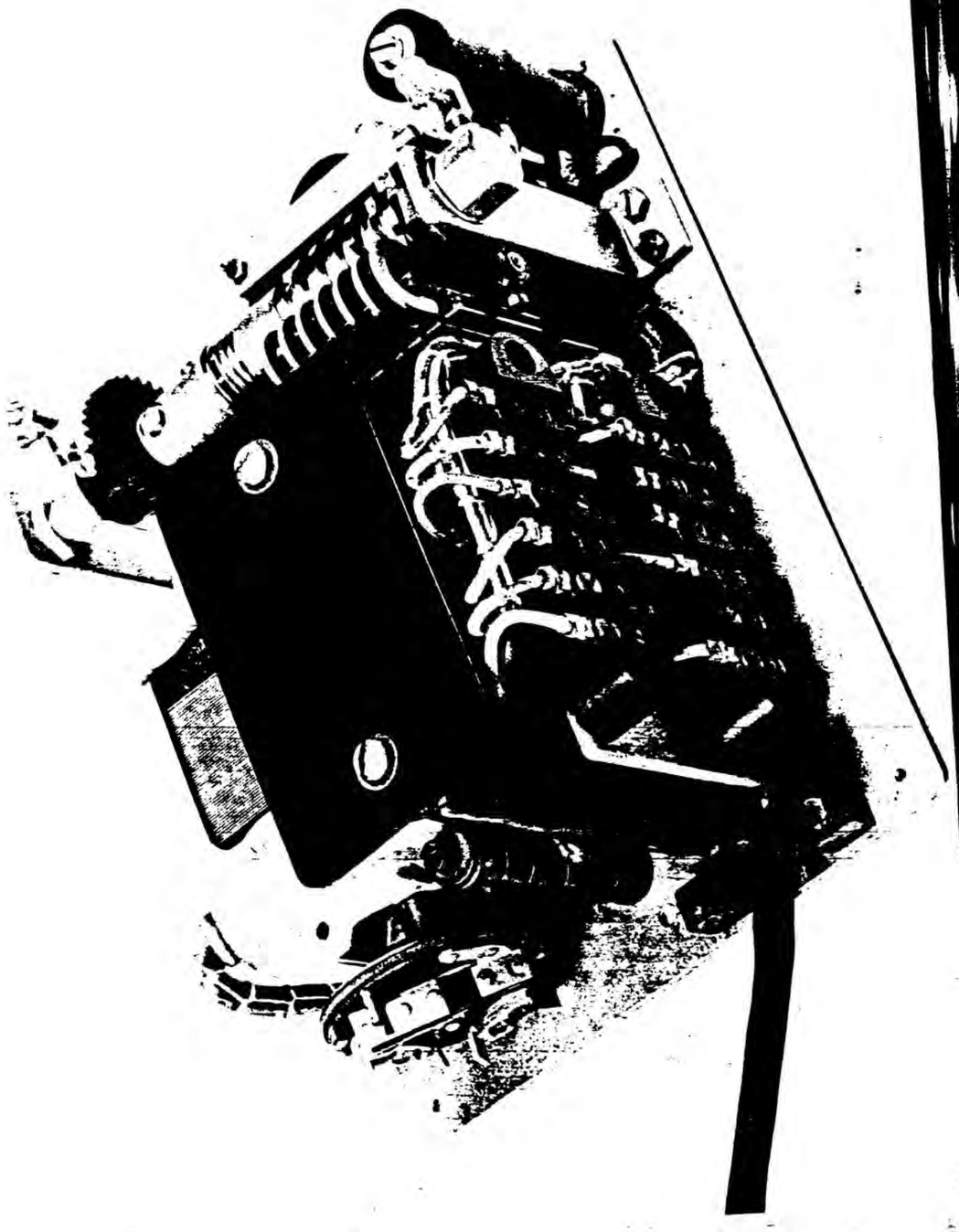
MUSEUM EQUIPMENT CODE: 3C-13

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631120-23 390609-44

PATENT(S):

LIBRARY REFERENCE(S):



HIGH SPEED TAPE TRANSMITTER (BX)

600 wpm - Start-Stop signals and multiple output. Can read 5, 6, 7, or 8 level tape and output for neutral signals. Tape feed wheel has free wheeling feature. Tape out switch. Base mounts a synchronous or AC series motor with a belt drive to the reader. Base equipped with fuses, terminal board and a 35 point output receptacle.

YEARS PRODUCED & QUANTITY: 1957

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 3C-14

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 650319-47,48

PATENT(S):

LIBRARY REFERENCE(S):

PHOTOELECTRIC READER

3000 wpm reversible photoelectric tape reader. The driving mechanism is designed for engaging the tape with forward or reverse stepping motors. The left armature is normally attracted for forward motion. The right one for reverse.

Two characters are read simultaneously. A collimated light beam is projected through the tape to eighteen 1" long "Tunnels", terminated at the bottom by the two 9-element solar cell strips encapsulated in a domino-shaped epoxy mold.

YEARS PRODUCED & QUANTITY: 1964

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 3C-15

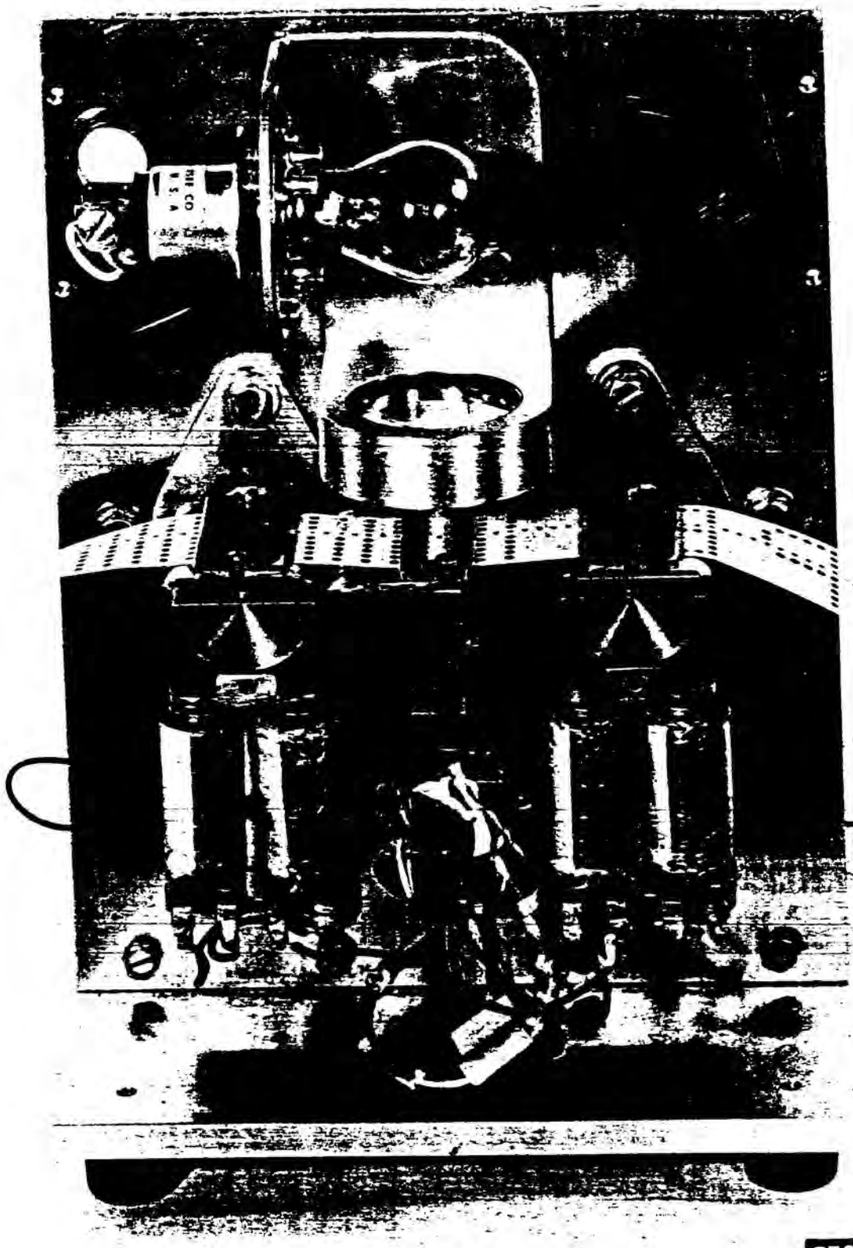
TECHNICAL BULLETINS & SPECS: Engr. File No. 1-47/58.136AA

PHOTO NO(S): 630109-47 630109-48

PATENT(S):

LIBRARY REFERENCE(S):

32



630109 - 48

ANOTHER VIEW BEHIND THIS PHOTO 32

11A TRANSMITTER

Magnet driven 6-Level tape reader for multiplex transmission. First used by Western Union for Produce Ticker circuits. Sensing tape prepared by 1A Perforator. Also used by U. S. Navy in Radio Multiplex in World War II. This model was built under contract by D & H Precision Tool Company.

YEARS PRODUCED & QUANTITY: 1928-42

PRIMARY CUSTOMER(S): Western Union

CLASSIFICATION CODE:

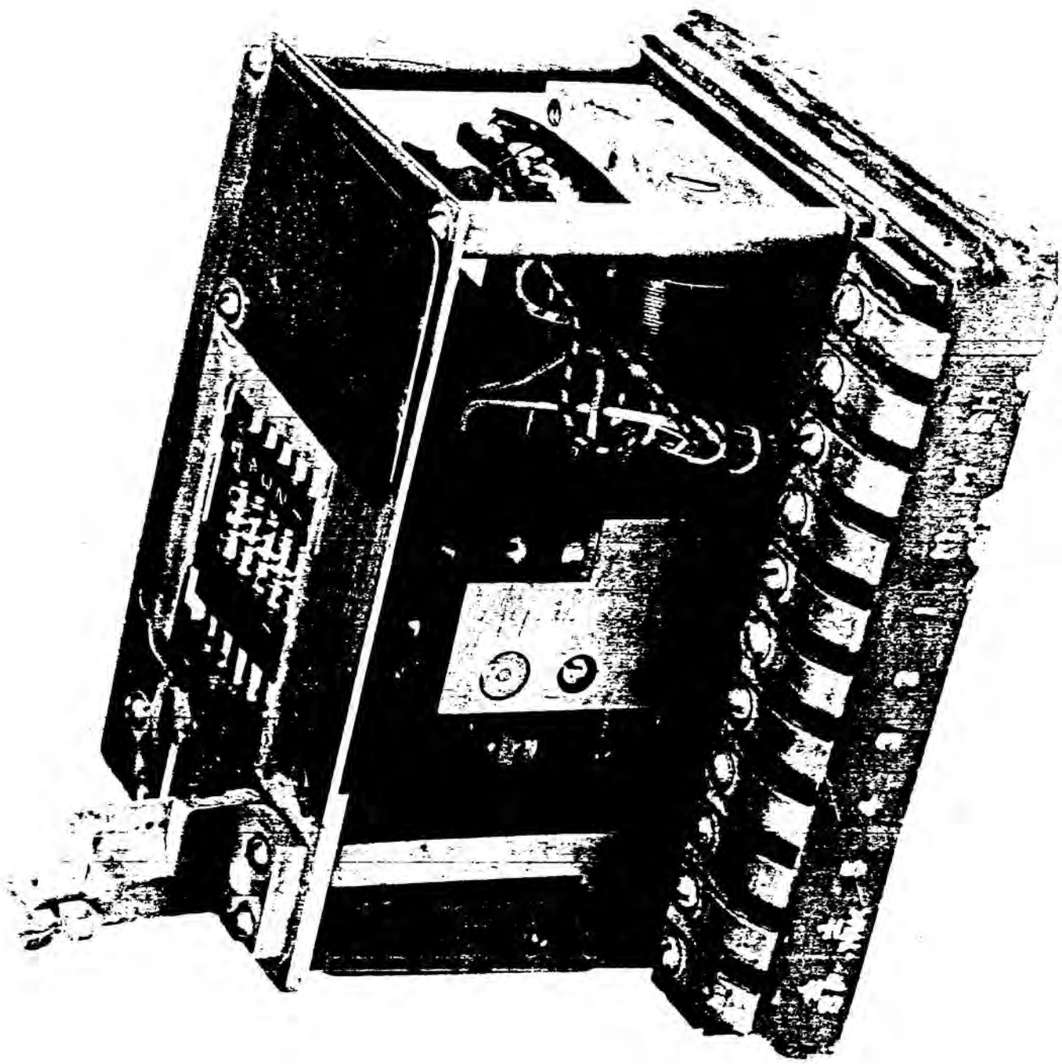
MUSEUM EQUIPMENT CODE: 3C-16

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 370330-13 640115-81,82

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR
KLEINSCHMIDT

Transmitter distributor mounted on wood base. Tape sensing and feeding mechanism mounted on side of unit. No transmitting disc. Unit uses a circular assembly of contacts and is solit into two sections. One character transmission for each 180 degree of shaft rotation. Coil mounted in center of contact assembly actuates an armature signal to be set up for any one signal level.

Single contact transmission of stored mark-space signals. Tape feeding is gear driven from main shaft. Sensing fingers are cam controlled and sense tape levels sequentially.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

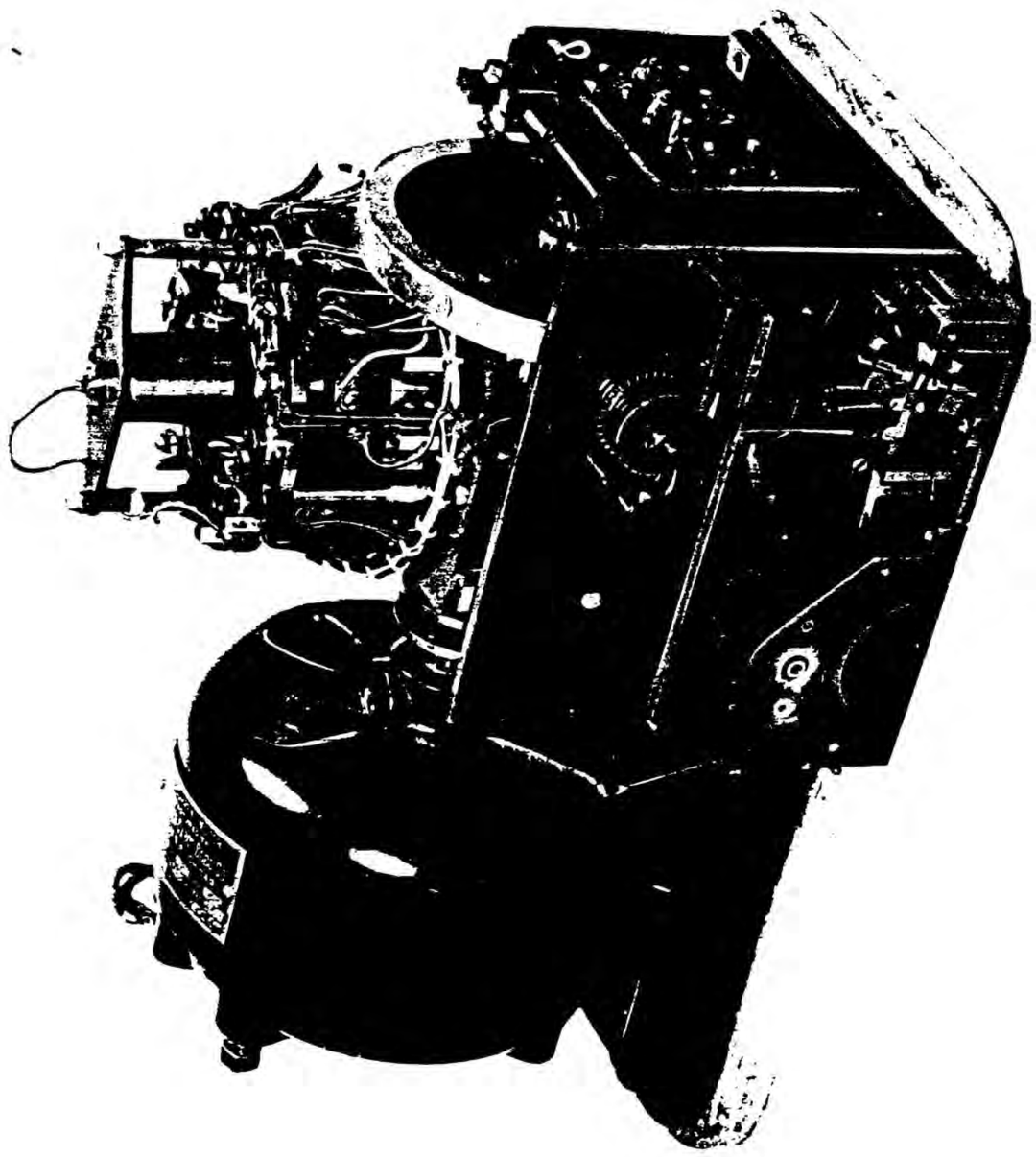
MUSEUM EQUIPMENT CODE: 3C-17

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 280501-23 631129-78

PATENT(S):

LIBRARY REFERENCE(S):



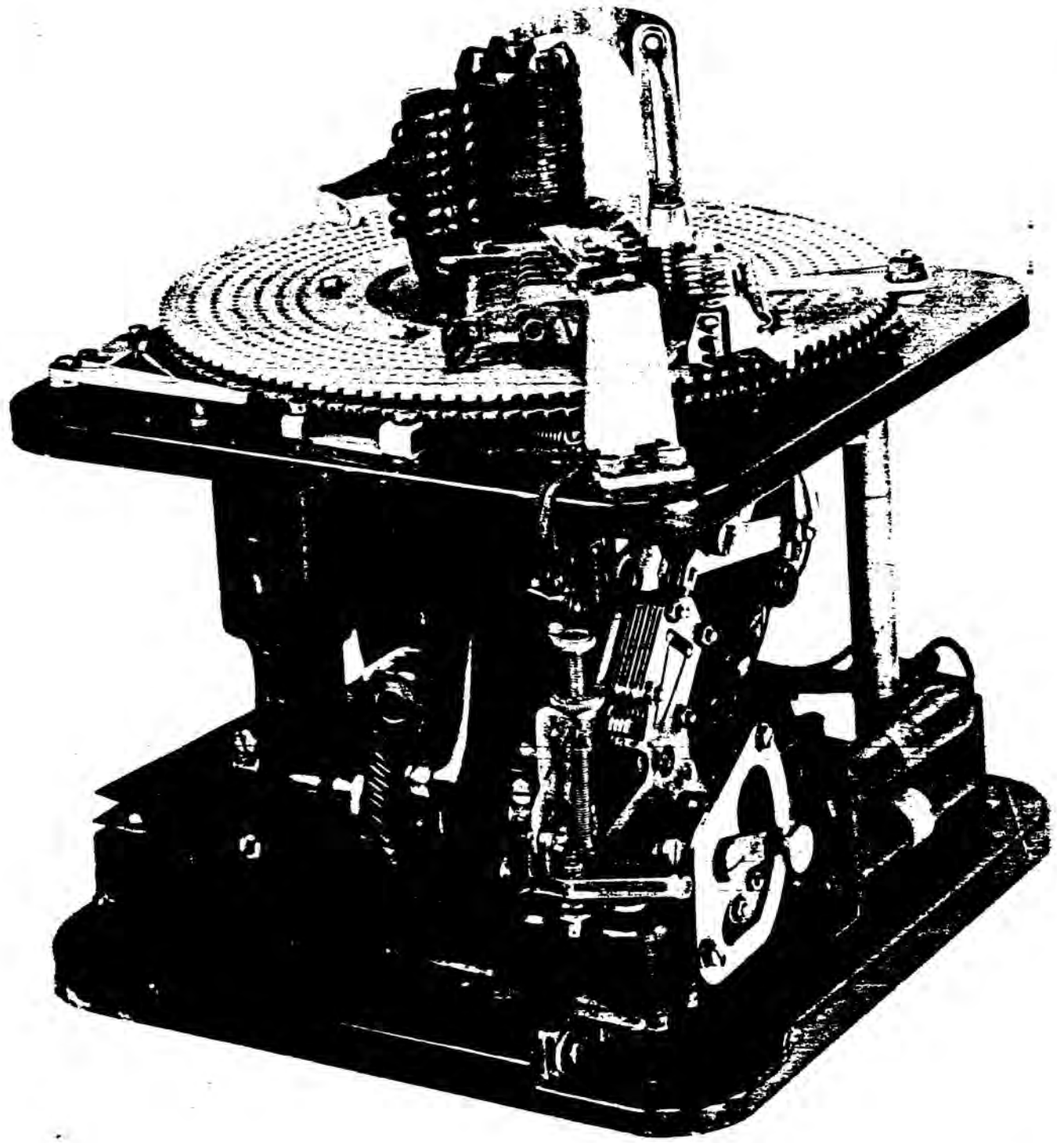
Donated to Smithsonian Institution

STORING TRANSMITTER

The Storing Transmitter consists of a flat metal ring about 10" in diameter. Projecting through this ring are six concentric rows of 120 pins each. These pins are provided with detenting action so that they will stay in either of two positions. The message stored is set up on the pins: Code impulse #1 on the inner row, #2 on the second row, etc. For a marking code impulse a corresponding pin is raised to the upper position; and for spacing impulses the pin remains in the lower position.

A standard 14 Type Selector receives the incoming signals and sets up the combination on the pins, one character at a time. As each character is set up on the pins the large ring is stepped in a counter-clockwise direction to bring the next set of pins over the selecting mechanism. As the operator writes the message on the sending keyboard it is gradually stored on the pins, the time sequence of the message being stepped in a clockwise direction around the ring. Above the ring is mounted a contact which is capable of being stepped in a clock-wise direction by means of the large solenoid shown. These contacts are actuated by feelers which cause them to close when a selected pin is passed and to open when an unselected pin is reached. Traveling after these feelers is a wipe-out arm that restores the pins to the unselected position. The contacts themselves are connected by means of relays to the segments of the transmitting distributor. In actual operation the ring rotates in a counter-clockwise direction as the operator depresses the keys and the contact mechanism rotates in a clockwise direction with respect to the ring as the characters are sent out over the line. A lamp is to be provided on the keyboard to indicate when the storing transmitter is full.

YEARS PRODUCED & QUANTITY: 1931
PRIMARY CUSTOMER(S):
CLASSIFICATION CODE:
MUSEUM EQUIPMENT CODE: 3C-19
TECHNICAL BULLETINS & SPECS: Engr. File 2-79AAA, 4-79AAA, 5-79AAA
PHOTO NO(S): 311021-1,2,3 310902-2 650624-20
PATENT(S):
LIBRARY REFERENCE(S):



650624-20

STORING TRANSMITTER

Made for Western Union, the 6 level code storing device for produce ticker signals, operated between a sending keyboard and a multiplex channel. Stored signals in permutations of movable pins were mounted through rim of a rotating wheel. Solenoid magnets stepped wheel at character intervals. (part of mechanism missing)

Pins were reset after being sensed. Operator received a signal, if over-run of storage capacity became imminent.

YEARS PRODUCED & QUANTITY: 1931

PRIMARY CUSTOMER(S): Western Union

CLASSIFICATION CODE:

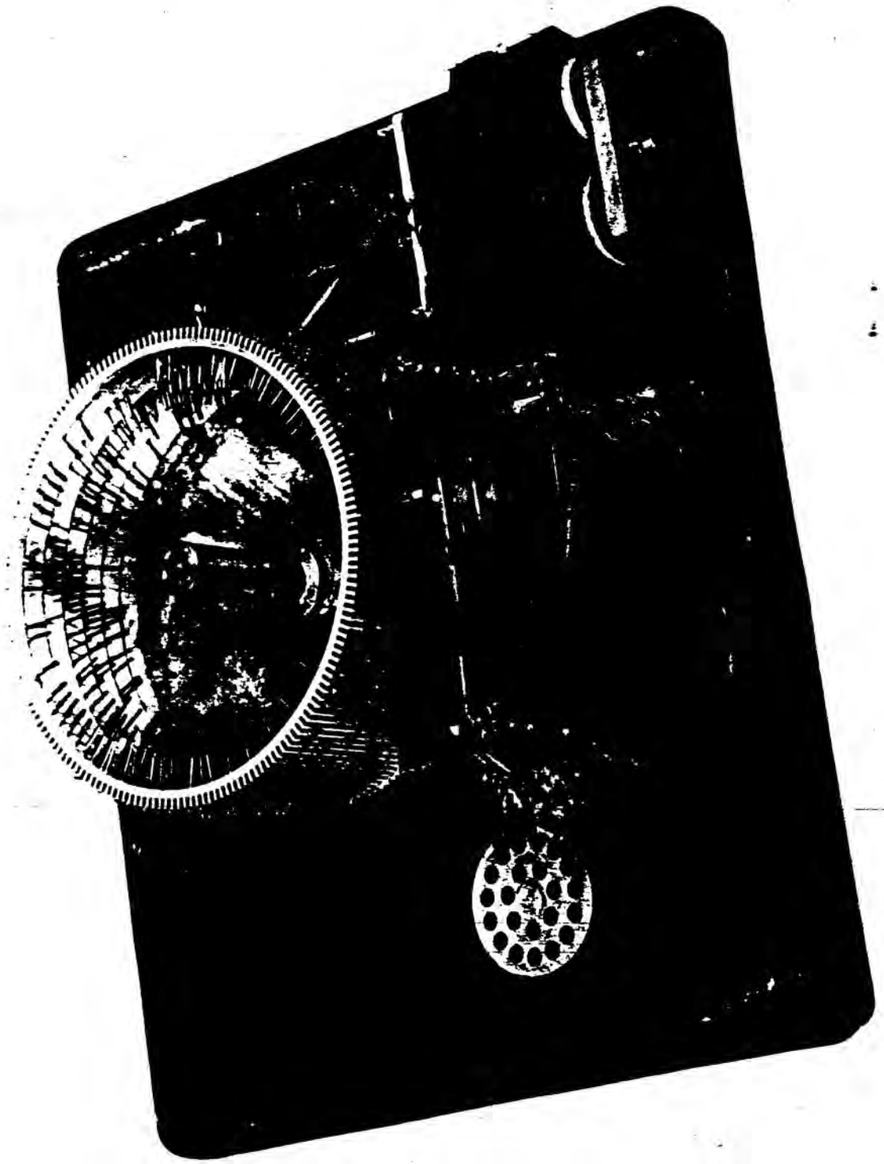
MUSEUM EQUIPMENT CODE: 3C-20

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 310917-4 631111-05

PATENT(S):

LIBRARY REFERENCE(S):



PHASING UNIT FOR STORING TRANSMITTER

Phasing unit for stepping storing transmitter made for Western Union.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

MUSEUM EQUIPMENT CODE: 3C-21

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 370330-15 631111-06

PATENT(S):

LIBRARY REFERENCE(S):

14 TYPE TRANSMITTER DISTRIBUTOR (XD)

A 6 unit transmitter distributor with a D.C. motor operating at a speed of 368 O.P.M. This device features 7 tape sensing fingers with the seventh sensing finger operated from the main shaft. Main shaft cam has 4 lobes and operates mechanism 4 times per shaft revolution.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

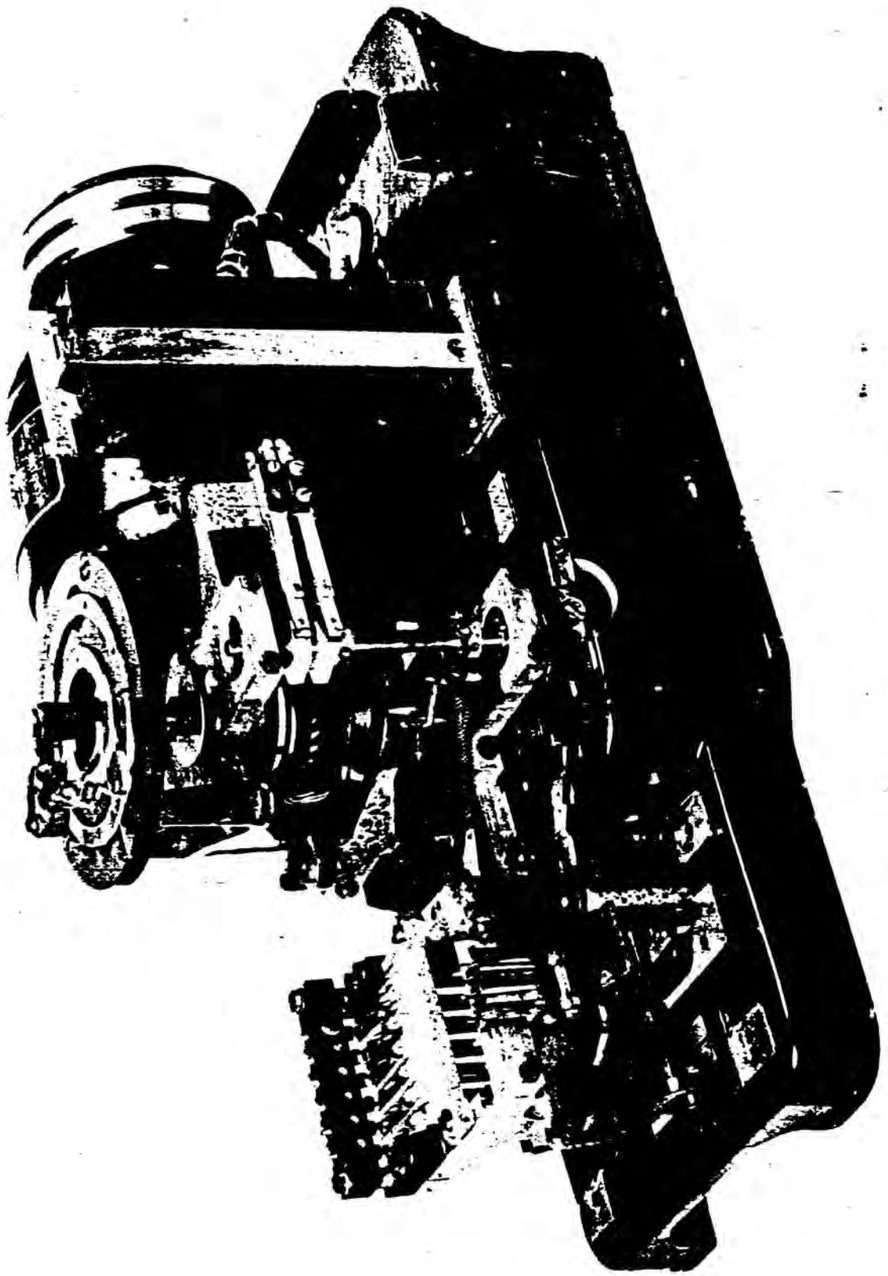
MUSEUM EQUIPMENT CODE: 3C-22

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631218-90

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR (MINIMUM PRINTER)

Minimum Printer electrical transmitter record reader and distributor.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

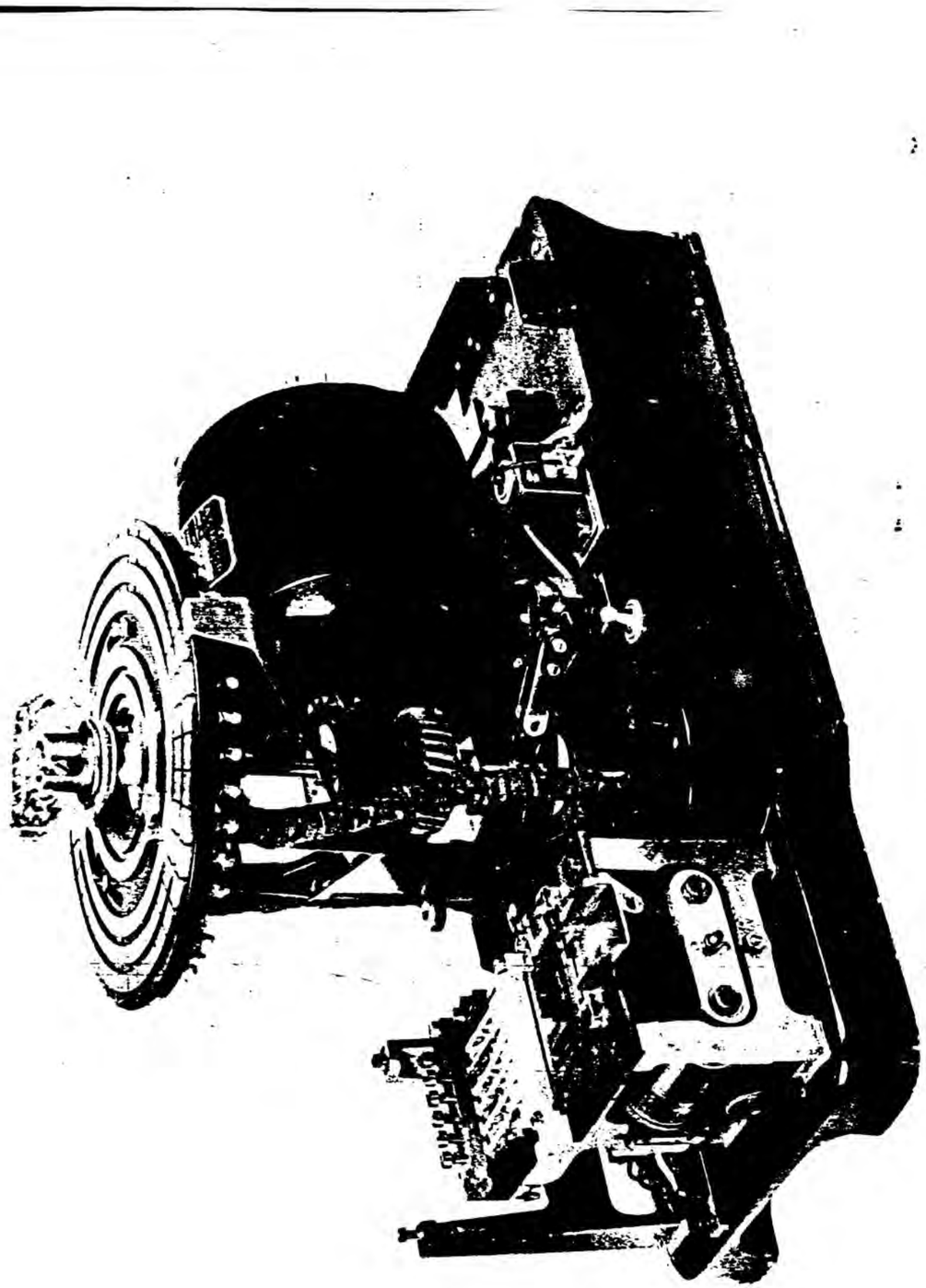
MUSEUM EQUIPMENT CODE: 3C-26

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631218-91

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTING AND RECEIVING DISTRIBUTOR (XRD-9)

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE: XRD-9

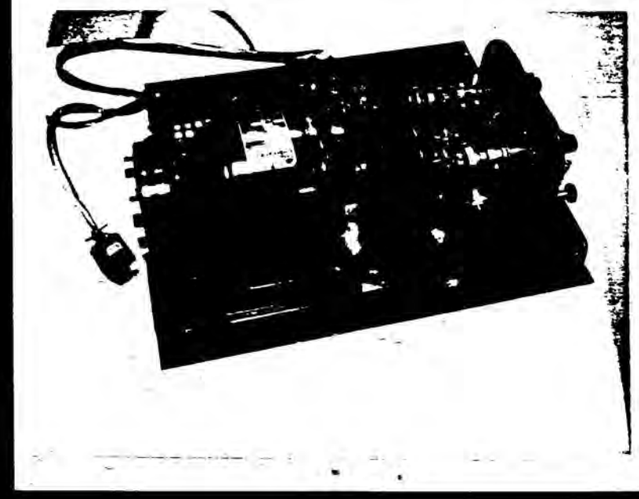
MUSEUM EQUIPMENT CODE: 3C-27

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU126; 261203-1,2

PATENT(S):

LIBRARY REFERENCE(S):



DISTRIBUTOR (AP)

A distributor used with Associated Press equipment.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S): Associated Press

CLASSIFICATION CODE:

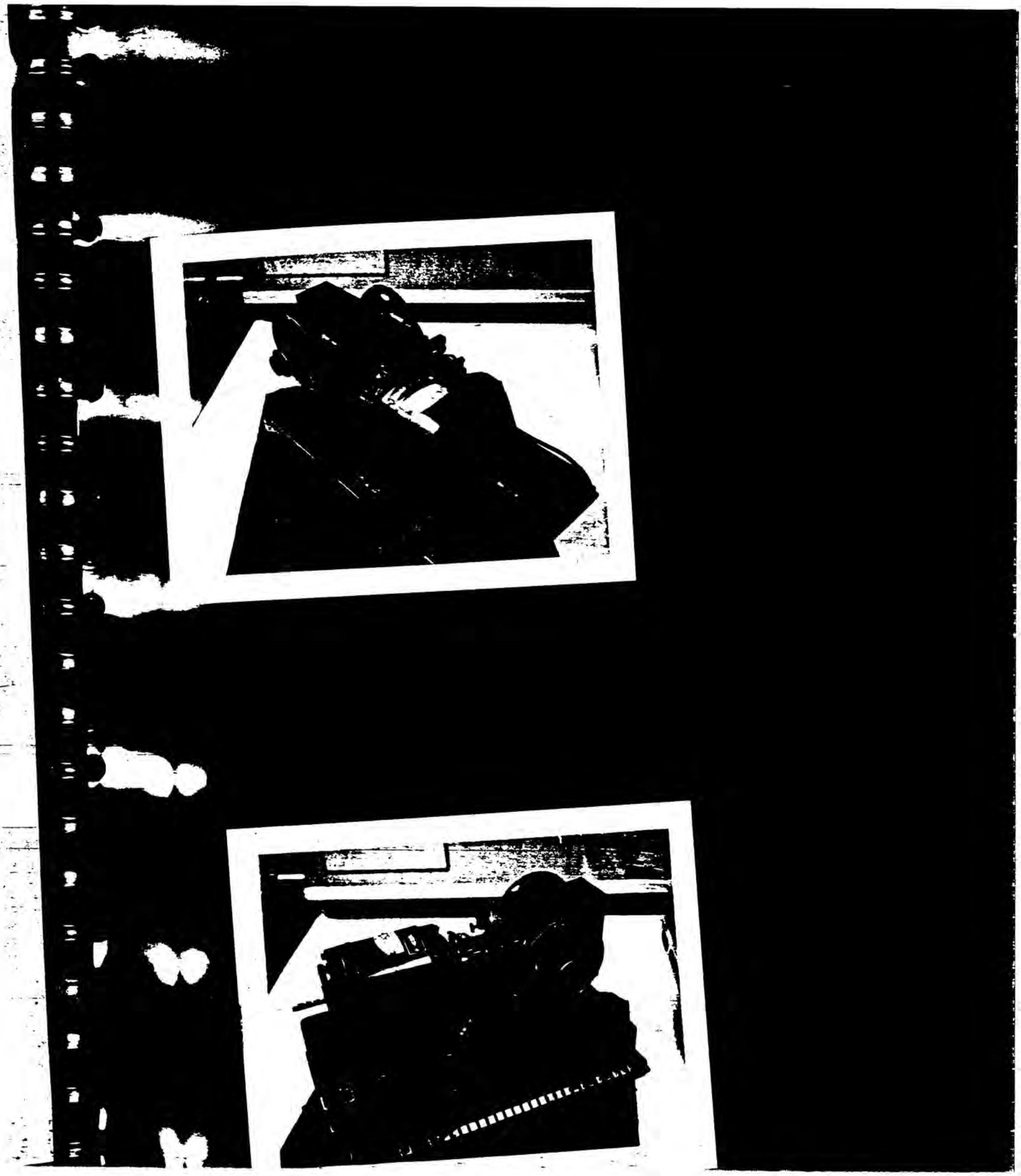
MUSEUM EQUIPMENT CODE: 3C-28

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU163a

PATENT(S):

LIBRARY REFERENCE(S):



DISTRIBUTOR (TTY)

A distributor produced and used by Teletype in their equipment.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

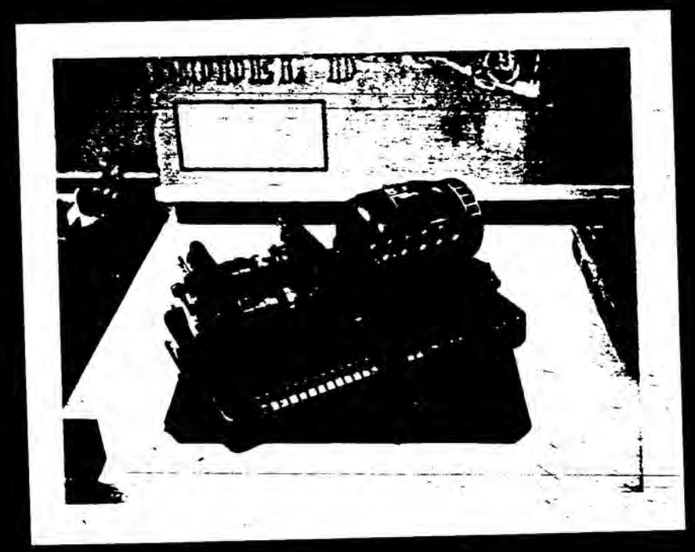
MUSEUM EQUIPMENT CODE: 3C-29

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU163b

PATENT(S):

LIBRARY REFERENCE(S):



6-UNIT XD

A six unit transmitter distributor used with Teletyp setter equipment.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S): Newspaper

CLASSIFICATION CODE: XD

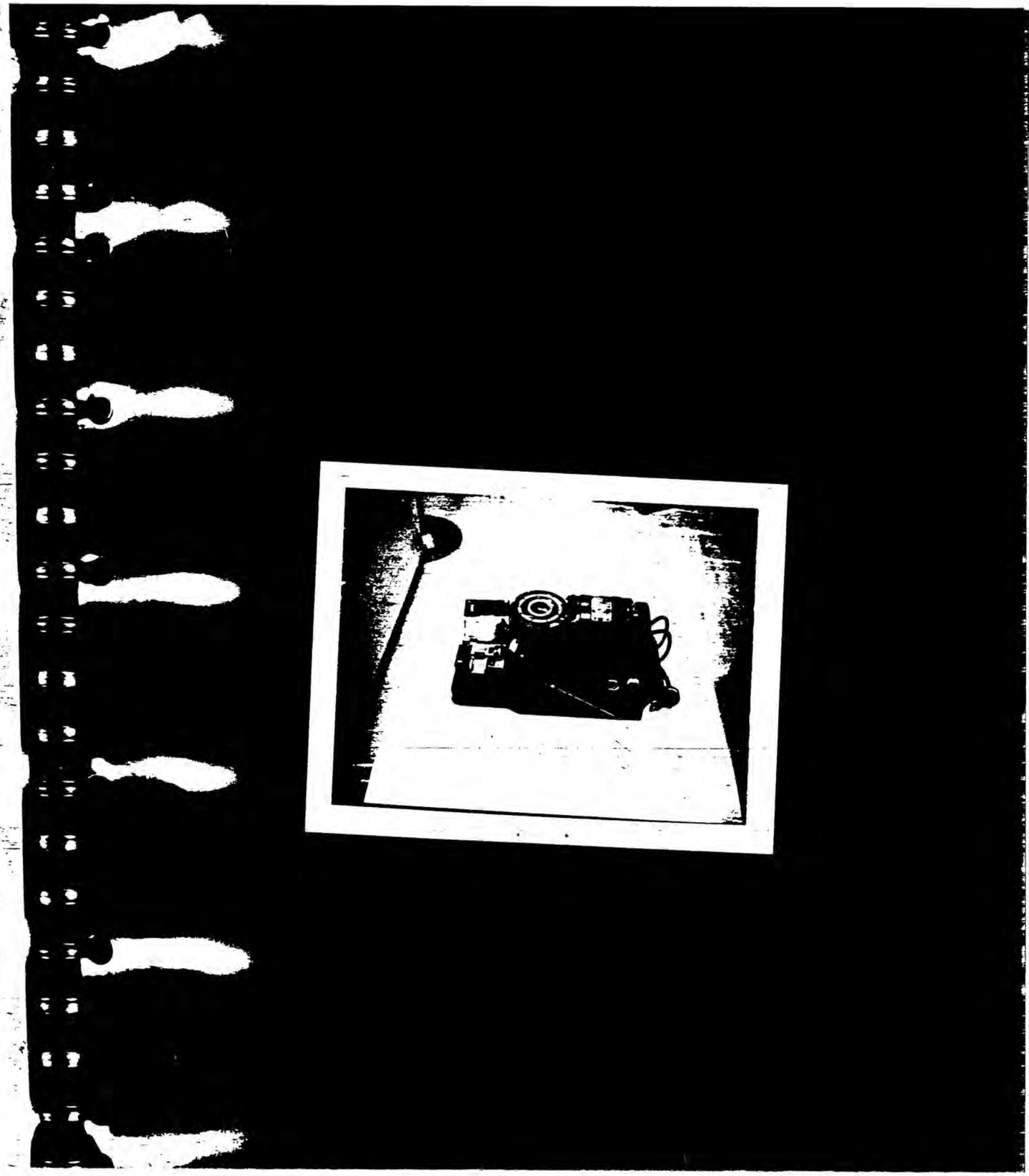
MUSEUM EQUIPMENT CODE: 3C-30

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU100

PATENT(S):

LIBRARY REFERENCE(S):



PIVOTED & FIXED HEAD MULTI-CONTACT TRANSMITTER DISTRIBUTOR

The war of the "FRXD type" but of the Model 28 generation. It featured the climbing head on the tape transmitt r.

YEARS PRODUCED & QUANTITY: C. 1957-1967 (Approx. 800)

PRIMARY CUSTOMER(S): Western Electric

CLASSIFICATION CODE: LCXD

MUSEUM EQUIPMENT CODE: 3C-31

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU145

PATENT(S):

LIBRARY REFERENCE(S):

CX READER

High speed reader used predominantly with Dataspeed.

YEARS PRODUCED & QUANTITY: 1960

PRIMARY CUSTOMER(S): F.A.A., WECO., Press Assoc., etc.

CLASSIFICATION CODE: CX

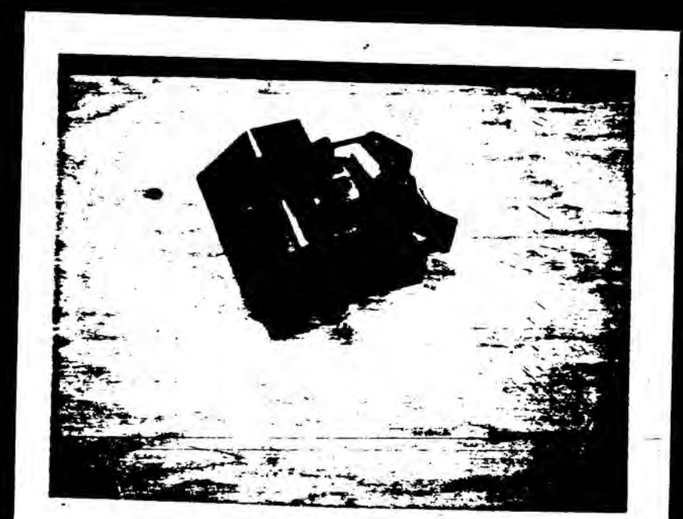
MUSEUM EQUIPMENT CODE: 3C-32

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU144

PATENT(S):

LIBRARY REFERENCE(S):



X-TYPE READER

A model of a magnet driven, multiplex transmitter.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

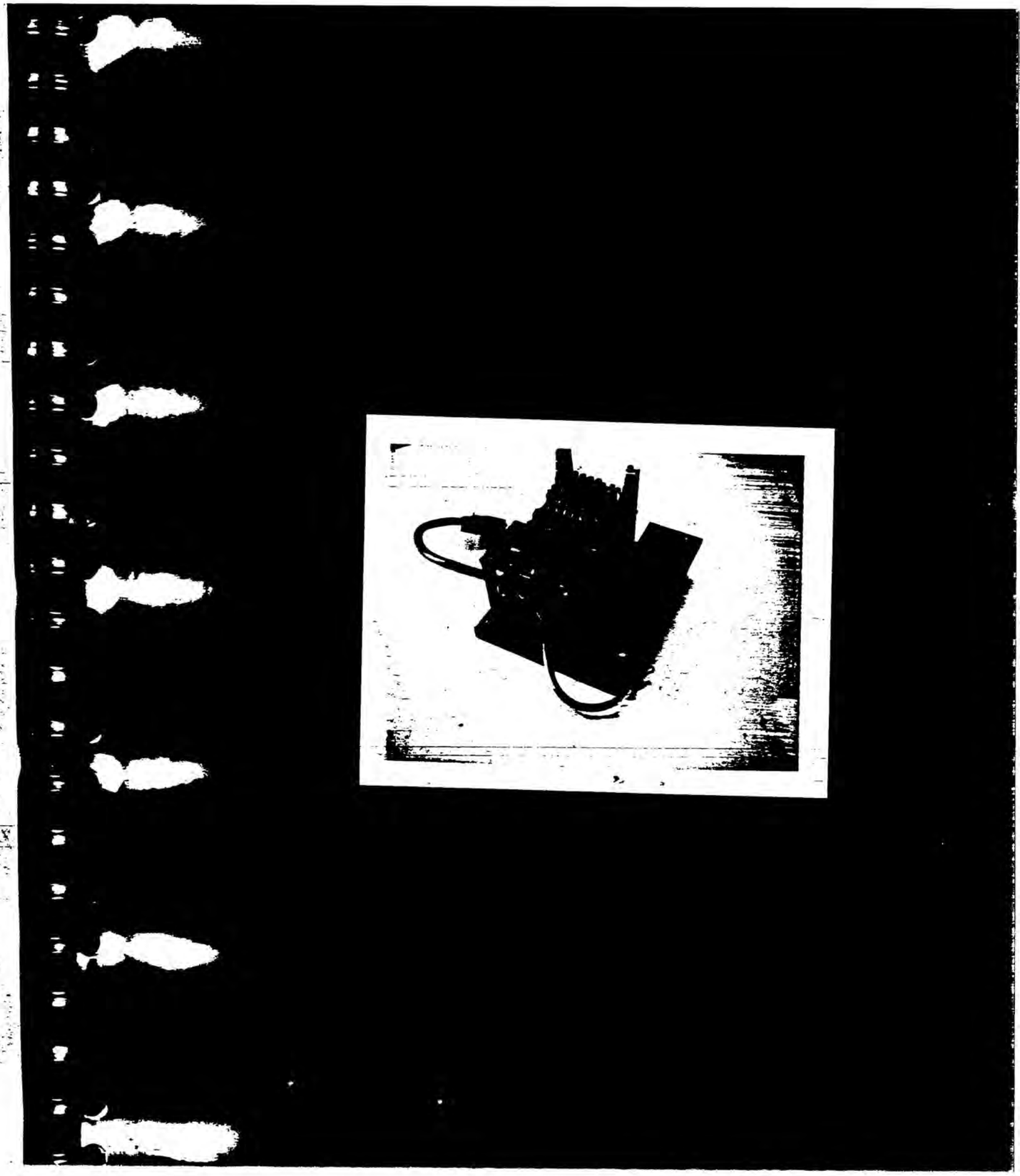
MUSEUM EQUIPMENT CODE: 3C-33

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU147

PATENT(S):

LIBRARY REFERENCE(S):



MULTIPLE TRANSMITTER DISTRIBUTOR (MXD)

Note metal tape lid. (Older style was plastic).

YEARS PRODUCED & QUANTITY: C. 1950-1962 (Approx. 27,000)

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE: 3C-34

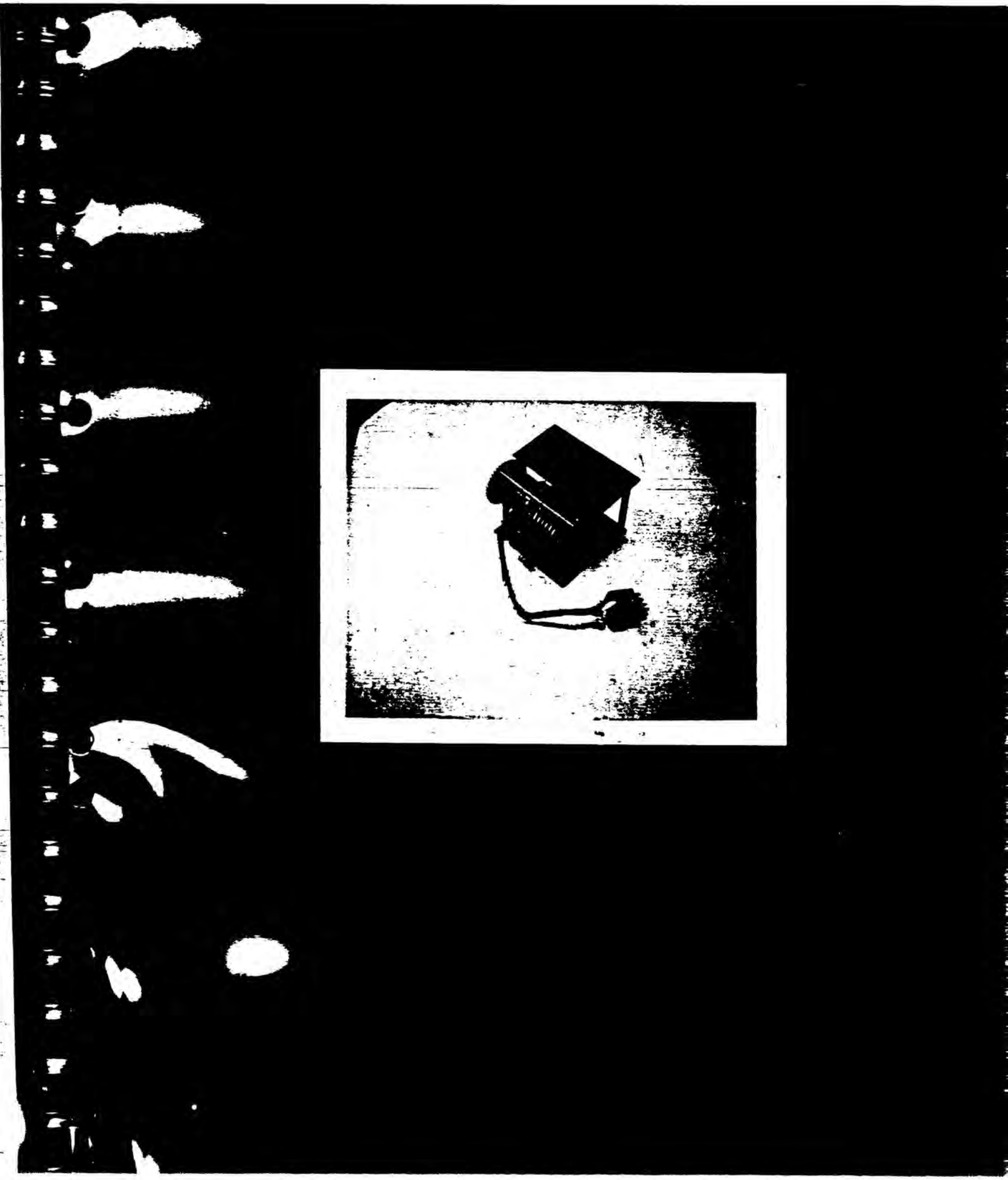
MUSEUM EQUIPMENT CODE:

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU158

PATENT(S):

LIBRARY REFERENCE(S):



HIGH SPEED READER (HX)

Early high speed reader which never made production.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

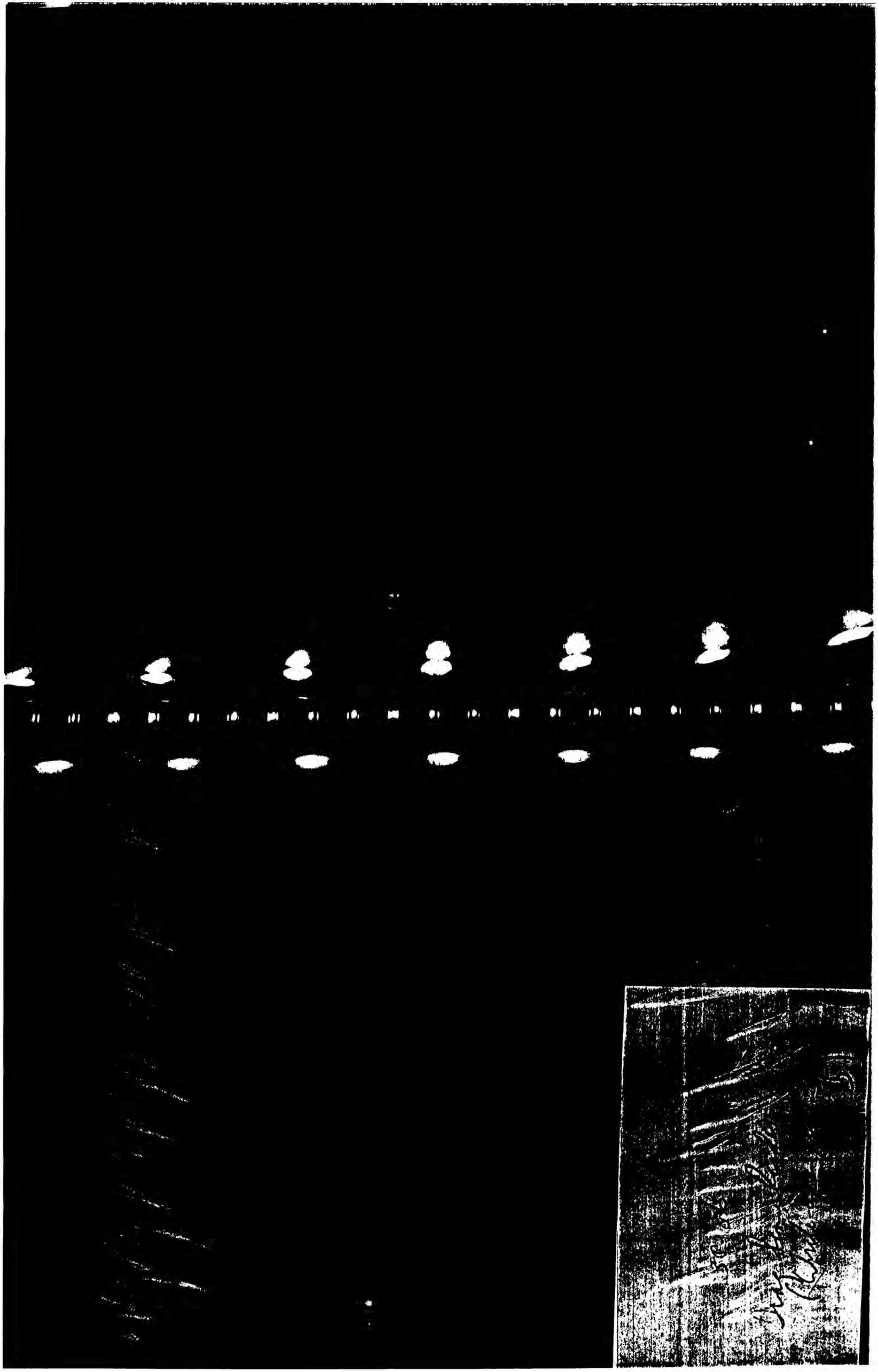
MUSEUM EQUIPMENT CODE: 3C-35

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU171

PATENT(S):

LIBRARY REFERENCE(S):



DX READER

Early design of the DX reader. The production model contained two heads, one to generate the transmitted data, and th s cond to check characters used for error detection, and was used with the Telespeed 1200 EDC sets.

YEARS PRODUCED & QUANTITY: Not production at this peint

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE: DX

MUSEUM EQUIPMENT CODE: 3C-37

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid T011

PATENT(S):

LIBRARY REFERENCE(S):

X-TYPE READER

A model of a parallel, magnet driven, "X" type transmitt r.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

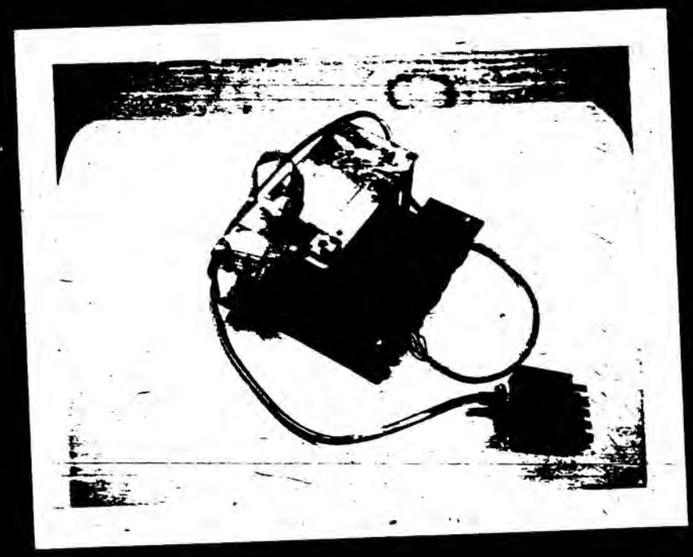
MUSEUM EQUIPMENT CODE: 3C-38

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid TU104

PATENT(S):

LIBRARY REFERENCE(S):



EARLY MULTIPLE TRANSMITTER DISTRIBUTOR (MXD)

An early model of a cam operated Multiple Transmitter Distributor.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE: MXD

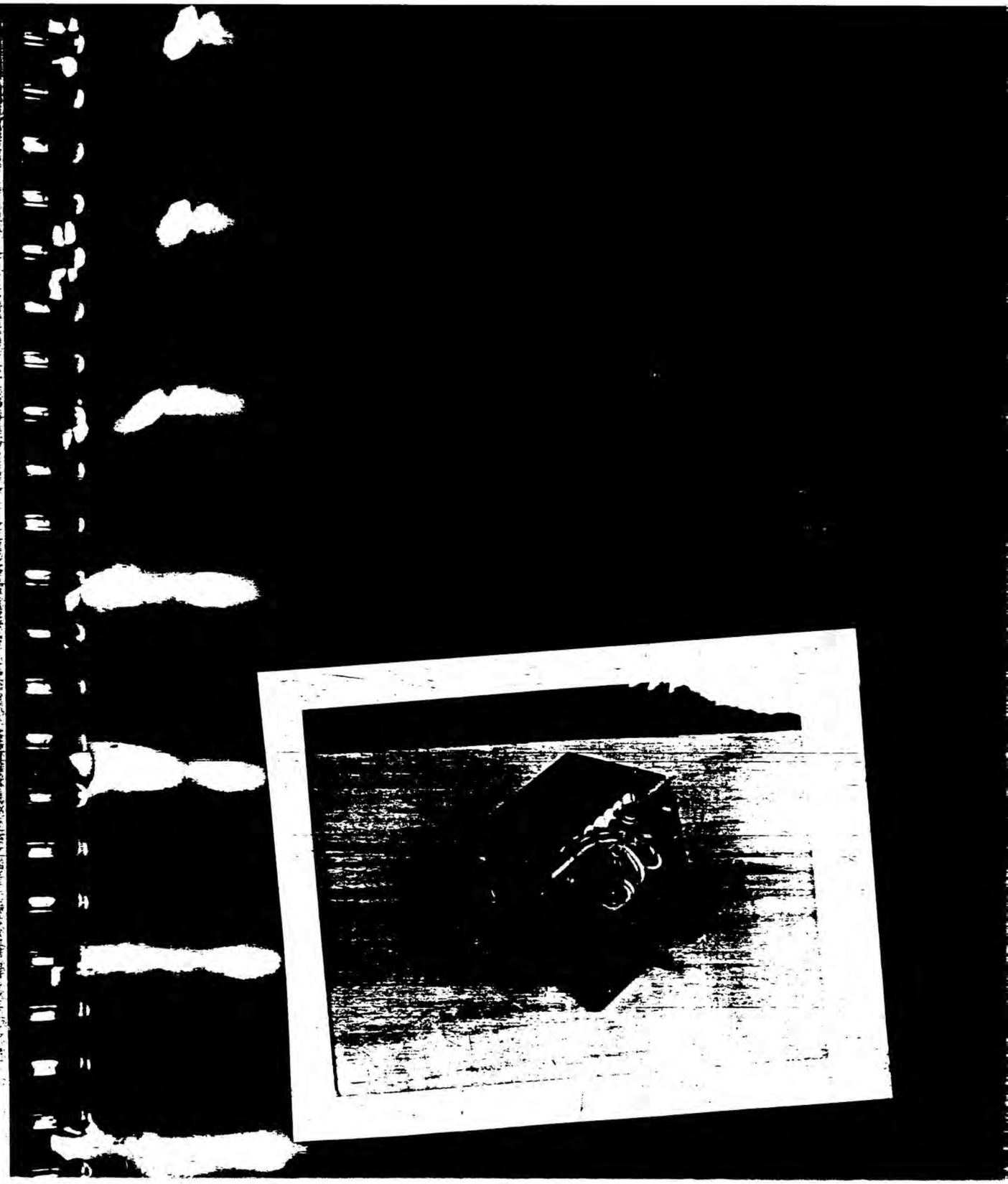
MUSEUM EQUIPMENT CODE: 3C-39

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): Polaroid T016

PATENT(S):

LIBRARY REFERENCE(S):



TRANSMITTER DISTRIBUTOR

An early model of a transmitter distributor featuring a sp cial clutch (Baldwin).

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S):

CLASSIFICATION CODE:

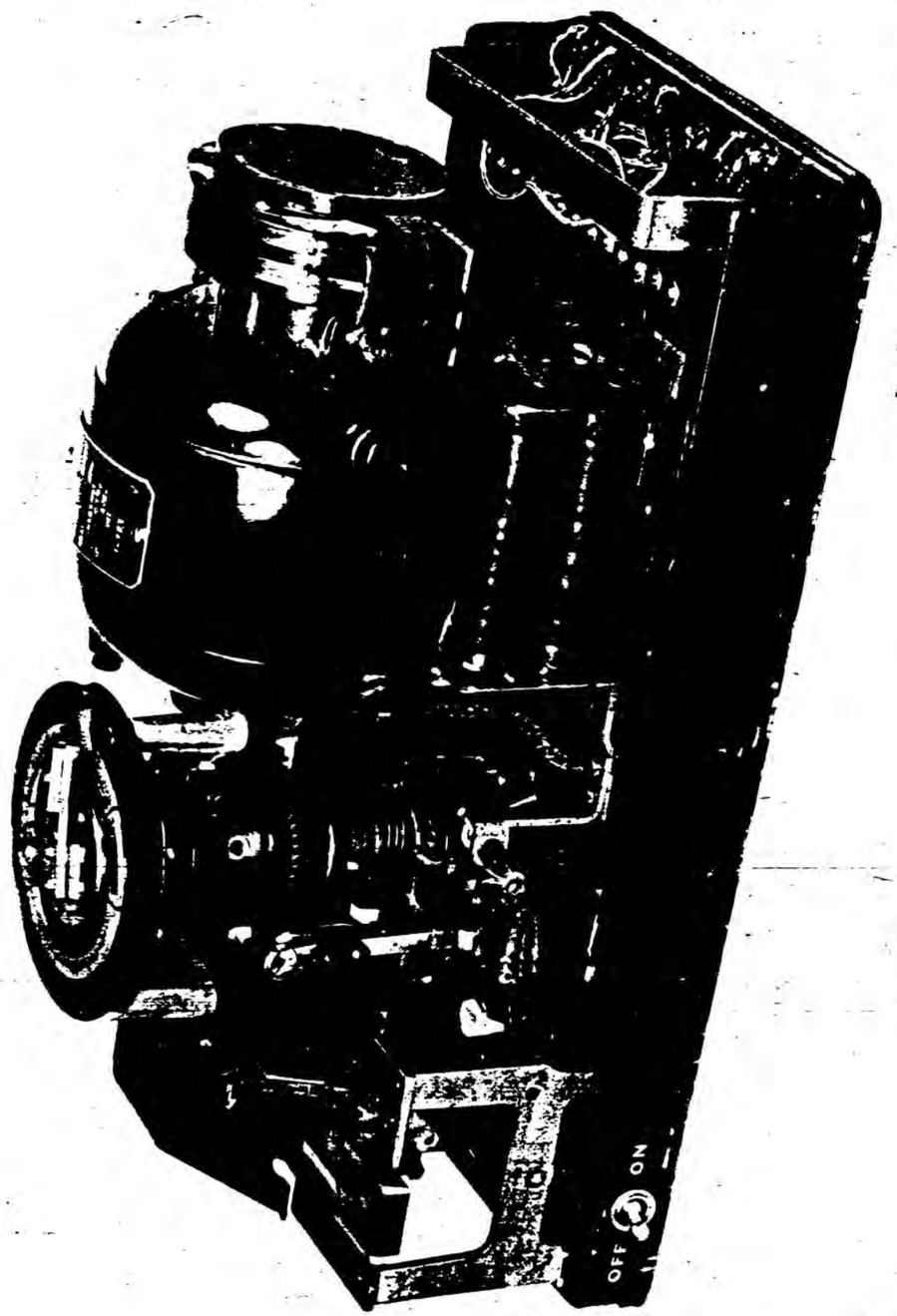
MUSEUM EQUIPMENT CODE: 3C-40

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 631129-66

PATENT(S):

LIBRARY REFERENCE(S):



YX-800 TAPE READER

A fully perforated tape reader capable of reading bi-directionally (for error detection) at speeds up to 300 wpm. Production never got under way even though tooling was completed.

YEARS PRODUCED & QUANTITY: C.1968

PRIMARY CUSTOMER(S): BTL, others

CLASSIFICATION CODE: YX-800

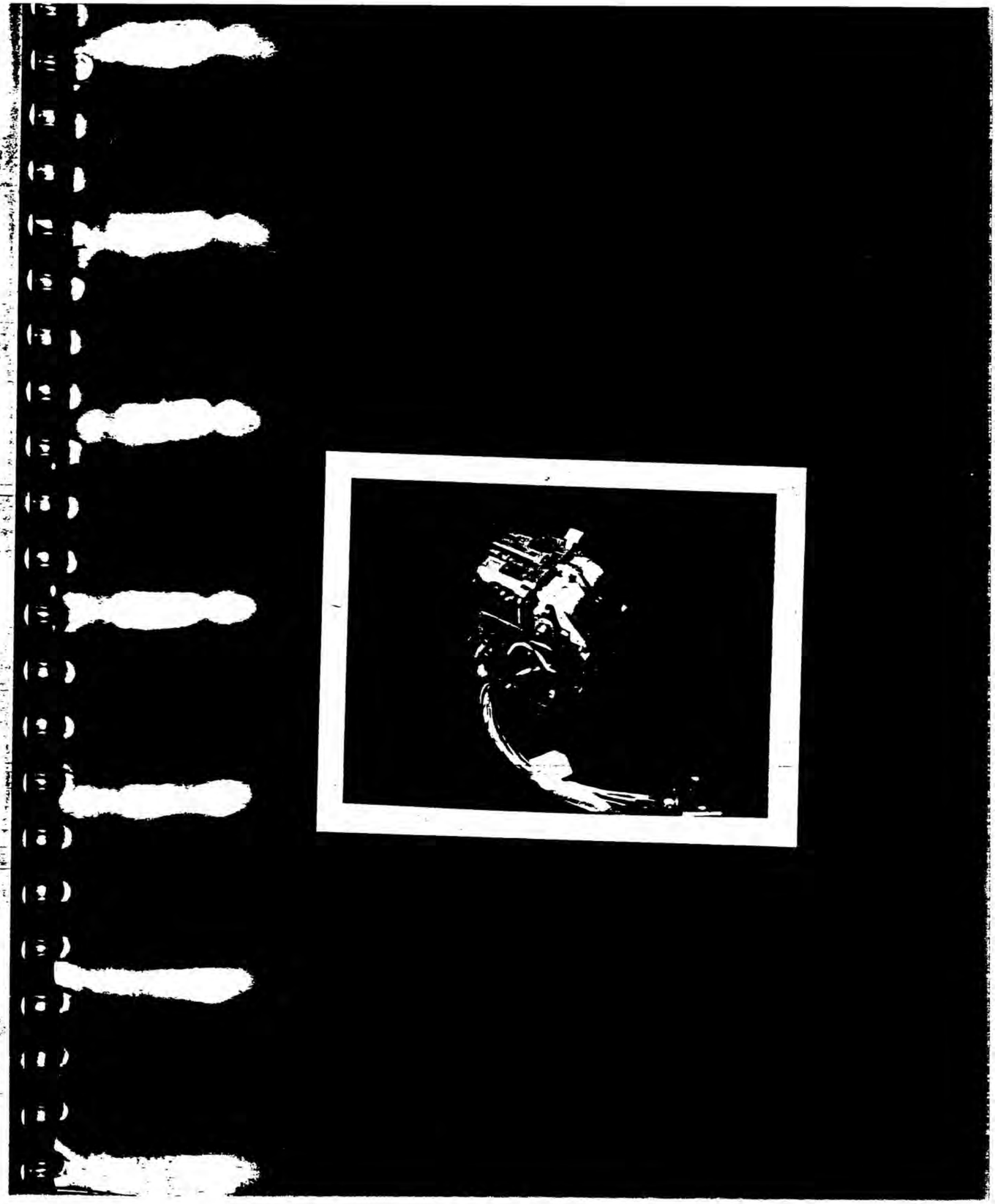
MUSEUM EQUIPMENT CODE: 3C-41

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S):

PATENT(S):

LIBRARY REFERENCE(S):



TAPE READER

Crypto device.

YEARS PRODUCED & QUANTITY:

PRIMARY CUSTOMER(S): U. S. Government

CLASSIFICATION CODE: TT-36/GGA-1 of AN/GGA-1

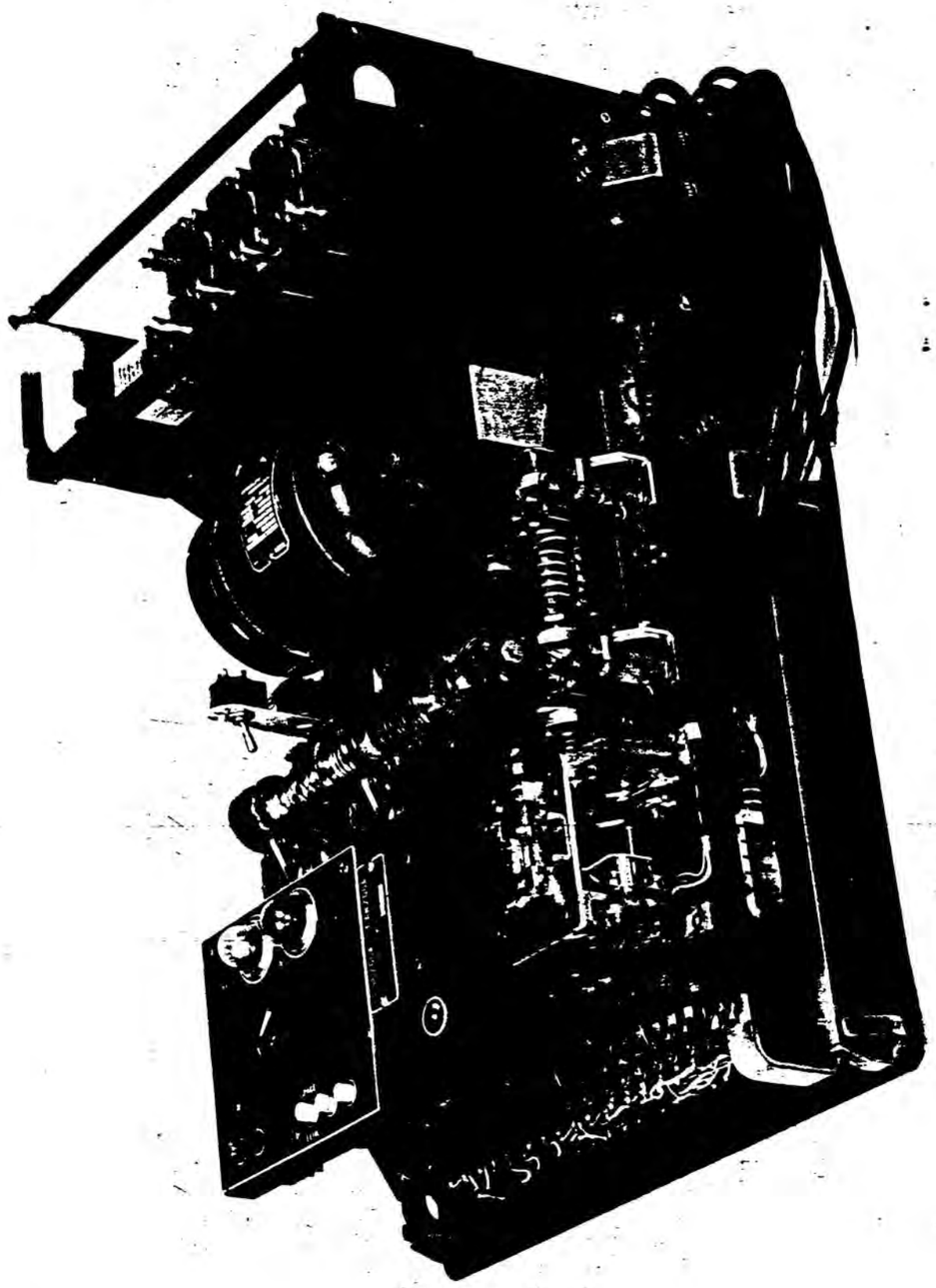
MUSEUM EQUIPMENT CODE: 3C-43

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 710817-12, -13, -14

PATENT(S):

LIBRARY REFERENCE(S):



TAPE READER

Crypto device.

YEARS PRODUCED & QUANTITY: Production

PRIMARY CUSTOMER(S): U. S. Government

CLASSIFICATION CODE: K-23 TSEC/HL2

MUSEUM EQUIPMENT CODE: 3C-44

TECHNICAL BULLETINS & SPECS:

PHOTO NO(S): 710817-18, -19, -20

PATENT(S):

LIBRARY REFERENCE(S):