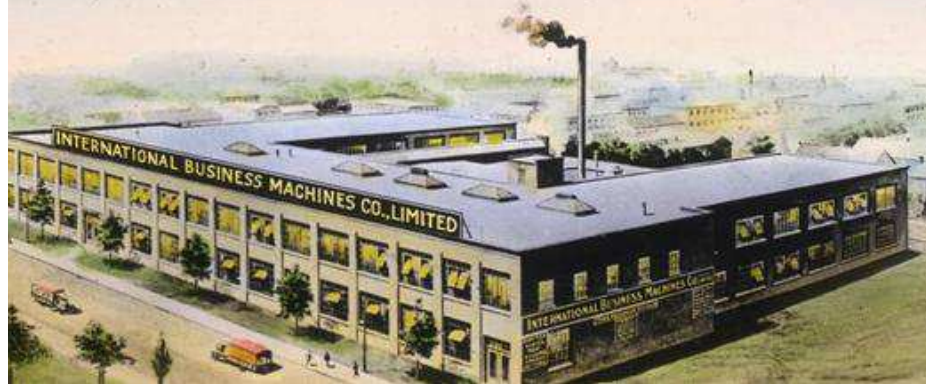


Scans of Glass Lantern Slides

Dated September 1947, but
content appears to be
from circa 1924

International Business Machines Corporation

Toronto Plant
TORONTO, CAN.



International Business Machines Corporation

Dayton Plant, No. 2
DAYTON, OHIO.



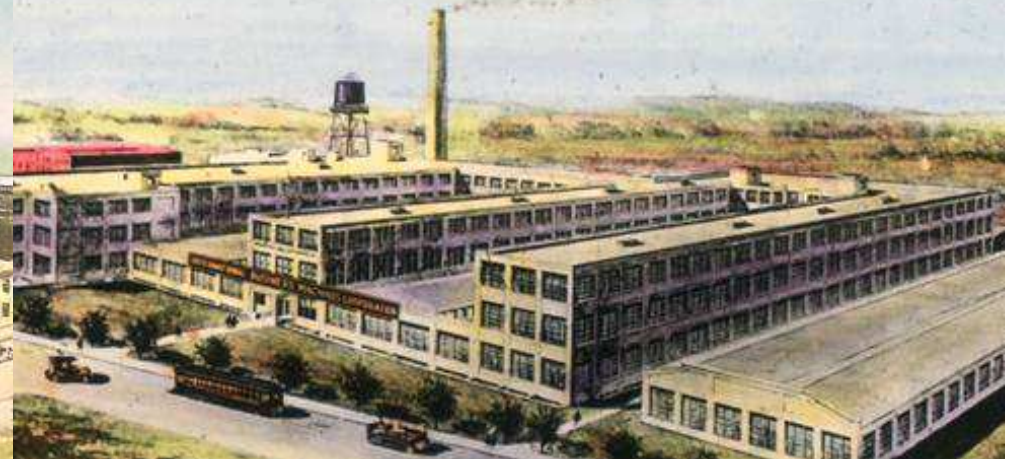
International Business Machines Corporation

Dayton Plant, No. 1
DAYTON, OHIO.



International Business Machines Corporation

Endicott Plant
ENDICOTT, N. Y.



International Business Machines Corporation
Washington Plant
WASHINGTON, D. C.



THE TABULATING MACHINE COMPANY

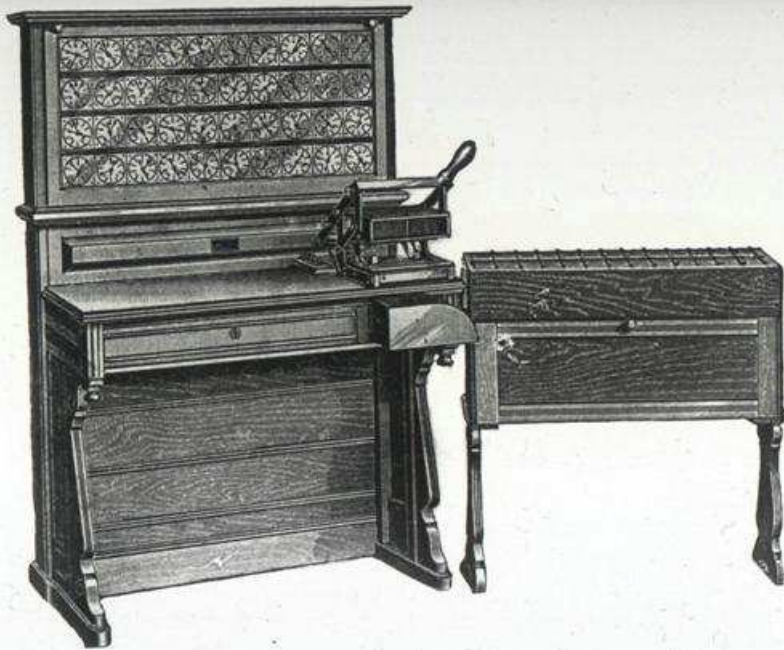
Subsidiary of
International Business Machines Corporation

GENERAL OFFICES

50 Broad Street

New York

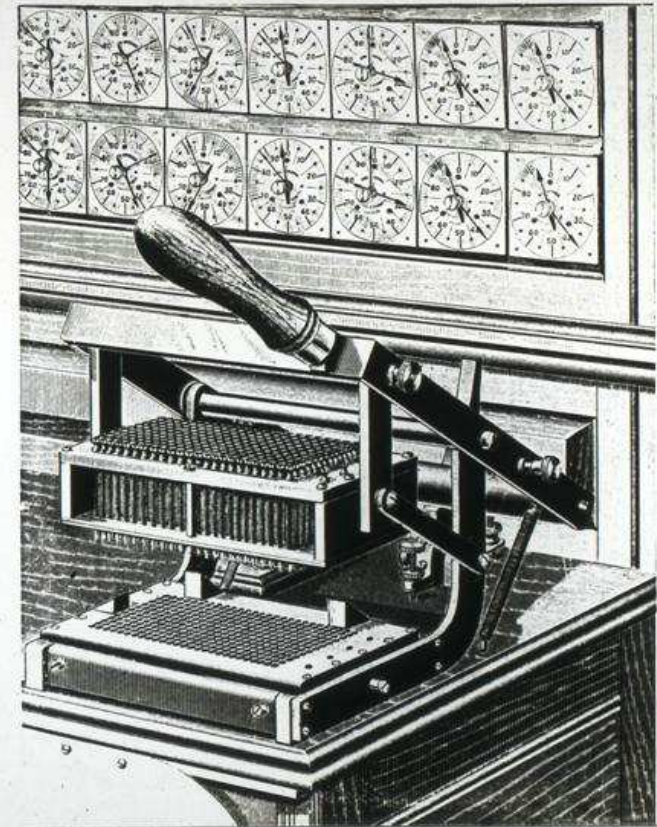
TABULATING MACHINES prevent the
waste of motions, minutes and material
and enable fewer people do more work in
less time.

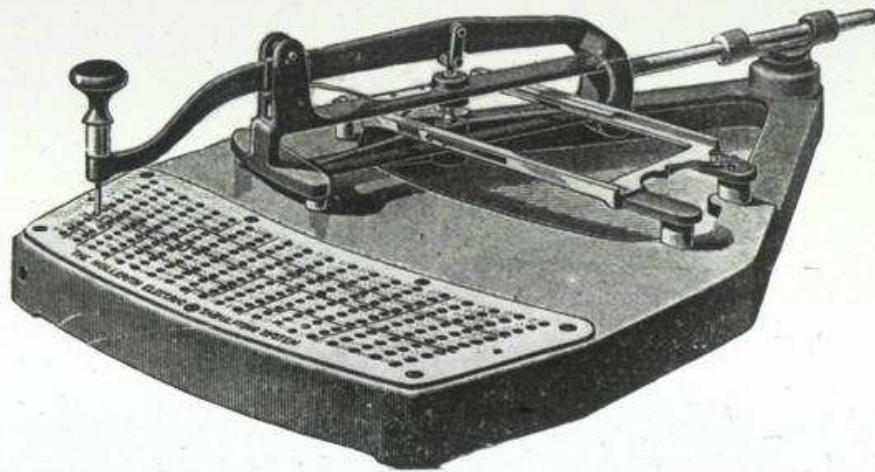


Original Model of the Population Type Hollerith Electric Tabulating Machine

It was with the aid of these machines that the population of the United States, as it stood on June 1, 1890, was counted. This was the first time in the history of the world that the population count of a great nation was made electrically or by other than manual methods.

**This
illustration
is a close-up
of a section
of the
Hollerith
Electric
Tabulating
Machine
used in
compiling
the Census
of 1890**





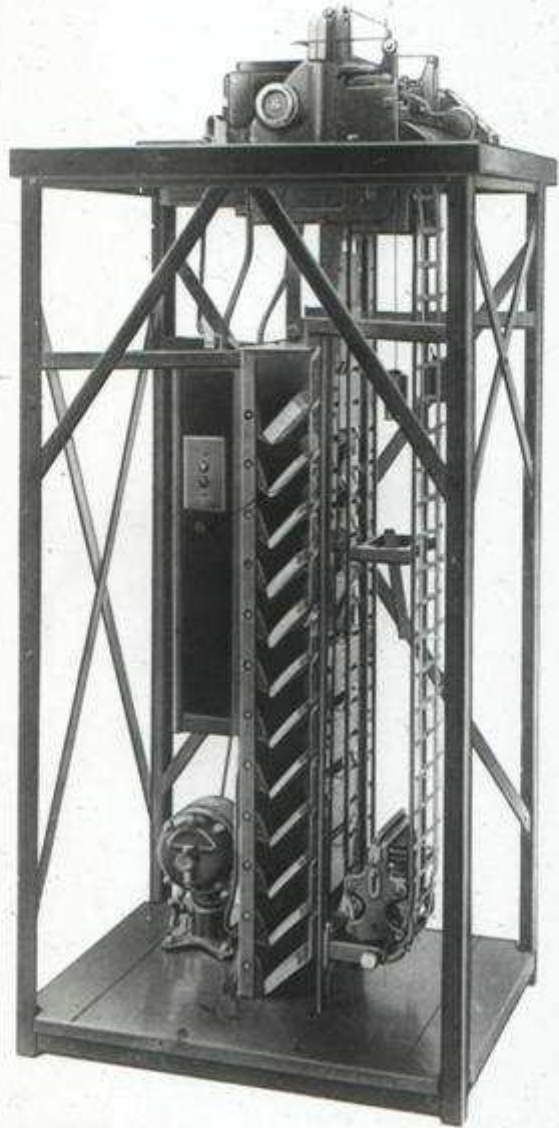
FIRST HOLLERITH KEYBOARD PUNCH

Over the keyboard--which was of celluloid--swung a sharp index finger whose movement, after the manner of a pantograph, was repeated in the rear by a punch which perforated the cards.

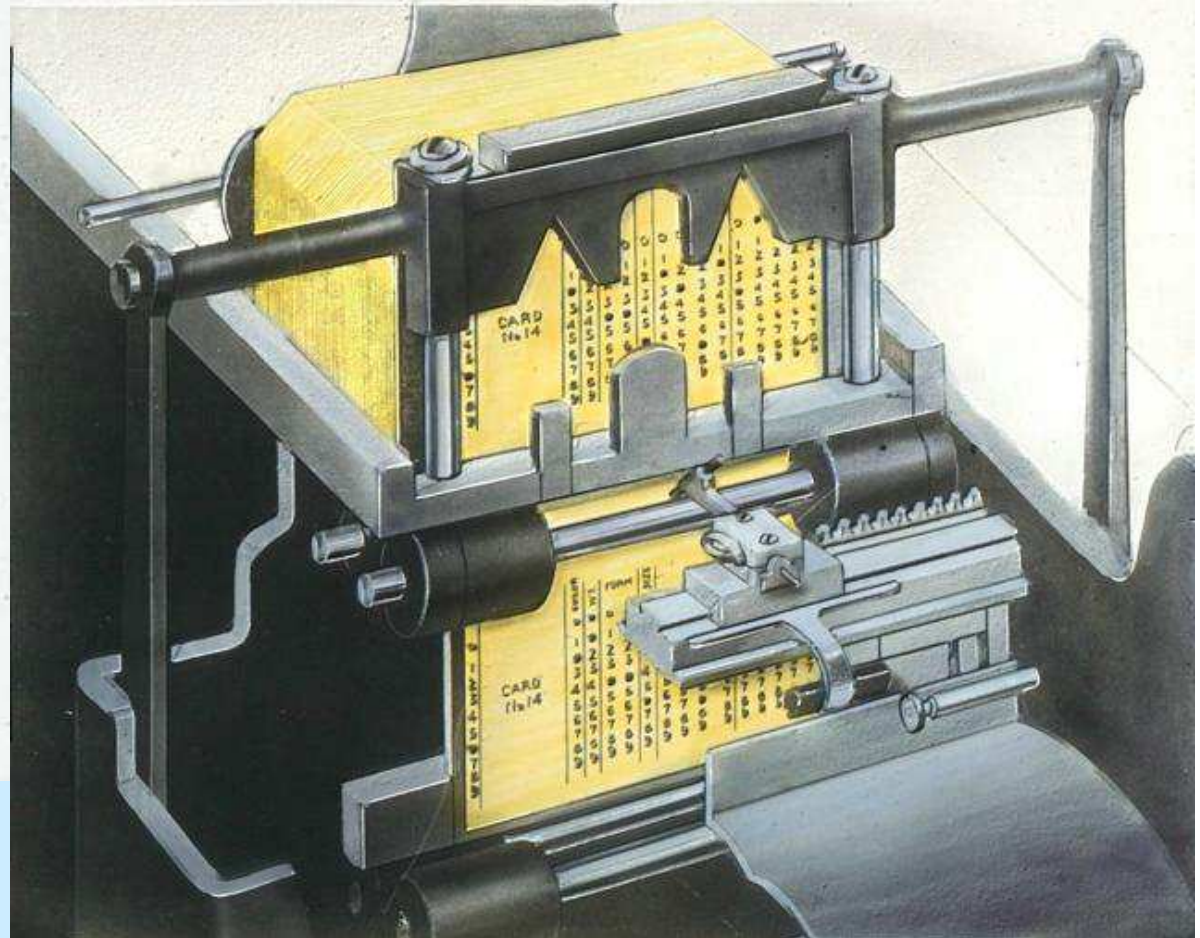
Original Electric Tabulating Machine
For Railroad and Commercial Accounting



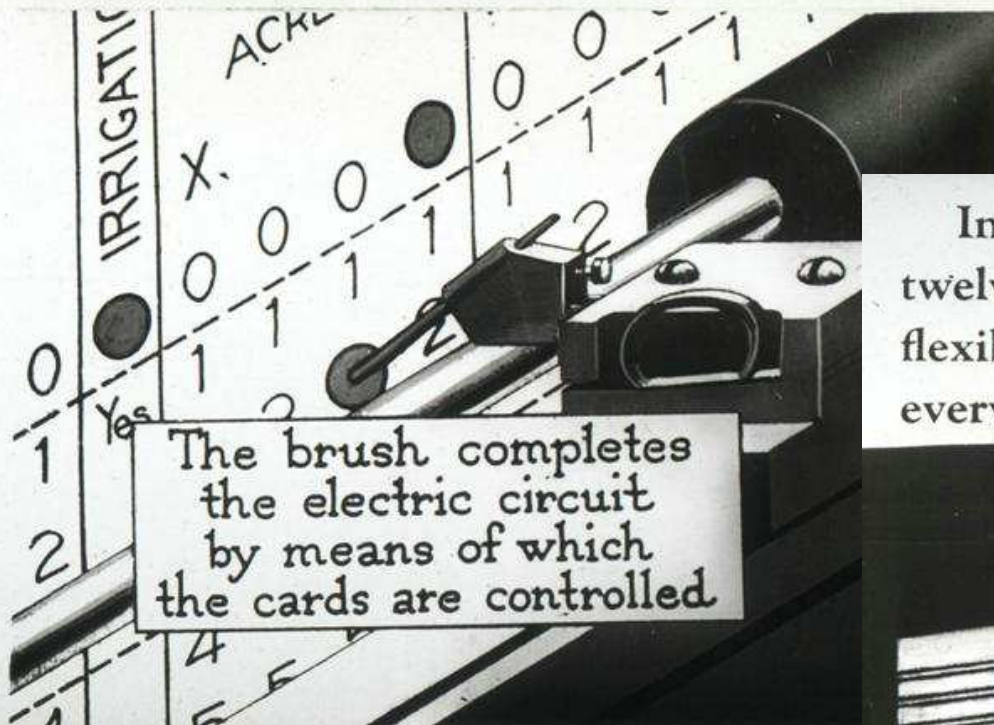
Electric Sorting Machine



Sectional View of the Feed Mechanism of the Electric Sorting Machine

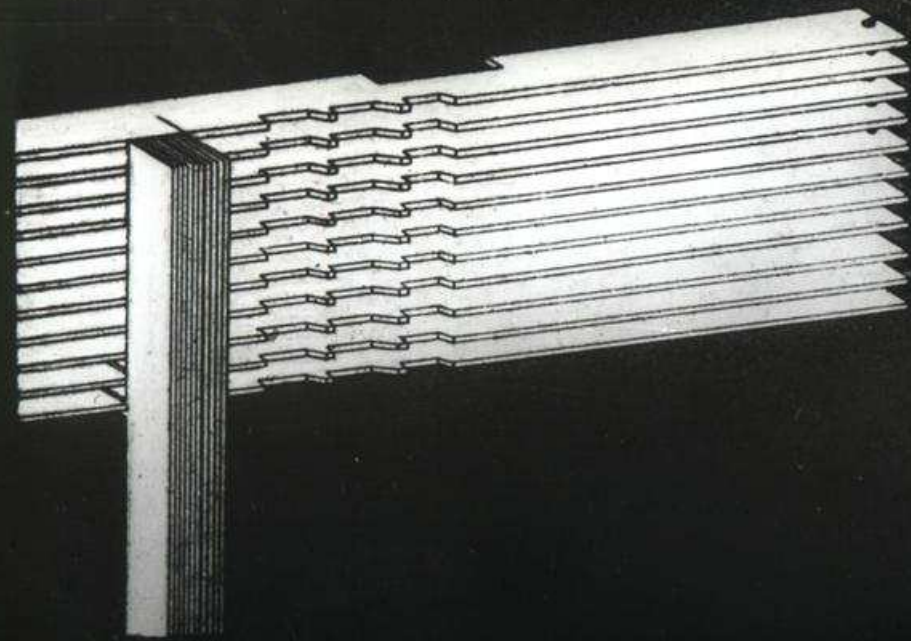


The electrical contact brush which determines the distribution of the cards. This brush may be set to sort any vertical column on the cards.



The brush completes the electric circuit by means of which the cards are controlled.

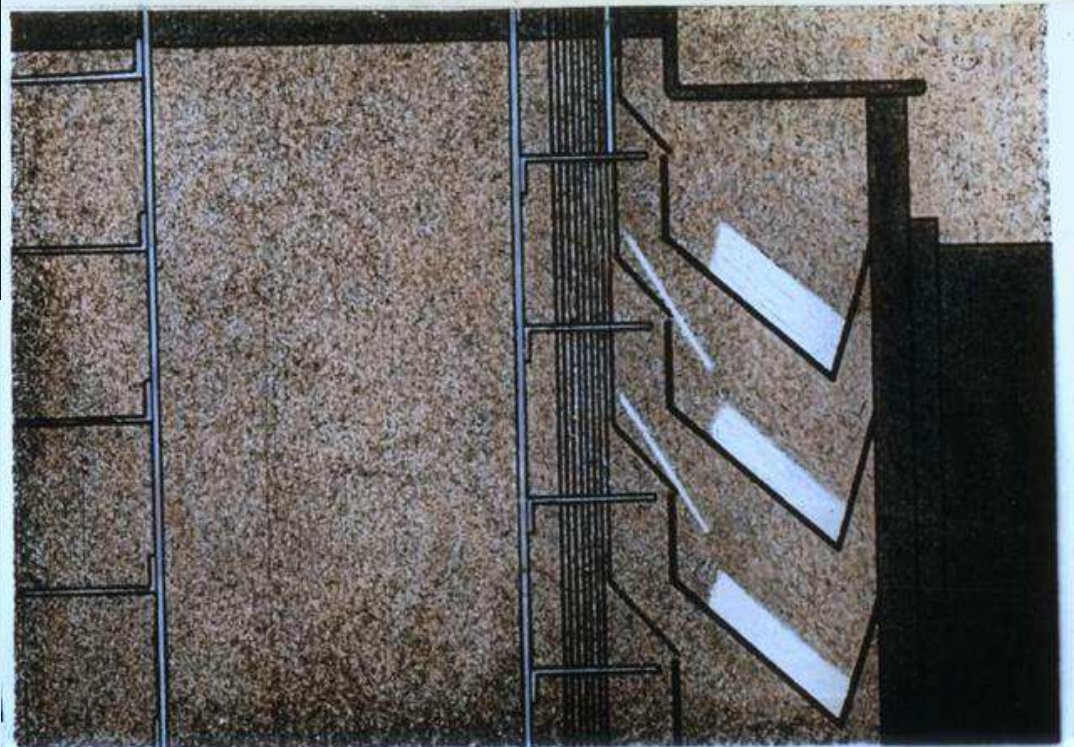
In the Electric Sorting Machine there are twelve control bars (horizontal) and twelve flexible strips (vertical), — one of each for every position on the card.



After passing the contact brush the card is carried along by rollers and dropped into the slot which has been opened to receive it.



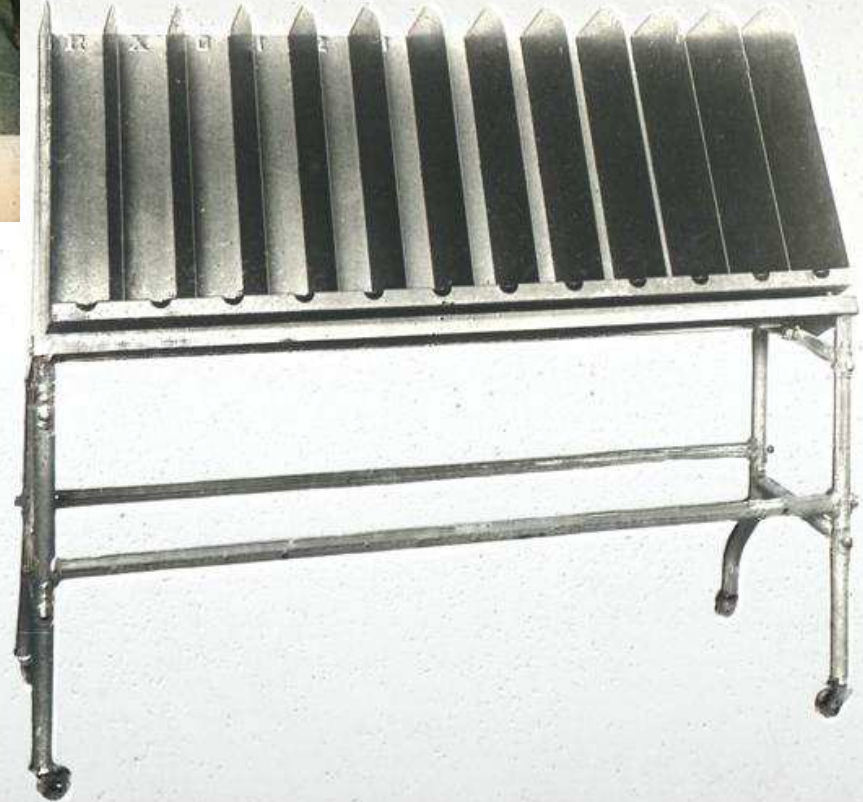
These flexible strips serve as guides for the cards which are passed along to the ends and dropped into pockets. A pocket is provided for each of the twelve positions in the column.





One operator and two Electric Sorting Machines can distribute cards into predetermined classifications at the rate of 500 every minute

Tabulating Card Sorting Tray



Key Punch



Adding and Subtracting Keyboard of the Tabulating Card Punch

Electric
Tabulating
and
Accounting
Machines



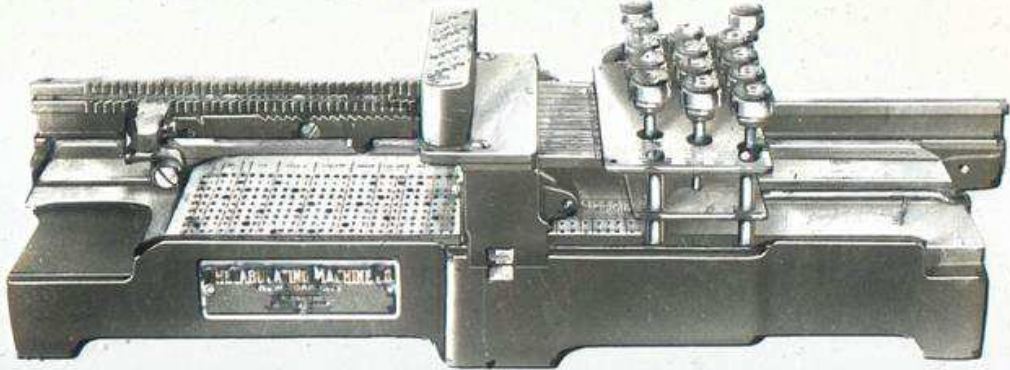
Add
and subtract
automatically

Electric Key Punch

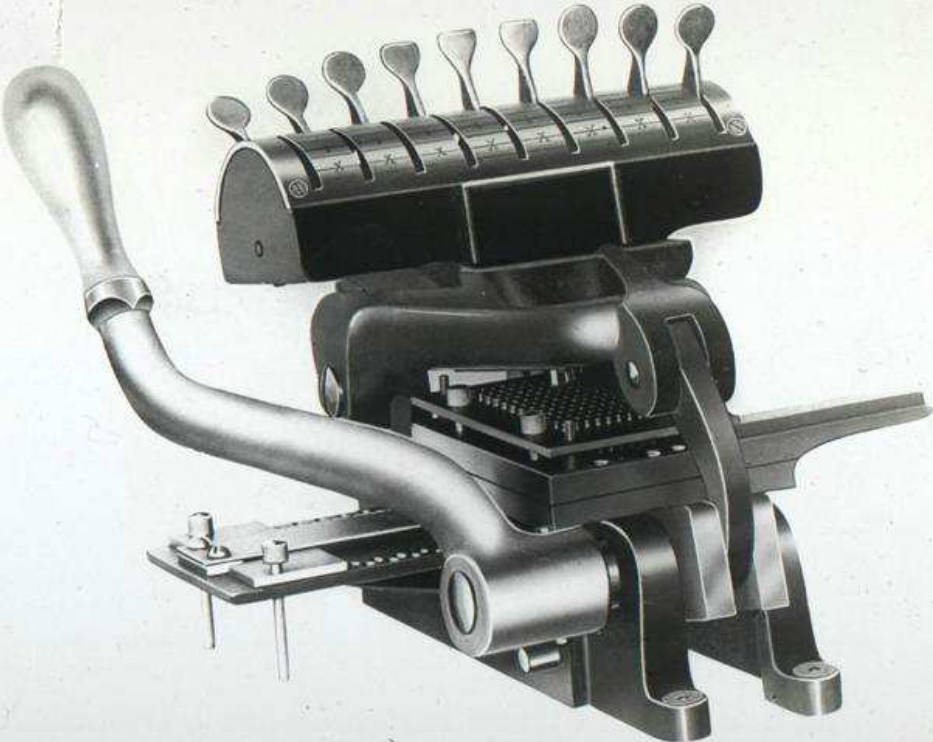


Incorrect Method of Key Punching

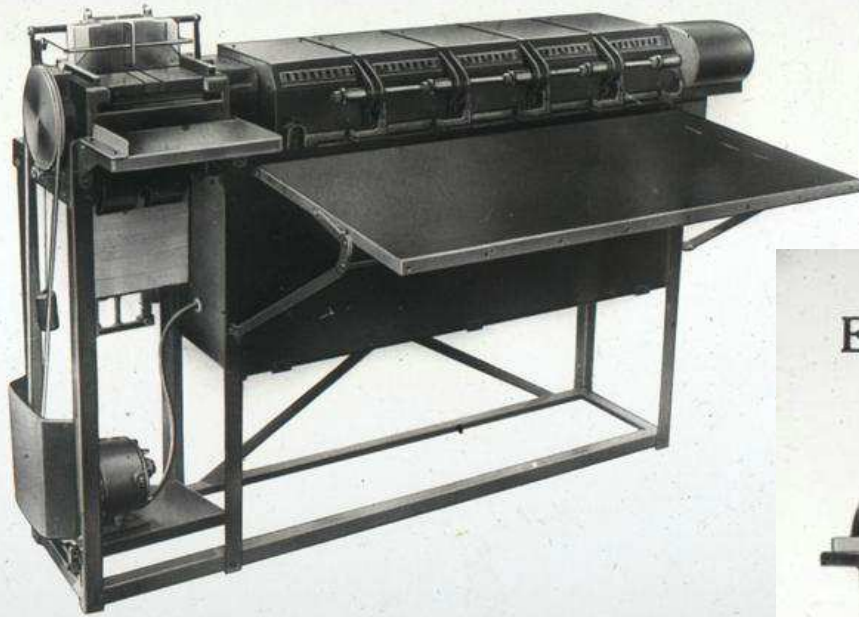
Verification Key Punch



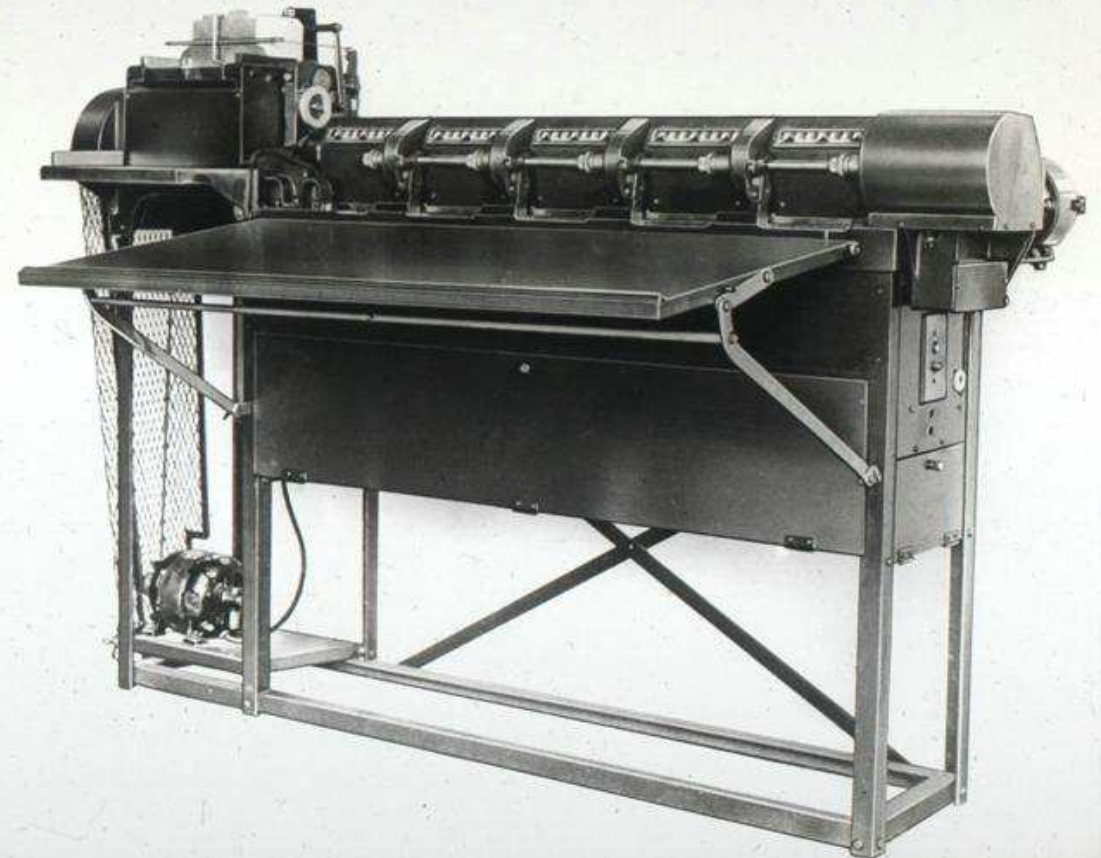
Gang Punch



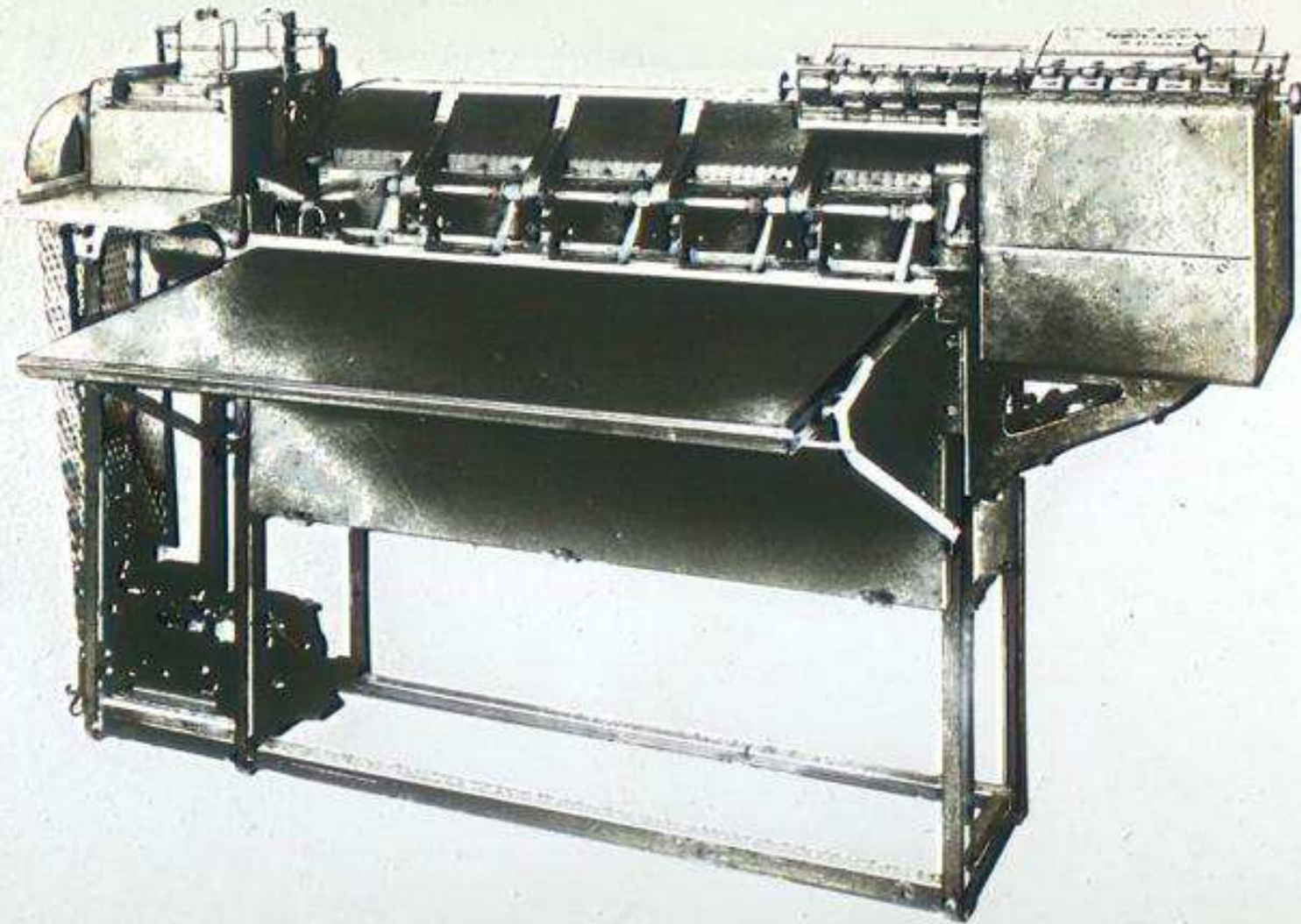
Electric Tabulating Machine



Electric Automatic Control Tabulating Machine

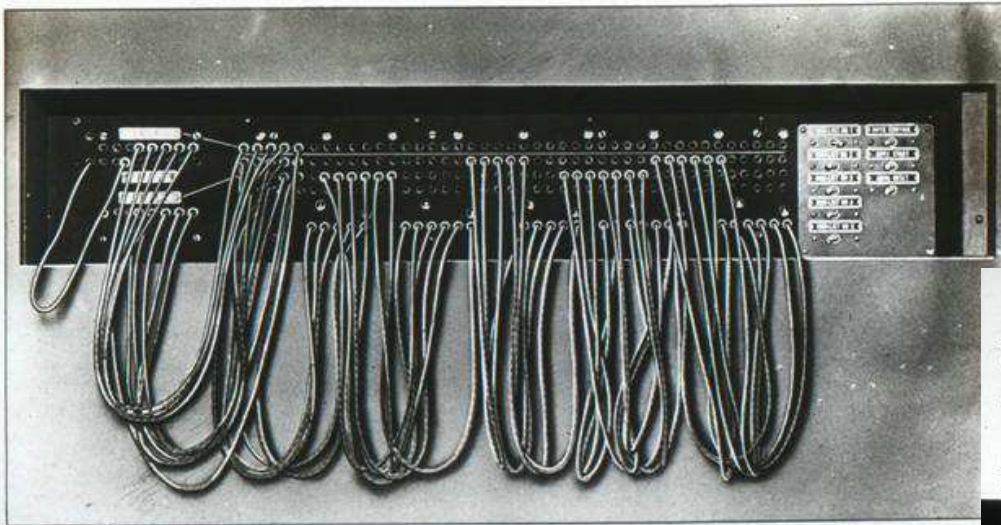


Electric Accounting Machine

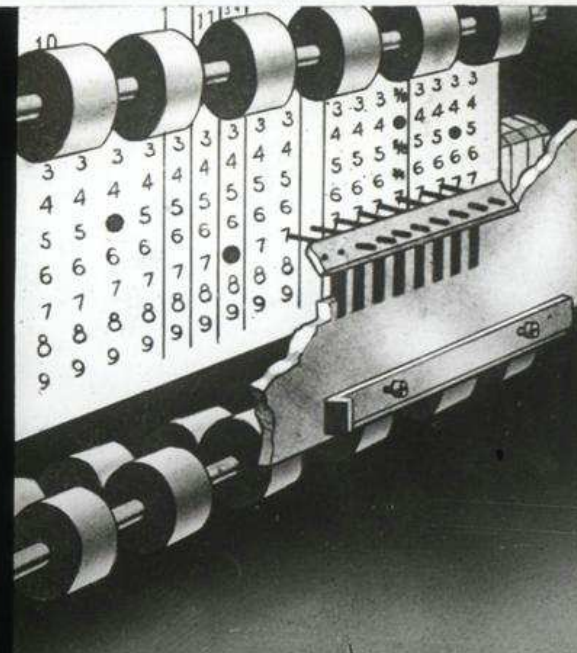


PLUG BOARD
OF THE
Electric Accounting Machine

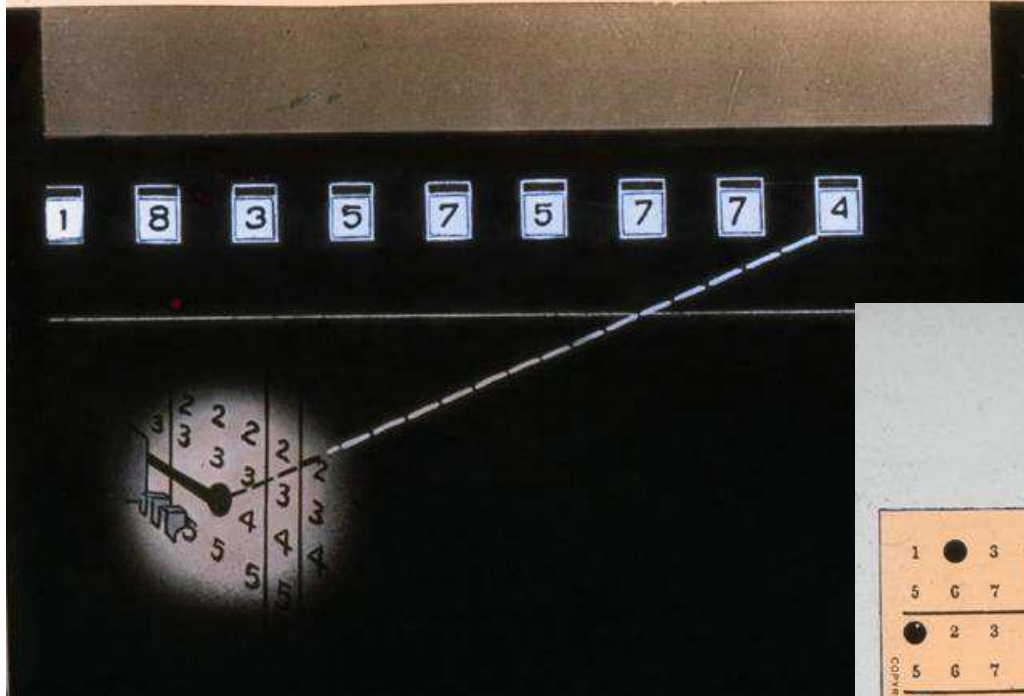
Fully wired, with connections made
for adding and indicating.



Sectional view of the feed mechanism showing electrical contact brushes. In the Electric Tabulating Machine there is one of these brushes for each of the forty-five columns on the card.



Every amount represented by a hole in the card is registered on the counter.



Census Card

COMPILED BY W. H. HOLLISTER

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|----|----|----|----|-----|----|----|----|----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | ● | 3 | 4 | ● | 0 | 1 | 5 | ● | Un | 0 | 6 | 12 | 0 | 6 | 12 | Me | NH | ● | Oh | Mch | Ja | SD | | |
| 5 | G | 7 | 8 | B | F | 10 | 15 | 18 | 1 | 6 | 8 | 1 | 7 | 13 | 1 | 7 | 13 | Mas | RI | Ct | Ind | Wis | Mo | Nbr |
| ● | 2 | 3 | 4 | Ch | 20 | 21 | 25 | 30 | 2 | 7 | MO | 2 | 8 | 14 | 2 | 8 | N | NJ | Pa | Ill | Min | ND | Fan | |
| 5 | G | 7 | 8 | Jp | 35 | 40 | ● | 50 | 3 | ● | 3 | 9 | 15 | 3 | 9 | ● | Md | Va | WVa | Ky | Ten | Ala | Clf | |
| ● | 2 | 3 | 4 | In | 55 | 60 | 65 | 70 | 4 | 9 | Wd | 4 | 10 | 16 | 4 | 10 | Del | NC | SC | Mis | La | Tex | Ore | Wah |
| 5 | G | 7 | 8 | 75 | 80 | 85 | 90 | 95+ | Un | D | 5 | 11 | 17+ | 5 | 11 | Au | Dk | Fr | It | Bl | GB | Lx | WI | |
| 1 | 2 | 3 | ● | ● | ● | ● | ● | 4 | 17 | 11 | 5 | Un | 15 | 2 | 0 | US | Un | ● | US | Un | ● | Uta | Pi | Ari |
| 5 | 6 | 7 | 8 | Ot | NR | 1 | b | 5 | Ot | 12 | 6 | NG | 20+ | 3 | 1 | Gr | Ir | Sc | Gr | Ir | Sc | NM | Phy | Col |
| 1 | 2 | 3 | 4 | 2 | NW | 4 | c | 6 | ● | 13 | 7 | 1 | ● | 4 | Au | Sw | CE | Wa | Sw | CE | Wa | Wgo | PR | Mnt |
| 5 | 6 | 7 | ● | 4 | 0 | 7 | d | 7 | 1 | 14 | 8 | 2 | Pa | 5 | Sz | Nw | CF | Hu | Nw | CF | Hu | Alk | Pr | Ab |
| 1 | ● | 3 | 4 | 6 | 12 | 10 | e | 8 | 2 | 15 | 9 | ● | Al | 6 | Po | Dk | Fr | It | Dk | Fr | It | Au | Sea | |
| 5 | 6 | 7 | 8 | 8+ | Un | g | f | 9 | 3 | 16 | 10 | 4 | Un | ● | Ot | Ru | Bo | Ot | Eu | Do | Sw | Po | NS | |

27 87

Industrial population Census Card covering the Twelfth U. S. Census, compiled in 1900.

| |
|------------|
| A - MANILA |
| B - RED |
| C - SALMON |
| D - BLUE |
| E - GREEN |
| F - BROWN |
| G - YELLOW |

Chart Showing the Range of Tints used for Solid Colored Tabulating Cards

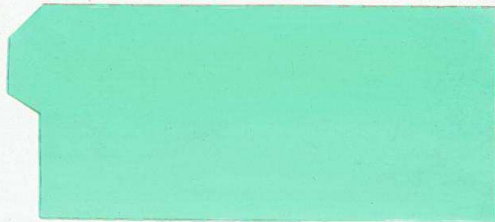
| |
|------------|
| A - MANILA |
| K - RED |
| L - SALMON |
| M - BLUE |
| P - GREEN |
| S - BROWN |
| T - YELLOW |
| V - VIOLET |
| W - ROSE |
| X - GREY |

Chart Showing the Range of Tints used for Striped Tabulating Cards

| COLOR OF PAPER | COLOR CHART FOR STRIPED CARDS | | | | | | | | | |
|----------------|-------------------------------|----------|--------|---------|---------|----------|----------|--------|--------|------|
| | K-RED | L-SALMON | M-BLUE | P-GREEN | S-BROWN | T-YELLOW | V-VIOLET | W-ROSE | X-GRAY | |
| B-RED | CONTRAST | GOOD | FAIR | GOOD | FAIR | BAD | FAIR | GOOD | BAD | GOOD |
| | COLOR | GOOD | FAIR | FAIR | BAD | BAD | BAD | GOOD | BAD | FAIR |
| C-SALMON | CONTRAST | GOOD | BAD | FAIR | FAIR | BAD | FAIR | GOOD | GOOD | GOOD |
| | COLOR | GOOD | BAD | BAD | BAD | BAD | BAD | GOOD | GOOD | FAIR |
| D-BLUE | CONTRAST | GOOD | BAD | BAD | FAIR | BAD | FAIR | GOOD | FAIR | FAIR |
| | COLOR | FAIR | BAD | BAD | GOOD | BAD | GOOD | GOOD | FAIR | FAIR |
| E-GREEN | CONTRAST | GOOD | BAD | GOOD | BAD | BAD | FAIR | GOOD | FAIR | GOOD |
| | COLOR | FAIR | BAD | GOOD | BAD | BAD | BAD | GOOD | BAD | GOOD |
| F-BROWN | CONTRAST | GOOD | BAD | GOOD | GOOD | BAD | BAD | GOOD | FAIR | FAIR |
| | COLOR | GOOD | BAD | FAIR | GOOD | BAD | BAD | GOOD | FAIR | FAIR |
| G-YELLOW | CONTRAST | GOOD | FAIR | GOOD | GOOD | FAIR | BAD | GOOD | FAIR | GOOD |
| | COLOR | GOOD | GOOD | BAD | GOOD | GOOD | BAD | FAIR | FAIR | GOOD |

Chart showing good, fair and bad color combinations for striped cards

Stop Card



AGRICULTURAL CENSUS CARD Use of Land

| State and County | 11 Schedule 10 | 12 Schedule 11 | CARD NO. 4 | | | | | | | | | |
|------------------|-------------------|-------------------|--------------|---------|---------|---------|---------|-----------------|---------|---------|---------|--|
| | | | FARM ACREAGE | | | | | LAND IN PASTURE | | | | |
| 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | |
| 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | |
| 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | |
| 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | |
| 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | |
| 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | |
| 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | |
| 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | |
| 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | |
| 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | |

Through the use of Tabulating Cards of this nature various reports were compiled showing the division of farm acreage between improved and unimproved land, crop land which was productive and not productive and the number of acres set aside for grazing.

AGRICULTURAL CENSUS CARD Live Stock on Farms

| State and County | 11 Schedule 10 | 12 Schedule 11 | CARD NO. 6 | | | | | | | | | |
|------------------|-------------------|-------------------|------------|---------|---------|---------|---------|---------|---------|---------|--|--|
| | | | Live Stock | | | | | Value | | | | |
| 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | | |
| 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | | |
| 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | | |
| 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | | |
| 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | | |
| 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | | |
| 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | | |
| 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | | |
| 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | | |
| 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | | |

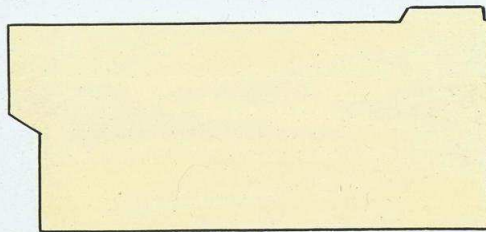
One of these cards was punched for each farm showing its location and size and whether operated by owners or tenants. From these records numerous reports were compiled showing the amount and values of all live stock.

Payroll Card

| DATE | DEPT. | CHECK NO. | EMPLOYEE'S NAME | REG. NO. | MACH. NO. | ORDER NO. | PART. NO. | PCS. NO. | PCS. RATE | REG. NO. | REG. RATE | REG. AMOUNT | CLOCK REGISTRATION |
|---------|-------|-----------|-----------------|----------|-----------|-----------|-----------|----------|-----------|----------|-----------|-------------|--------------------|
| 7/10/32 | 14 | 382 | John Smith | 12 | | | | | | | | | |
| 193 | 7-1 | 84 | 5727 P 1931 | 1 | 4 | 14 | 4 | 14 | 60 | 255 | John Bone | 4 | 600 |
| 192 | 7-1 | 84 | 6134 O 1739 | 3 | 3 | 7-3 | 1 | 60 | 2 | 10 | Face | 3 | 145 |
| 173 | 7-1 | 84 | 5269 D 1472 | 2 | 1 | 14 | 1 | 60 | 75 | | John Bone | 2 | 915 |
| TOTAL | | | | | | | | | | | 9.0 | 540 | |

Tabulating Cards can be arranged to show the employee's time of arrival and departure, the length of time he spent on each job performed during the day and all the vital data connected with each job. The date, department, man number, hours and earnings are punched; the card is then used for compiling the payroll.

Tab Stop Card



Labor Distribution Card

| MONTHS | 11 Schedule 10 | 12 Schedule 11 | LABOR DISTRIBUTION CARD | | | | | | | | | |
|-------------|-------------------|-------------------|-------------------------|---------|---------|---------|---------|---------|---------|---------|--|--|
| | | | Machines | | | | | Wages | | | | |
| 3 5 7 11 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | | |
| 2 4 6 10 12 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | | |
| 0 0 0 0 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | 2 2 2 2 | | |
| 1 1 1 1 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | 3 3 3 3 | | |
| 2 2 2 2 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | 4 4 4 4 | | |
| 3 3 3 3 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | 5 5 5 5 | | |
| 4 4 4 4 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | 6 6 6 6 | | |
| 5 5 5 5 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | 7 7 7 7 | | |
| 6 6 6 6 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | 8 8 8 8 | | |
| 7 7 7 7 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | 9 9 9 9 | | |

One of these cards is punched for each job recorded on the foregoing Payroll Card. The two sets of records--the Payroll Cards and the Job Cards--are then balanced, thereby securing absolute control over Payroll and Cost Records.

Payroll Preparation

Man Number Hours Per Man Amount Per Man Total Hours All Men Total Amount All Men

1453 R.F. Morrison 1/4/28 34

16982

3786

42 105

34 2.14

JAN 4 11.4

JAN 4 8.9

A.B.H.

Order Number Operation No. Hours Amount Per Operation Total Amount of Order

Cost Analysis

Material Analysis

DEPARTMENT 16 REQUISITION FOR MATERIAL DATE Feb 14, 1922

ORDER NUMBER 3273 QUANTITY 152 DESCRIPTION OF MATERIAL

UNIT COST .105 Face Plates

CLASS OF MATERIAL 461 AMOUNT 15.96

ACCOUNT NUMBER 1487 PRICED BY H.B. Mitchell EXTENDED BY R.C. Fox

Order Number Class of Material Quantity Amount Total Amount of Material Used

| 1 3 5 7 9 11 22 24 | | MONTH | | YEAR | | BALANCE | | STOCK RECORD | |
|--------------------|------|-------------------|--------|----------|--------|-------------------|--------|--------------|--------|
| DAY | DEPT | CLASS OF MATERIAL | AMOUNT | QUANTITY | AMOUNT | CLASS OF MATERIAL | AMOUNT | QUANTITY | AMOUNT |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

Class of Material Receipts Disbursements Balance Quantity Balance Amount

MATERIAL RECORD

PURCHASE RECORD STOCK RECORD

DATE SUPPLIER ORDER NUMBER QUANTITY ORDERED QUANTITY RECEIVED QUANTITY SHIPPED QUANTITY IN STOCK DATE QUANTITY RECEIVED QUANTITY SHIPPED QUANTITY IN STOCK UNIT COST

Customers and Geographical Sales Analysis

Customer County State Class Sub Class Sales Total Sales All Customers

12 11 10 9 8 7 6 5 4 3 2 1

DATE

Salesman Class Sub Class Selling Price Cost Total All Sales

Analyses of Sales and Profits by Salesmen and Classes

BOOKKEEPING AND ACCOUNTING RECORD
THE NATIONAL MANUFACTURING COMPANY
 NEW YORK

DATE Jan. 5, 1924
 INVOICE No. 12418

SOLD TO
 T. J. Smith,
 Buffalo, N. Y.

CUSTOMERS ORDER 6-45618

CUSTOMER L147
 COUNTY JS
 STATE NY
 BRANCH 12
 SALESMAN J2

TERMS-30 Days Net.

SHIPPED VIA-Express Prepaid

134 #10-B Gaskets (12-109) *352* @ 48c. each \$64.32 *47.17*

| DAY | YEAR | INVOICE NO. | CUSTOMER | COUNTY | STATE | BRANCH | SALESMAN | QUANTITY | CLASS | SUB CLASS | SELLING PRICE | CHGT |
|-----|------|-------------|----------|--------|-------|--------|----------|----------|-------|-----------|---------------|-------|
| 0 | 0 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 |
| 1 | 1 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 |
| 2 | 2 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 |
| 3 | 3 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 |
| 4 | 4 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 |
| 5 | 5 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 |
| 6 | 6 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 |
| 7 | 7 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 |
| 8 | 8 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 |
| 9 | 9 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |

A Tabulating Code Card

| BRANCH <u>Chicago</u> | | | | | | | | | | | | | | |
|---------------------------------------|------|----|----------|----|--|--------|--|--|-------|--|--|----------|--|--|
| CUSTOMER'S CODE RECORD | | | | | | | | | | | | | | |
| NAME North & South Manufacturing Co., | | | | | | | | | | | | | | |
| ADDRESS North Jefferson Ave., | | | | | | | | | | | | | | |
| COUNTY Cook STATE Illinois | | | | | | | | | | | | | | |
| CODES | | | | | | | | | | | | | | |
| BRANCH | | | CUSTOMER | | | COUNTY | | | STATE | | | SALESMAN | | |
| 11 | 1351 | 16 | 13 | 26 | | | | | | | | | | |

This card eliminates the work of coding individual transactions as the codes are transferred automatically from the above card to the ones which are punched to represent the current transaction.

PURCHASES

| DAY | YEAR | VOUCHER OR ORDER NO. | VENDOR | QUANTITY | UNIT | COMMODITY | ACCOUNT | AMOUNT | FREIGHT |
|-----|------|----------------------|--------|----------|-------|-----------|---------|--------|---------|
| 0 | 0 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 |
| 1 | 1 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 |
| 2 | 2 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 |
| 3 | 3 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 |
| 4 | 4 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 |
| 5 | 5 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 |
| 6 | 6 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 |
| 7 | 7 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 |
| 8 | 8 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 |
| 9 | 9 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |

Original records supply the data which is recorded on Tabulating Cards by means of perforations.

Tabulating Cards assure permanent, unchangeable records, and after serving their immediate purpose they store up information that is always ready for instant use.

From the above card many detailed analyses can be made of Purchases from various points of view.

Expense Analysis

| DAY | YEAR | JOURNAL OR VOUCHER NO. | BRANCH | SALESMAN | ACCOUNT | DEBIT AMOUNT | CREDIT AMOUNT | This Space Can Be Used for Recording Additional Data | |
|-----|------|------------------------|--------|----------|---------|--------------|---------------|--|-------|
| 0 | 0 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 |
| 1 | 1 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 | 11111 |
| 2 | 2 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 | 22222 |
| 3 | 3 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 | 33333 |
| 4 | 4 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 | 44444 |
| 5 | 5 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 | 55555 |
| 6 | 6 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 | 66666 |
| 7 | 7 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 | 77777 |
| 8 | 8 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 | 88888 |
| 9 | 9 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 | 99999 |

This Expense Analysis Card illustrates the elasticity of Tabulating Cards and the ease with which expenditures can be analyzed in sufficient detail to indicate the amount of each principal class of expense--expenses by salesmen, branch offices, etc.



**Bureau of the Census, Washington, D. C.
Key Punch Section of the Tabulating Department**



**Bureau of the Census, Washington, D. C.
Sorting Machine Room of the Tabulating Department**
When this picture was taken there were sixty-eight Electric
Sorting Machines installed.



**Bureau of the Census, Washington, D. C.
Tabulating Machine Room
OF THE
Tabulating Department**
At the time this picture was taken there were fifty-nine Electric
Tabulating and Accounting Machines installed



**Punching and Examining Section, U. S. Post
Office Department
WASHINGTON, D. C.**



Key Punch Division of the Electric Tabulating and Accounting Machine Installation, War Department, Surgeon General's Office. WASHINGTON, D. C.



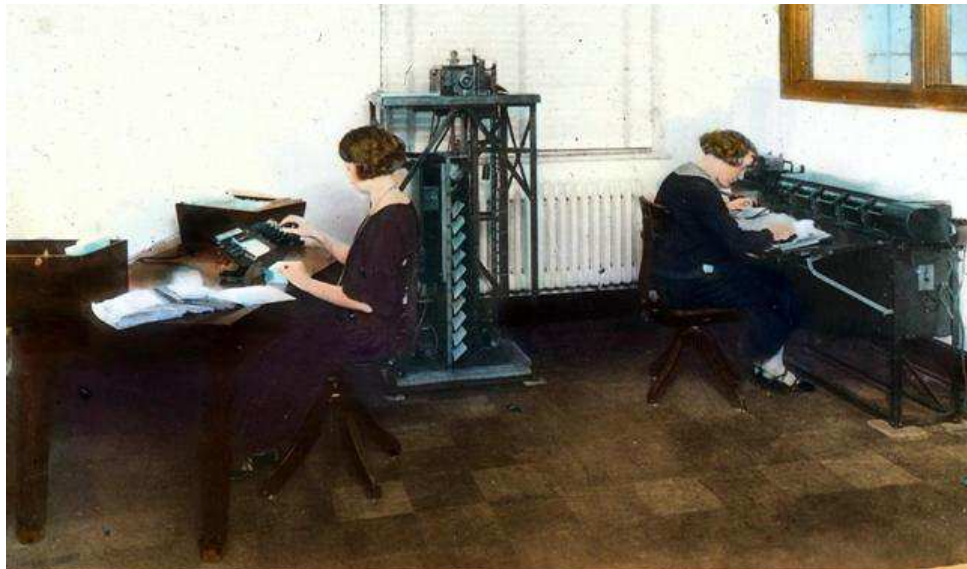
Tabulating Department OF THE Veterans' Bureau, Statistical Division WASHINGTON, D. C.



Sorting and Tabulating Machine Room (Sales Record Department) Westinghouse Electric & Manufacturing Co. EAST PITTSBURGH, PA.



A View of the Springfield Fire & Marine Insurance Company's Tabulating Department CHICAGO, ILL.



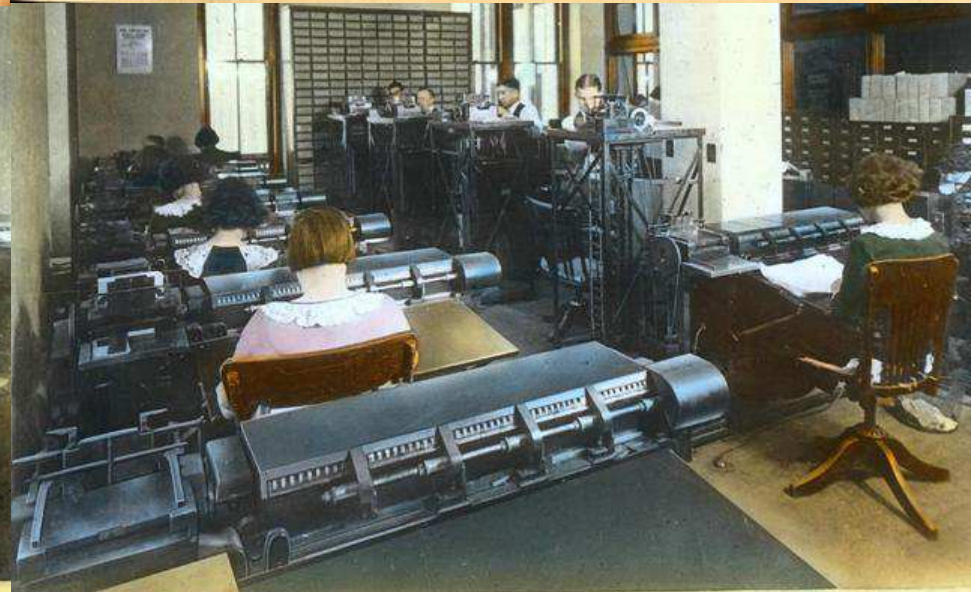
Electric Tabulating and Accounting Machine Installation
OF THE
Retail Hardware Mutual Fire Insurance Company
MINNEAPOLIS, MINN.



Key Punch Room of the Illinois Central Railroad Company's Accounting Department
CHICAGO, ILL.



Tabulating Department, Key Punch Division, Michigan Central Railroad Company
(Auditor of Freight Accounts Department)
DETROIT, MICH.



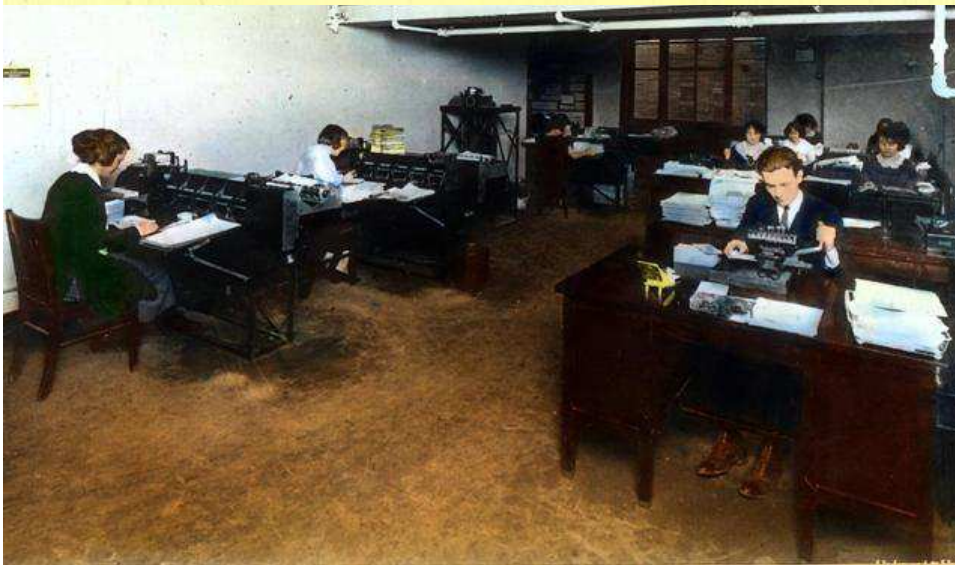
Tabulating Department, Sorting and Tabulating Division, Michigan Central Railroad Company
(Auditor of Freight Accounts Department)
DETROIT, MICH.



Tabulating Room of the Tidewater Oil Company
NEW YORK CITY



The Van Raalte Company's Installation
NEW YORK CITY

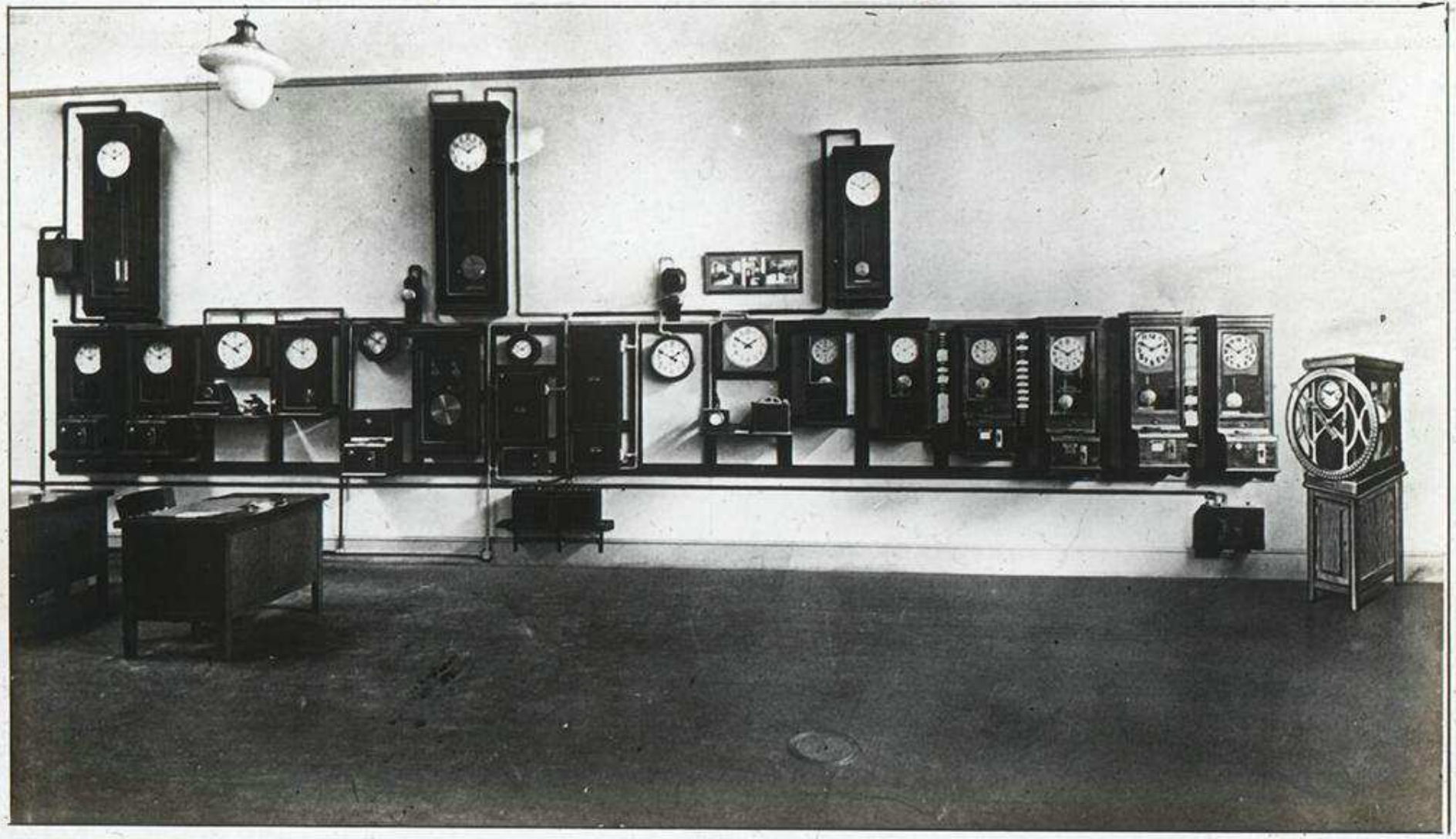


Tabulating Room
OF THE
Associated First National Pictures, Inc.
NEW YORK CITY



Sorting and Tabulating Section
OF THE
National Lamp Works' Installation
CLEVELAND, O.

International Time Recording and Time Indicating Devices
Manufactured by
INTERNATIONAL BUSINESS MACHINES CORPORATION
International Time Recording Division



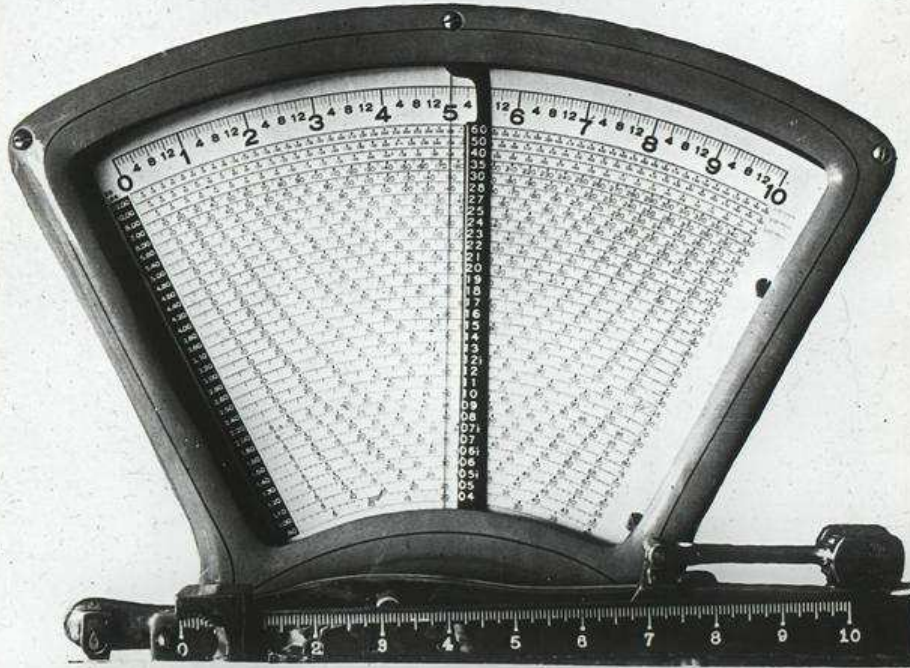
International Money Time Recorder



Dayton Automatic Counting and Computing Scale FOR USE BY MANUFACTURERS



**Computing Chart
OF THE
Dayton Fan Type Scale
MANUFACTURED BY
International Business Machines Corporation
DAYTON SCALE DIVISION**



Dayton Heavy Capacity Scale



Dayton Porcelain Computing Scale
Drum Type - No. 544

