G. F. EATON.
COMBINED TICKET AND STATISTICAL CARD.
APPLICATION FILED MAR. 2, 1915.

1,205,719. Patented Nov. 21, 1916.

Order No. 132745 Mach. 870
Operation 20
Passed 100 Price .025 Rate

Fig. 1.

No. Ono o ovo o vino Aiw na OM RS 6666666666 7777 777077 Contract No. Yo
Week Ending roneman. John Jones 1722 / 13

Fig. 2.

83758 Mach. LM List No. 125

INVENTOR

WITNESSES.

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INVENTOR

George Eaton
Bysignature

Reference Sheet
To all whom it may concern:

Be it known that I, GEORGE F. EATON, a citizen of the United States, residing at Wenham, in the county of Essex and State of Massachusetts, have invented certain Improvements in Combined Tickets and Statistical Cards, of which the following description, in connection with the accompanying drawings, is a specification, like reference characters on the drawings indicating like parts in the several figures.

This invention relates to a combined ticket and statistical card for use in connection with a sorting machine.

Hitherto it has been customary to use two cards, one commonly known as a workman's ticket and the other as a statistical card. The workman's ticket is the original hand entry made in the shop and may show, for example, the workman's number, the number of pieces he has made and the rate per piece. This information is then transferred to the statistical card by punching said card properly. The various statistical cards for the week are then collected and run through a sorting machine which collects each workman's cards preparatory to making up the pay roll. Or the cards may be sorted in accordance with the order numbers for use in the compiling of costs. It will, of course, be evident that these cards may contain other statistics than those mentioned and may be used in various ways in the tabulating department of a business institution.

There are obviously serious disadvantages in the use of this two-card system; first two separate detailed records must be compiled and retained; second in the punching of the statistical card from the separate workman's ticket errors are liable to occur, and third it is difficult to read or to find quickly a statistical card after it has been filed away since it can be identified only by the punch holes.

The present invention relates to a combined ticket and statistical card whereby the disadvantages referred to above may be obviated and the making up of pay rolls, the tabulating of costs and various other operations greatly facilitated.

Referring to the accompanying drawings, Figure 1 shows a combined workman's ticket and card of approved form, and Fig. 2 shows a shop order ticket and card.

Referring first to Fig. 1, at the left hand end is the workman's ticket on which appears the original entries of the order number 132,745, the workman's number 614, the symbol of the machine P. O., the part number 870, the number of the operation 20, the number of pieces passed 100, the rate per piece .025 and the name of the foreman who passed the work. This means that the workman No. 614 performed operation number 20 on the part numbered 870 of the pulling over machine on order number 132,745 and that he completed satisfactorily one hundred pieces, the rate allowed per piece being .025 so that he has earned $2.50. This ticket is delivered to the accounting department by the foreman; and in that department the statistical card at the right is punched.

For convenience a comparatively simple statistical card has been shown. Beginning at the left, the first two punch holes indicate that the number of the operator who punched the card was 14. The next three punch holes indicate the number of the workman, 614. The next punch hole is through the letter P which indicates that the work was piece work. The next punch hole is through the letter K which signifies a manufacturing order. The next six punch holes indicate the order number 132,745. The last three punch holes indicate the amount $2.50 due the workman.

As an example of two of the uses which may be made of cards punched in this manner, they may be collected and run through a sorting machine which sorts them in accordance with the workmen's numbers so that the accounting department may make up the pay roll. Afterward the cards may be sorted in accordance with the order number and filed away to be used later in compiling costs.

It will be noted that the two entries, those of the ticket and those of the cards, are never separate, that consequently the punching of the card is greatly facilitated, that the order number, the workman's number and the other entries appear plainly on the ticket so that the finding of any given ticket and card in the index file is greatly facilitated and that the card when found is a 105 card of original entry as well as a statistical card.

In Fig. 2 there is shown a shop order ticket and card. On the ticket appears the shop order 88758, the symbol of a lasting 110 machine, L. M., and the part number 125. The order calls for one piece of open hearth
steel in the form of a rod \( \frac{3}{4} \) inch in diameter, the weight of the piece being two pounds, price per pound eight cents, and the total cost sixteen cents. The symbol A2—20 indicates the part of the factory to which the piece of steel was sent. In the statistical card is indicated by punch holes the number of the operator who punched the card, the fact that the order was for material, the number of the shop order, and the total cost. This shop order ticket and card may be used in a manner similar to that described in connection with the workman’s ticket and card which has been described above and is here presented merely to suggest one of the many ways in which the present invention may be used.

Having thus described the invention, what I claim and desire to secure by Letters Patent of the United States is:

1. A combined workman’s ticket and statistical card comprising a single sheet of stiff material capable of being written upon, provided with spaces having indicia to receive original entries of the foreman or other person authorized to make them, some or all of which are statistical in their nature, and at the other end spaces having indicia to receive punch holes relating to the statistical entries, certain of the said spaces on the ticket and on the card having indicia to receive entries in writing and in punch holes by which the card as a whole may readily be indexed, said card as a whole being adapted, when punched, for use with an automatic sorting machine.

2. A combined workman’s ticket and statistical card comprising a single sheet of stiff material capable of being written upon, provided with spaces having indicia in which spaces are original entries of the foreman or other person authorized to make them, some or all of which are statistical in their nature, and at the other end punch holes relating to the statistical entries, certain of said spaces on the ticket and on the card respectively having entries in writing and in punch holes by which the card as a whole may be indexed, said card as a whole being adapted for use with an automatic sorting machine.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

Witnesses:

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