Dec. 29, 1925. 1,567,325

W. W. LASKER, JR

RECORD FOR ACCOUNTING SYSTEMS

Filed Oct. 1, 1921

Fig 1

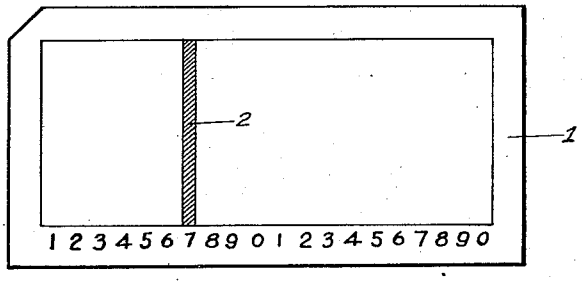


Fig 2

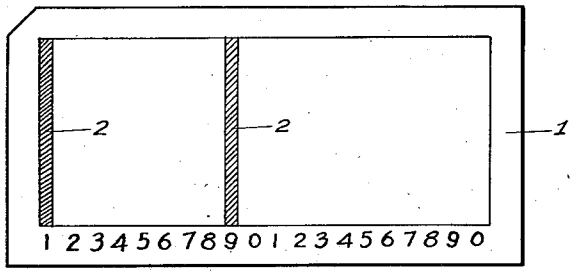


Fig 3

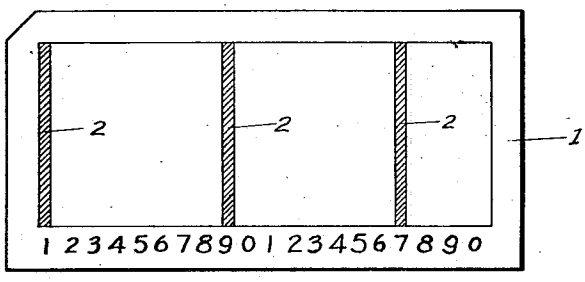
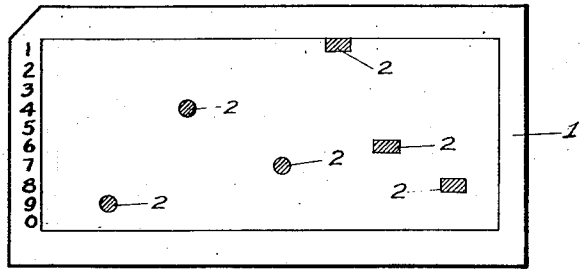


Fig 4



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UNITED STATES PATENT OFFICE.

WILLIAM W. LASKER, JR., OF BROOKLYN, NEW YORK.

RECORD FOR ACCOUNTING SYSTEMS.

Application filed October 1, 1921. Serial No. 504,817.

To all whom it may concern:

Be it known that I, WILLIAM W. LASKER, Jr., a citizen of the United States, residing at Brooklyn, in the county of Kings, city and State of New York, have invented new and useful Improvements in Records for Accounting Systems.

My invention relates to improvements in forming a designating means on documents such as cards, cheques, railroad or other tickets, way bills, money orders, and the like; and the objects of my improvement are, first, to provide means for designating documents of said character whereby the same may be sorted, distributed and tabulated by suitable accounting machines; second, to provide a means whereby original documents may be designated for sorting, distributing and tabulating in accounting machines and thus avoid the error possible in transcribing from original document to special records for the purpose. A further object of my invention is to provide a designating means that can be applied to documents at the time same are printed or any time thereafter to form a designating record that will not be structurally mutilated or weakened thereby.

I attain these objects by means hereinafter described and illustrated in the accompanying drawing, in which Fig. 1 is a view of a document showing the improved designating means of one digit.

Fig. 2 is a view of a document showing the improved designating means of two digits.

Fig. 3 is a view of a document showing the improved designating means of three digits.

Fig. 4 is a view showing a document with designating digits of a modified form.

Similar numerals refer to similar parts throughout the several views.

Referring to the drawing Figs. 1, 2, 3 and 4 represent documents in the form of railroad tickets which form I will use to illustrate and describe an example of my invention; it being understood that record cards, way bills, cheques, money orders, and other records may be designated in a similar manner according to my invention.

The document 1 is formed of paper, card board or the like and may be of any suitable material having electrical insulating properties.

The designating means 2 is a metallic coating or other electrical conducting medium disposed on one or more portions of the insulating surface of the document 1, the said electrical conducting portions 2, being disposed to designate digits of numerals as shown in Figs. 1, 2, 3 and 4; as an example.

Fig. 1 shows a document designated as 7.

Fig. 2 shows a document designated as 1, 9.

Fig. 3 shows a document designated as 1, 9, 7.

Fig. 4 shows a document designated as 9, 4, 7, 1, 6, 8.

By arranging the designating means described to conform to the information required on any particular document a designating record of same can be formed that would be adapted to be sorted, distributed or tabulated by special machines provided with electrodes that would be short circuited by the described designating means formed on the documents.

The special machines referred to are not illustrated or described herein as the same will form the subject matter of separate patent applications.

An example of the use of my improved designating records is as follows; let the document Fig. 1 represent a railroad ticket issued from station 7 Fig. 2 from station 1, 9 Fig. 3 from station 1, 9, 7 tickets issued from other station will also bear designations corresponding to the station of issue; when these documents are turned into the accounting department they can readily be sorted, distributed and tabulated by the designating means on the documents as previously described.

Special designating records can also be made from original data in accordance with my invention by arranging the designating means described as shown in Fig. 4.

I am aware that prior to my invention special records for sorting, distributing and tabulating machines have been made from original data by cutting holes in cards to form the designating means for the record; I therefore do not broadly claim the means of designating records; but I claim:

1. A document adapted to be sorted and tabulated in accordance with a record formed by electrical conducting and insulating portions disposed on the surface of same.

2. A document adapted to be electro-mechanically sorted and tabulated in accordance with a record representing digits of the numeral system formed by electrical con-

ducting and insulating portions disposed on the surface of the document.

3. A document adapted to be electro-mechanically segregated, sorted and tabulated in accordance with a record representing characters formed by electrical conducting and insulating portions disposed on the surface of the document.

4. A document adapted to be electrically sorted and having a plurality of conductive identifying means displayed thereon at predetermined distances apart.

5. A record document for statistical purposes, consisting of a body provided with a surface of insulating material, and having identifying means on said surface in the form of spots or portions of electric conducting material applied as a coating to said insulated surface, whereby a pair of electrical terminals of opposed polarity caused to engage any one of said spots will close a circuit through said terminals adapted to operate a work member.

6. Record document means for statistical purposes, consisting of a plurality of sheets each provided with a surface of insulating material, and each having identifying means on said surface in the form of spots or portions of electric conducting material applied as a coating to said sheets in predetermined relatively different locations, whereby a number of pairs of electrical terminals of opposed polarity caused to engage successively with said sheet spots will close a circuit through terminals to operate a compiling member.

7. A record-document for statistical purposes, consisting of a body provided with a surface portion and having identifying means on the said surface in the form of spots or portions applied as a coating to said surface, one of said surface portions being of electrical-conducting material and the other surface portion being of insulating material, whereby a set of pairs of electrical terminals of opposed polarity caused to engage said body will close a circuit through the terminals of one pair at the conducting surface portion, while the other said surface portion will insulate the other pair of terminals.

WILLIAM W. LASKER, JR.