W. H. WHITTLE.

FILE BOX.

APPLICATION FILED MAR. 21, 1914.

1,106,265.

Patented Aug. 4, 1914.

2 SHEETS—SHEET 1.

Fig. 1.

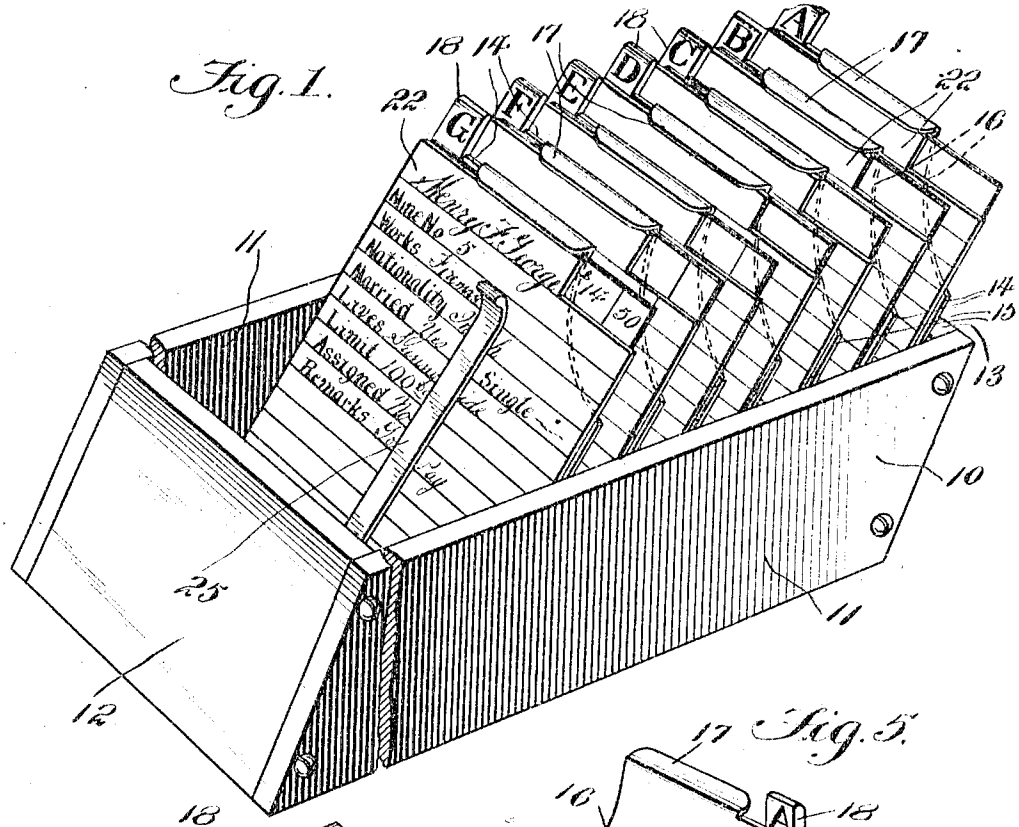


Fig. 4.

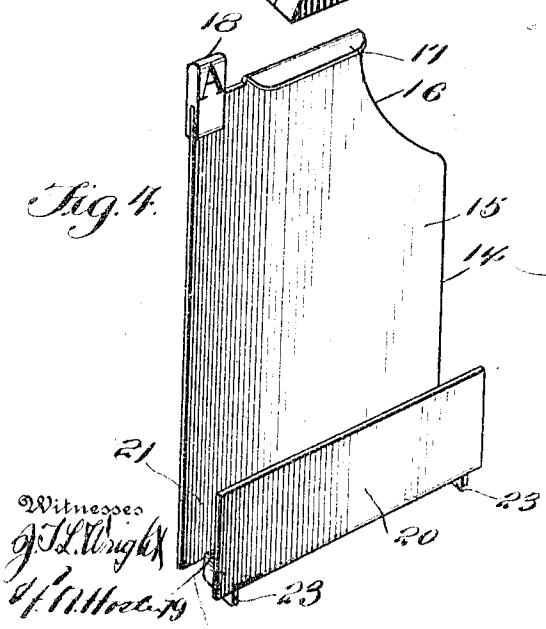
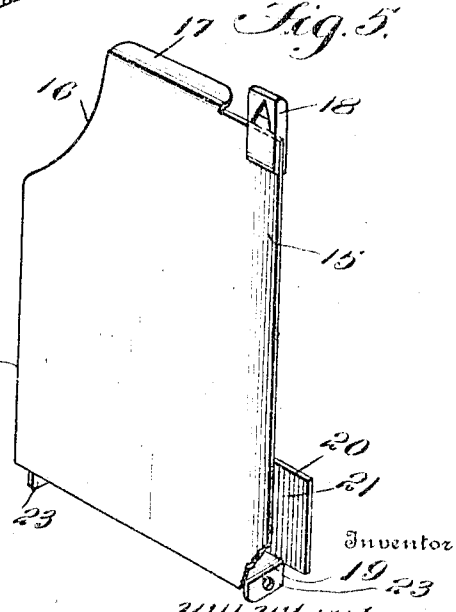


Fig. 5.



Witnesses
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2 SHEETS—SHEET 2.

Fig. 2.

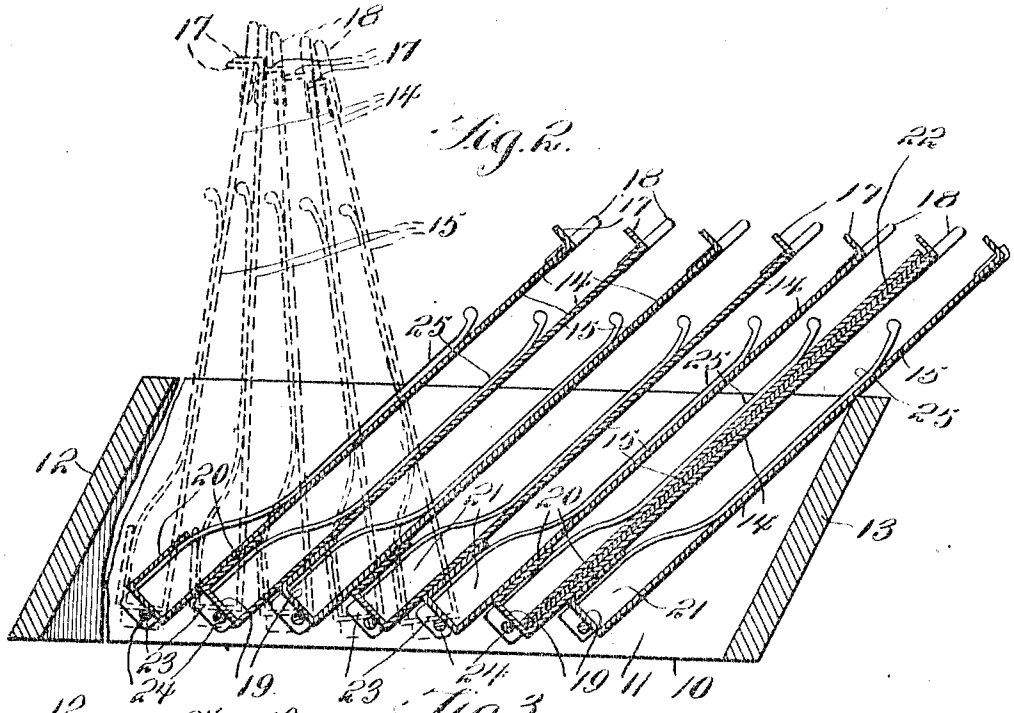
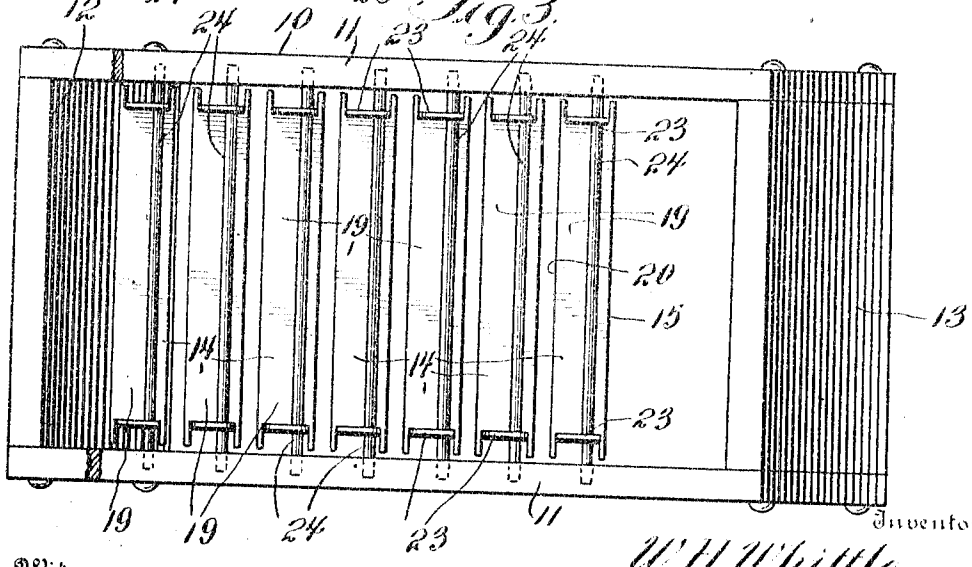


Fig. 3.



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UNITED STATES PATENT OFFICE.

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FILE-BOX.

1,106,265. Specification of Letters Patent. Patented Aug. 4, 1914.

Application filed March 21, 1914. Serial No. 826,300.

To all whom it may concern:

Be it known that I, WILLIAM HENRY WHITTLE, a citizen of the United States, residing at Painesdale, in the county of Houghton and State of Michigan, have invented new and useful Improvements in File-Boxes, of which the following is a specification.

The invention relates to paper files and binders, and more particularly to file boxes, and has for an object to provide a file box of a simple construction for use in filing individual accounts or records.

The invention contemplates, among other features, the provision of a file box which can be conveniently arranged upon a desk and which provides a series of record holding members preferably arranged one behind the other, with each record member adapted to contain an individual record or account, the said record carrying members being preferably inclosed or in some other manner suitably arranged so that a complete account or record of customers, employees or laborers can be readily kept in a compact form.

In the further disclosure of the invention reference is to be had to the accompanying drawings, constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which:

Figure 1 is a perspective view of the file box; Fig. 2 is a fragmentary vertical sectional view taken through the file box; Fig. 3 is a fragmentary bottom plan view as the record holding members will appear when arranged in vertical position. Fig. 4 is a perspective view of one of the record carrying members looking at the front thereof; and Fig. 5 is a perspective view of one of the record carrying members looking at the rear thereof.

Referring more particularly to the views, I provide a box body 10 preferably consisting of vertical sides 11, an inclined front 12 and an inclined back 13, the said front and back being parallel and inclined rearwardly, as shown. Arranged in the box body 10 are a series of record holding members 14, the contents of each of which being adapted to constitute an individual record of a customer, laborer or other employee. The record holding members are arranged to swing in the box body 10 and when in normal position incline rearwardly as shown, with the rearmost record holding member 14 lying against the rearwardly inclined back 13, it being readily apparent that the record holding members can be swung forwardly toward the front 13 so that the user can easily have access to an individual record carried by one of the said members.

Each record holding member is preferably formed of a light metal such as aluminum or the like, and consists, more particularly, of a plate 15 having a cut away portion 16 at one corner thereof and terminating at its upper end in a forwardly extending ledge 17, the said ledge being adapted, however, to extend only a partial distance across the top of the plate 15 so that a suitable index tab 18 can be glued or otherwise secured to the upper edge of the plate 15 at its left hand corner and adjacent to one edge of the ledge 17. The lower end of the plate 15 is bent to form a forwardly extending horizontal bottom 19 and the forward end of the bottom is bent upwardly to form a vertical spacing plate 20 and which also, together with the bottom 19 and the plate 15, constitutes a pocket 21 in which individual files or records 22 can be easily arranged. Struck from the edges of the bottom 19 are a plurality of downwardly extending ears 23 through which pass a transverse rod 24 having its ends journaled in the sides 11 of the box body 10, and secured to or formed with the spacing plate 20 and projecting upwardly from a central portion is a curved spring 25 adapted to bear against the files or records 22 lying upon the plate 15.

Now referring to Figs. 1 and 2, it will be apparent that when the record holding members 14 are arranged in the box body 10 as mentioned they will lie in successive relation, one behind another, while at the same time on account of the inclination of the back 13 the said record holding members will lie relatively parallel and the plates 15 will be spaced apart on account of the fact that the spacing plate 20 of one record holding member will abut against the plate 15 of the record holding member immediately in front of the first mentioned record holding member, thus providing sufficient space between the record holding members so that a large number of cards, tickets or other files or records 22 can be carried in each pocket 21, formed by each record holding member. By providing the spring 25 for

each record holding member, the cards, file or record carried by each record holding member will be held in a secure and compact position and by having the index tabs 18, individual accounts can be kept in a compact manner so that ready access can be had to the same at any time. The cut away portion 16 is provided on each record holding member so that the user can readily grip projecting edges of the cards, slips or tickets forming the record or file for each record holding member, the edges of said cards, tickets or slips being adapted to project beyond the cut away portion as shown.

It will be particularly noted that when a series of record holding members 14 are swung into a vertical position as shown in Fig. 1 for the purpose of gaining access to a record holding member in between the end record holding members, upon swinging the record holding members forwardly to a vertical position, each record holding member which is swung into a vertical position will engage the rear face of the next forward record holding member so that the record holding members when swung into vertical position will be spaced apart by the plates 17 forming parts of the record holding members, whereas when they lie in a rearwardly inclined position they will be spaced apart by the plate 20.

From the foregoing description it will be apparent that the device is of a simple construction: that any number of record holding members can be arranged in sequence within a box body such as disclosed provided the box body is of sufficient length and that the record holding members can also be arranged as shown, in a drawer or cabinet if desired.

Having thus described my invention, I claim:

1. In a file box, the combination with a box body, of a series of record holding members mounted to swing in the body and successively arranged one behind the other, spacing plates formed with the record holding members at their lower ends for spacing the record holding members apart to form pockets when the said record holding members are in normal position, and plates formed with the upper ends of the record holding members for spacing the record holding members apart when the same are in raised position.

2. In a file box, the combination with a box body, of a series of successively arranged record holding members mounted to swing in the box body, and means formed with the record holding members at their upper and lower ends for relatively spacing the record holding members apart.

3. In a file box, the combination with a box body, of a series of successively arranged record holding members in the box body, vertical plates formed at the lower ends of the members for spacing the said record holding members apart when the record holding members are in relatively inclined position in the box body, and laterally extending plates formed with the said record holding members at their upper ends for spacing the record holding members apart when the same are in relatively vertical position within the body.

4. A record holding member for a file box comprising a plate, a laterally extending bottom formed with the plate, a spacing plate formed with the said bottom and lying parallel to the first mentioned plate, means for supporting the record holding member in the box, and a second spacing plate formed with the first mentioned plate and projecting laterally from the upper edge thereof.

5. In a record holding member for a file box, a plate, a bottom formed with the plate, a spacing plate formed with the bottom, a second spacing plate projecting from the upper edge of the first mentioned plate, a rod adapted to be journaled in the box, and a plurality of ears struck from the bottom and having the rod passing therethrough for swingingly supporting the record holding member in the said box.

6. In a record holding member for a file box, a plate, a bottom formed with the plate, a spacing plate formed with the bottom, a second spacing plate projecting from the upper edge of the first mentioned plate, a rod adapted to be journaled in the box, a plurality of ears struck from the bottom and having the rod passing therethrough for swingingly supporting the record holding member in the said box, and a spring formed with the first mentioned spacing plate and projecting from its medial portion for holding files or records on the record holding member.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM HENRY WHITTLE.

Witnesses:
BESSIE NANCARROW,
OTTO OLSEN.