Oct. 11, 1927. 1,644,676

J. M. HURLEY

FILING DEVICE

Filed Oct. 2, 1926

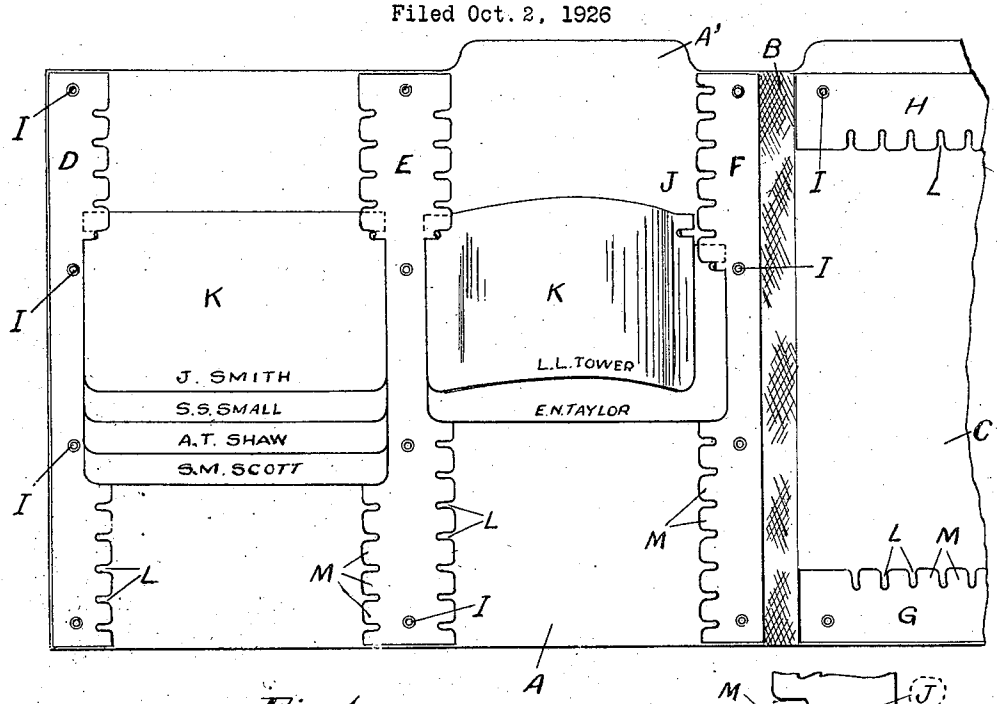


Fig. 1.

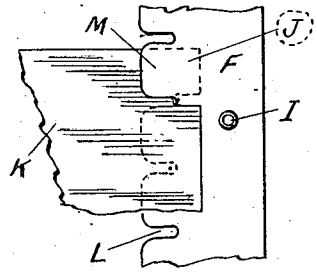


Fig. 3.

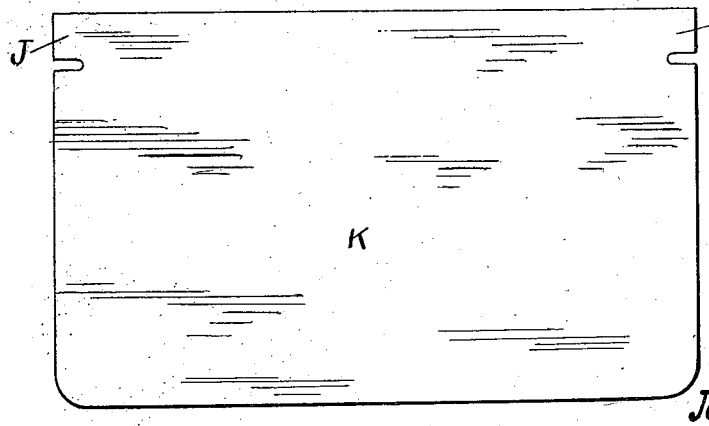


Fig. 2.

Inventor
JOSEPH M. HURLEY

By

Attorney

Patented Oct. 11, 1927. 1,644,676

UNITED STATES PATENT OFFICE.

JOSEPH M. HURLEY, OF MINNEAPOLIS, MINNESOTA, ASSIGNOR TO DOUGLAS O. McCLAIN, OF MINNEAPOLIS, MINNESOTA.

FILING DEVICE.

Application filed October 2, 1926. Serial No. 139,181.

This invention relates to filing equipment, and the primary object is to provide means of a novel, efficient and practical nature for filing and indexing cards such as are frequently used by business establishments of many kinds; and is especially useful and advantageous to business houses who not only keep very detailed information regarding customers, stocks, etc., but who find it necessary to frequently retabulate or change the data and information thus recorded. Further and more specific objects will be disclosed in the course of the following specification, reference being had to the accompanying drawing, wherein:

Fig. 1 is a plan view of the major portion of a file folder embodying my invention.

Fig. 2 is an enlarged detail plan view of one of the cards employed in my filing system.

Fig. 3 is an enlarged fractional detail view showing my method of securing the cards in the folder.

Referring to the drawing by reference characters, A designates a file plate or sheet, which is preferably made of heavy card or composition board so as to be comparatively rigid and to resist the wear to which it may be subject by being frequently handled. The plate is preferably of either the "letter" or "legal" size, so as to be readily accommodated in standard filing equipment, and is preferably provided with a tab A′, for indexing purposes. The plate may be bound, as at B, with other and similar plates such as C, so as to form a book, which, in use, may be limited to cards bearing a particular classification of information.

The plate A, as shown, is provided with three card-attaching strips D, E and F, the center strip E, of which divides the page into two vertical columns. The sizes of the strips and the columns which they define is of course determined by the user and to accommodate the sizes of cards to be filed. Thus, for instance the plate C is shown, with two strips G and H which define a single horizontal column and will receive cards of a much larger size than shown as attached on the plate A.

The strips D, E, F, G, and H are preferably made of the same material as the plates A and C, but may be made of thin sheet metal, and are secured to the plates in any suitable manner such as by spaced rivets I. The edges of the strips must be left free for a slight separation with respect to the plate so as to permit the insertion of the tongues J of the cards K.

The opposed edges of each pair of strips are provided with series of equally spaced slits or notches L, thus forming tongues M.

To attach a card, one of its tongues J is first inserted under a tongue M of a securing strip, and is moved in until the notch in the card fully complements the notch L in the strip. The intermediate or body portion of the card is then lifted up, as shown in Fig. 1, upon which the opposite end of the card is secured in a similar manner. The card is now substantially fast, and cannot be pulled out without tearing away an entire corner of it, for it will be noted that the notches in the card not only interlock with those of the strips, but that the tongues M extend in past the notches or weak points of the card. To properly remove a card is a very simple manner, requiring only that its upper end be bowed up until the end or ends of the card are released, but this, obviously, must be done by hand and would rarely if ever occur accidentally. The cards are all of sufficient flexibility to permit them to be turned up so that any card underneath may be easily read or removed.

It is understood that suitable modifications may be made in the general design and structural details of the invention as herein shown and described, provided, however, that said modifications come within the spirit and scope of the appended claims.

Having now therefore fully shown and described my invention, what I claim to be new and desire to protect by Letters Patent is:

1. In a card-filing system, a plate, a pair of spaced, parallel strips secured upon the face of the plate and having opposed notches dividing the edge portions of the strips into tongues, said tongues normally lying in a common plane flat upon the plate and being slightly flexible to permit the insertion thereunder of corners of the cards to be filed.

2. In a card-filing system, a plate, a series of cards to be filed thereon, a pair of spaced, parallel strips secured upon the face of the plate and having opposed notches dividing the edge portions of the strips into tongues, said tongues being slightly flexible to permit

the insertion thereunder of corners of the cards to be filed, said card corners having notches adapted to complement the notches in the strips.

3. In a card-filing system, a series of cards, a plate, for receiving the cards, a pair of spaced, parallel strips secured flat upon the face of the plate and having opposed notches dividing the edge portions of the strips into tongues, said tongues being slightly flexible to permit the insertion thereunder of corners of the cards to be filed, said card corners having notches adapted to complement the notches in the strips, whereby the tongues of the strips will project inwardly upon the cards beyond the inner limits of the notches in the cards.

In testimony whereof I affix my signature.

JOSEPH M. HURLEY.