

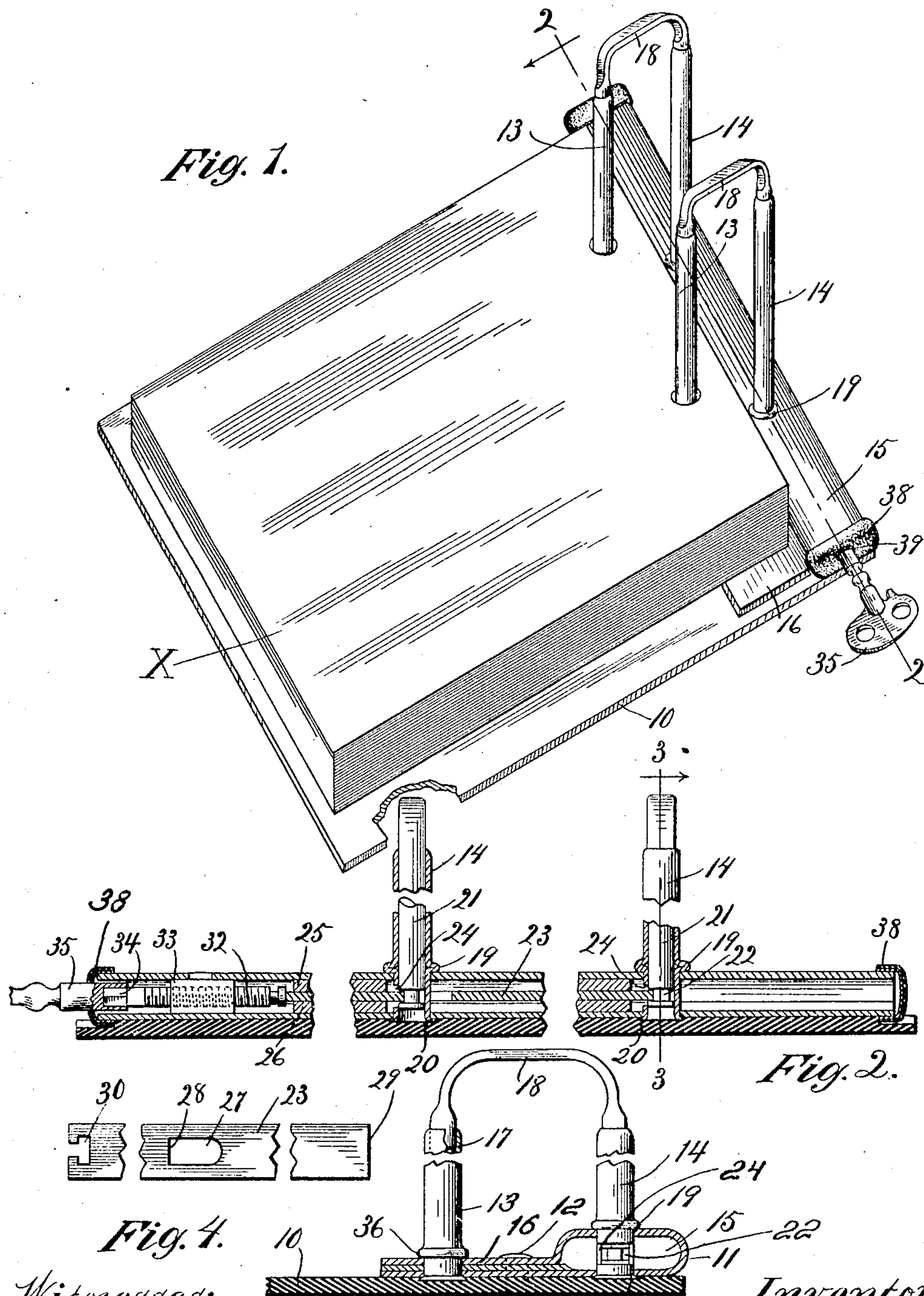
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J. C. DAWSON.

FILE.

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FILE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES C. DAWSON, a citizen of the United States, and resident of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Files, of which the following is a specification, and which are illustrated in the accompanying drawings, forming a part thereof.

The invention relates to files for loose sheets, and particularly to those in which there is provided a pair of rigidly mounted sheet-receiving posts having their free ends connected by an openable transfer member.

The object of the invention is to improve and simplify the construction of devices of this kind; and the invention contemplates a transfer member for filing posts which may be bodily removed from both of the posts which it connects, in order that sheets may be inserted upon or removed from either of those posts without threading them over the transfer member.

A detail of the invention provides a lock for securing the transfer member in the closed position.

In the accompanying drawings—Figure 1 is a perspective view of a sheet-holding file constructed according to the invention; Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1; Fig. 3 is a detail longitudinal section of the file as viewed from the line 3—3 of Fig. 2; and Fig. 4 illustrates in plan a locking bolt employed in the device.

A base 10, preferably slightly greater in length and breadth than the corresponding dimensions of the sheets X to be held, is preferably provided for the file. A support 11 for filing posts 13, 14, two pairs of which are shown, is mounted upon the base 10 adjacent one of its ends, and this support preferably takes the form of a plate secured to the base by means of rivets 12 and folded upon itself to provide a tubular housing 15 and a table 16 extending forwardly therefrom.

One of the filing posts, as 13 of each pair, is rigidly mounted upon the table portion 16 of the support 11, and is provided at its top with a socket 17 for receiving one leg of an arch 18 connecting the posts. The posts 14 of each pair are tubular in form and rise from the wall of the housing 15, each of such posts being provided with an annular shoulder 19 adjacent its base, which is seated upon the wall of the housing 15, the foot of the post extending into the chamber of the housing and through an aperture into the floor, where it is flanged over, as indicated at 20, to secure the post in position.

The rear leg 21 of each of the arches 18 enters one of the tubular posts 14 from its top and extends to its base. It is there provided with a notch 22 and is adapted to be secured in position by means of a locking bolt 23, slidably mounted within the housing 15 and entering the notch 22 through an opening 24 in the wall of the post. The bolt 23 moves between

guides 25, 26, and is slotted, as indicated at 27, to straddle one of the posts 14, the end wall 28 of the slot 27 serving to engage the notch 22 within one of the posts, while the end of the bolt extends to the other post for engaging the notch 22 of the leg of the arch 18 mounted therein.

For shifting the bolt there is provided a screw 32, having a threaded engagement with a nut 33, fixed in position within the housing 15, one end of this screw being fitted into a T-slot 30 formed at the inner end of the bolt. The outer end 34 of the screw is squared to receive a key 35 which may enter through the end of the housing 15. Preferably the filing posts 13 are tubular, and each has an annular shoulder 36 adjacent its base, which is formed upon the wall of the tube by longitudinally compressing the post in a die, and is seated upon the table 16, the foot of the tube being extended through an aperture in the table and being flanged over to secure the post in position. The shoulders 19 of the posts are of the same form as the shoulders 36 just described, being produced in the tubular walls of the post by longitudinally compressing them in a die.

Preferably each end of the housing 15 is provided with a cushioning cap 38 to prevent the device, when turned on its side, from marring the desk or table of the user. One of the caps 38 is provided with a central aperture 39 to permit the insertion of the key 35.

In use the leaves X secured in the file may be moved for inspection from the posts 13 of each pair to the posts 14, and they are guided, when turned from one position to the other, by the transfer arches 18. Whenever it is desired to remove any of the sheets from the file or to insert new ones, the transfer arches 18 may be released by applying the key 35 to the end of the screw 32 and rotating this screw to withdraw the locking bolt 23. If desired the arches 18 may then be merely raised to disengage their forward ends from the sockets 17 at the top of the posts 13, when they may be turned to one side to uncover the tops of these posts, or they may be entirely withdrawn to uncover the tops of both of the filing posts of each pair. As shown, the notches 22 at the base of the longer leg of each of the arches 18 are in the form of a channel extending entirely around the rod from which the arch is formed, thus permitting the arches to be engaged by the locking bolt 23 to prevent their withdrawal when they have been turned to one side to uncover the tops of the forward filing posts 13.

I claim as my invention—

1. In a file, in combination, an arch comprising a pair of upright filing posts, one thereof being tubular, and a movable transfer member forming the crown of the arch, one side of the transfer member entering the tubular post and being extended to its base, and a lock engaging the transfer member adjacent the base of the post.

2. In a file, in combination, an arch comprising a pair

of upright filing posts, one thereof being tubular and having an opening in its wall adjacent its base, and a movable transfer member forming the crown of the arch, one side of the transfer member entering the tubular post and being
5 extended to its base, of a locking bolt entering the tubular post through the aperture in its wall and engaging the foot of the transfer member.

3. In a file, in combination, a base having a chamber, an arch mounted thereon comprising a pair of upright post
10 members, one thereof being tubular and communicating

with the chamber of the base, and a movable transfer member forming the crown of the arch, one side of the transfer member being extended through the tubular post and entering the chamber of the base, and a shiftable locking member mounted within the chamber of the base 15 for engaging the foot of the transfer member.

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