

No. 775,430.

PATENTED NOV. 22, 1904.

C. E. SHELL.
FILE FOR PAPERS.

APPLICATION FILED JUNE 24, 1904.

NO MODEL.

Fig 1.

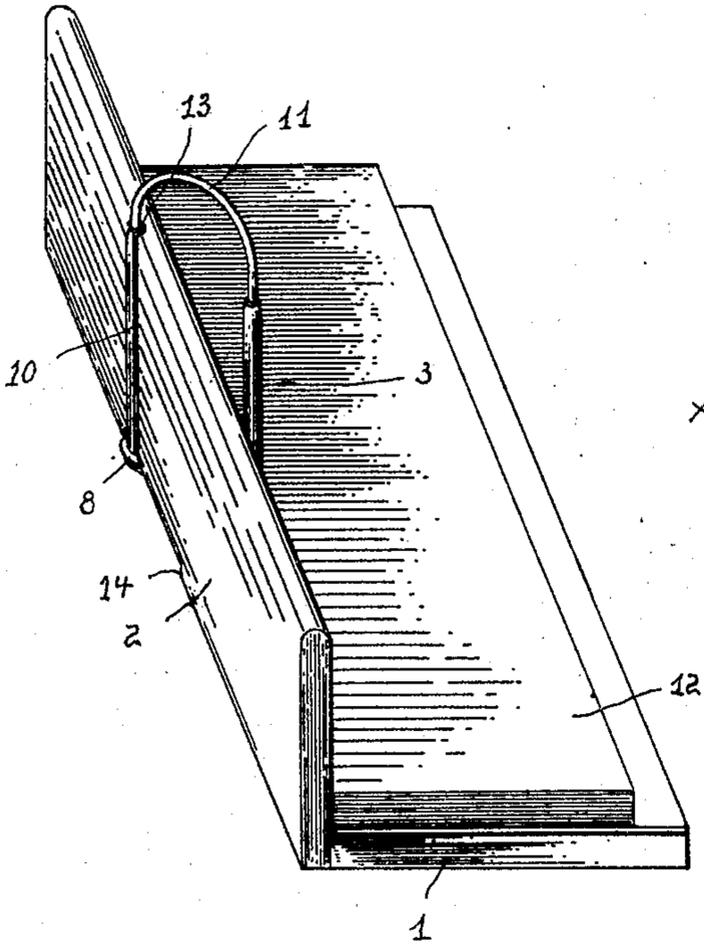


Fig-2 -

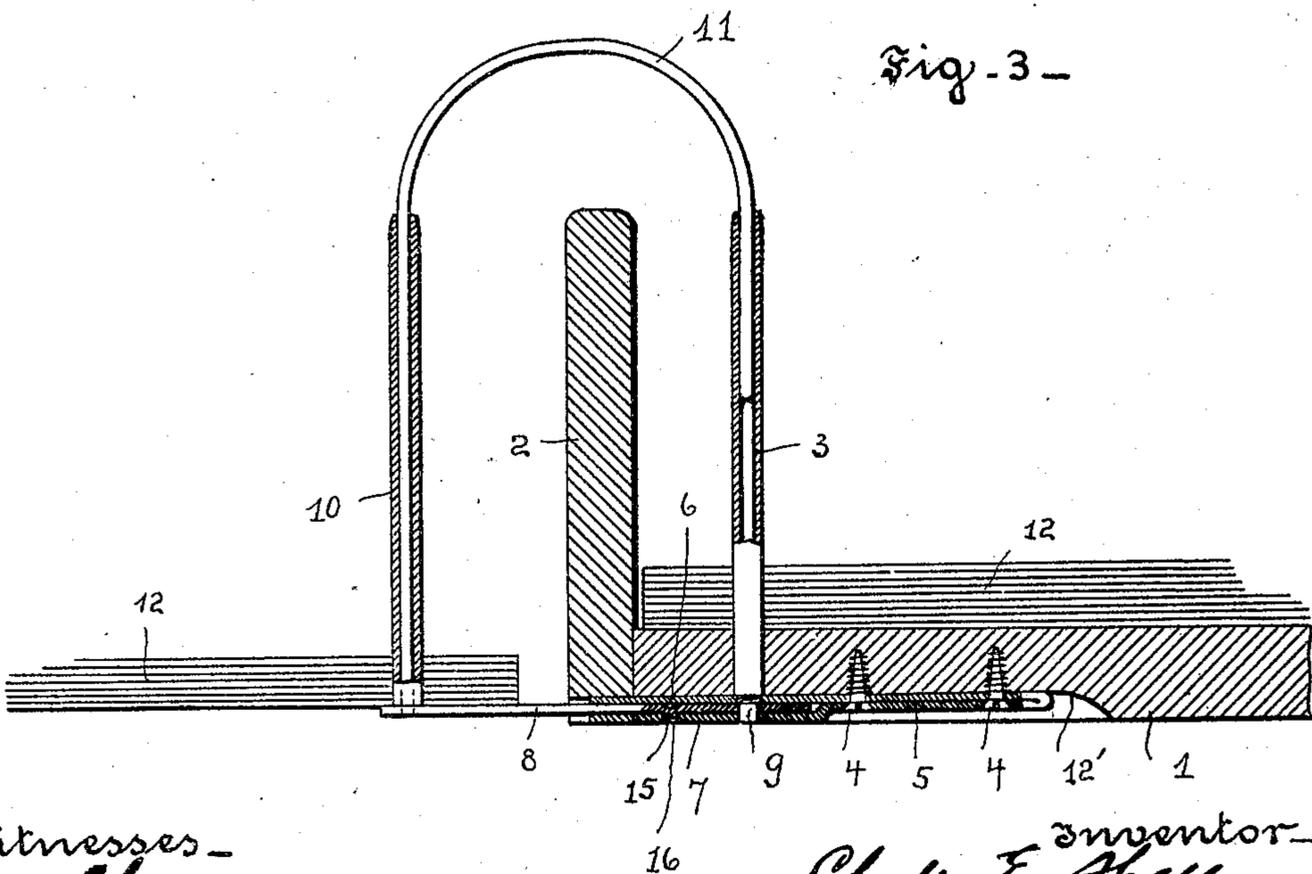
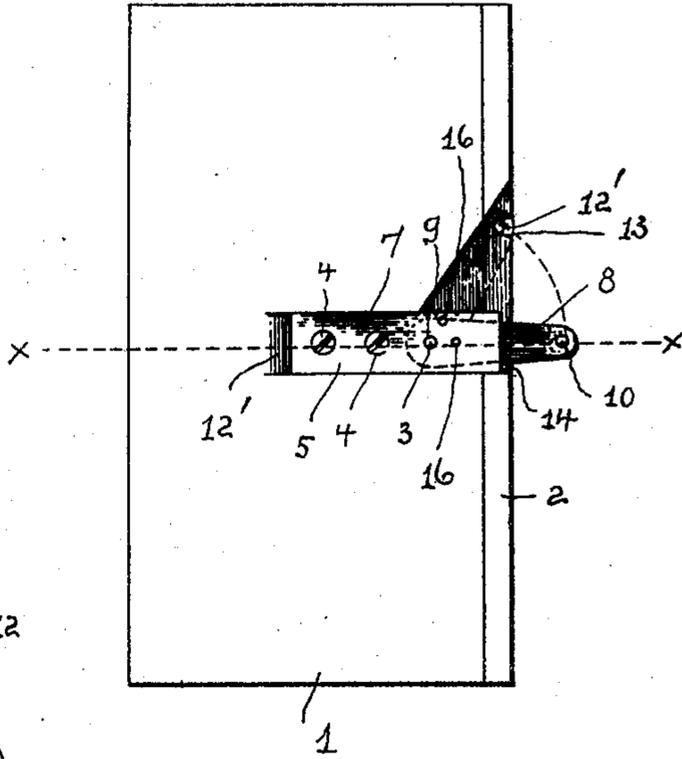


Fig-3 -

witnesses -
Mr. East
J. F. Kunkle, Jr.

Inventor -
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 By *Wm. K. Ferry*
his atty.

UNITED STATES PATENT OFFICE.

CHARLES E. SHELL, OF FREMONT, OHIO.

FILE FOR PAPERS.

SPECIFICATION forming part of Letters Patent No. 775,430, dated November 22, 1904.

Application filed June 24, 1904. Serial No. 213,939. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. SHELL, of the city of Fremont, county of Sandusky, and State of Ohio, have invented new and useful
5 Improvements in Files for Papers, of which the following is a specification.

My invention relates to a file for letters, accounts, and other like papers, and has for its object to provide a device of the kind that is
10 adapted to readily receive papers for filing, permit a convenient inspection of the same in the file, and that may be stored without loss of space in a contiguous celled cabinet.

The objects of my invention are accomplished as hereinafter described, and illustrated
15 in the drawings, in which—

Figure 1 is an isometric view of my paper-file arranged for housing in a cabinet-cell. Fig. 2 is a plan view of the bottom of my file,
20 showing in solid lines the arm extended at a right angle to the back of the file and showing in dotted lines the position into which the arm is moved when the file is to be housed in a cabinet-cell; and Fig. 3 is an enlarged view,
25 partly in section on line *xx*, showing the position of the arm in which the filed papers may be readily inspected and others added to the file or removed therefrom.

The file illustrated in the drawings is of a
30 shape and a size suitable for an account-file, and the body portion of the file comprises a back 1 and a ledge 2, which is so secured to one side of the back that the body portion of the ledge extends above the top of the back.
35 Adjacent to the ledge, and preferably centrally of the length of the back, there is mounted a tubular stud 3, the top of which is more or less tapered to permit papers being readily stacked thereon.

To the bottom of the file-back there is secured, by means of screws 4 or other fastenings, a metal plate 5, which is doubled upon
45 itself to form the half portions 6 and 7. These half portions are separated a suitable distance inward from their free ends to permit of an arm 8 being movably inserted between them. The stud 3, which extends through the body of the back, is preferably thread-coupled to the half portion 6 and extends through the

gap between the half portions 6 and 7 of the
50 plate 5 and forms a pivot 9 for the arm 8.

A stud 10, having its top also tapered, is mounted on the free end of the arm 8, the same being of a length adapted when the arm is at a right angle to the side of the back to locate the stud 10 at a distance from the outer
55 side of the ledge 2 not less than the distance at which the stud 3 is set away from the inner side of the ledge 2.

Both the stud 3 and the stud 10 are of the
60 height to extend even with the top of the ledge 2 and are each formed of tubing having its bore adapted to detachably receive the respective ends of a rod 11, which is arched over the top of the ledge at a height permit-
65 ting papers 12 to be freely transferred from the stud 3 or 10 or stacked thereon and transferred from one to the other after the cross-rod 11 has been replaced.

The bottom of the back 1 is provided with
70 a recess 12', having a depth to receive the doubled metal plate 5 and the separated ends 6 and 7 thereof flush with the bottom of the back. The recess is also so extended as to permit the arm 8 being turned in one direc-
75 tion until the stud 10 contacts with the side of the ledge, at which point the ledge 2 is provided with a recess 13 to let the stud 10 into the side of the ledge.

The wall 14 of the recess 12' prevents the
80 arm 8 being moved in the opposite direction, and at each end of the movement the arm is frictionally locked to the half portion 7. This locking is accomplished by providing the arm with a projection 15, adapted to enter an ori-
85 fice 16, formed in the half portion 7, at each end of the movement of the arm. The half portion 7 being unconfined operates as a spring to engage the pin when the same is brought into coincidence with one of the orifices 16.
90

It will be apparent from the foregoing that I have provided a convenient file for papers and that providing the file with the swinging arm 8 the width of the file may readily be reduced for housing in a cabinet-cell without
95 loss of side space.

What I claim is—

1. In a file for papers, a back having a side

ledge and a tubular stud adjacent to the ledge, an arm pivoted to the stud having its body portion extending beyond the ledge when at a right angle thereto and bearing a stud at its outer end at a distance from the side of the ledge not less than the distance the fixed stud is set away from the inner side of the ledge, and a detachable rod bridging the studs over the top of the ledge.

2. In a file for papers, a back having a side ledge and a fixed tubular stud adjacent to the ledge, an arm pivoted to the stud having its body portion extending from the side of the ledge, when the arm is at a right angle thereto, and bearing at its outer end a tubular stud, a detachable rod bridging the studs over the top of the ledge, and a spring-catch at each end of the movement of the arm.

3. In a file for papers, a back having a side ledge and a recess on the under side, inward from and extending to the recess in the ledge, and provided with a tubular stud extending through the back into the recessed portion, an arm pivoted within the recess to the stud having a length to extend from the ledge when at a right angle thereto and bearing a tubular stud at its outer end, a curved rod having its ends pocketed in the tubular studs, and a recess in

the side of the ledge in line with the arc of movement of the pivoted arm adapted to receive the stud on the arm.

4. In a file for papers, the combination with a back, having a side ledge and a tubular stem adjacent to the ledge, of a recess on the under side of the back inward from and extending to the recess in the ledge, a metal plate, doubled upon itself and received within the recess with the free ends of its half portions separated, a tubular stud extending through the back into the gap between the half portions, an arm pivoted thereto, within the gap, and extending outward from the side of back, when at a right angle thereto, and bearing a tubular stud at the outer end, a removable bridging-rod for the studs, and means to lock the arm to one of the half portions of the metal plate at each end of the arc of the movement of the arm.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

CHARLES E. SHELL.

Witnesses:

ED. E. KELER,
C. M. VAUGHN.