

(No Model.)

E. A. SHARP.
PAPER FILE.

No. 529,534.

Patented Nov. 20, 1894.

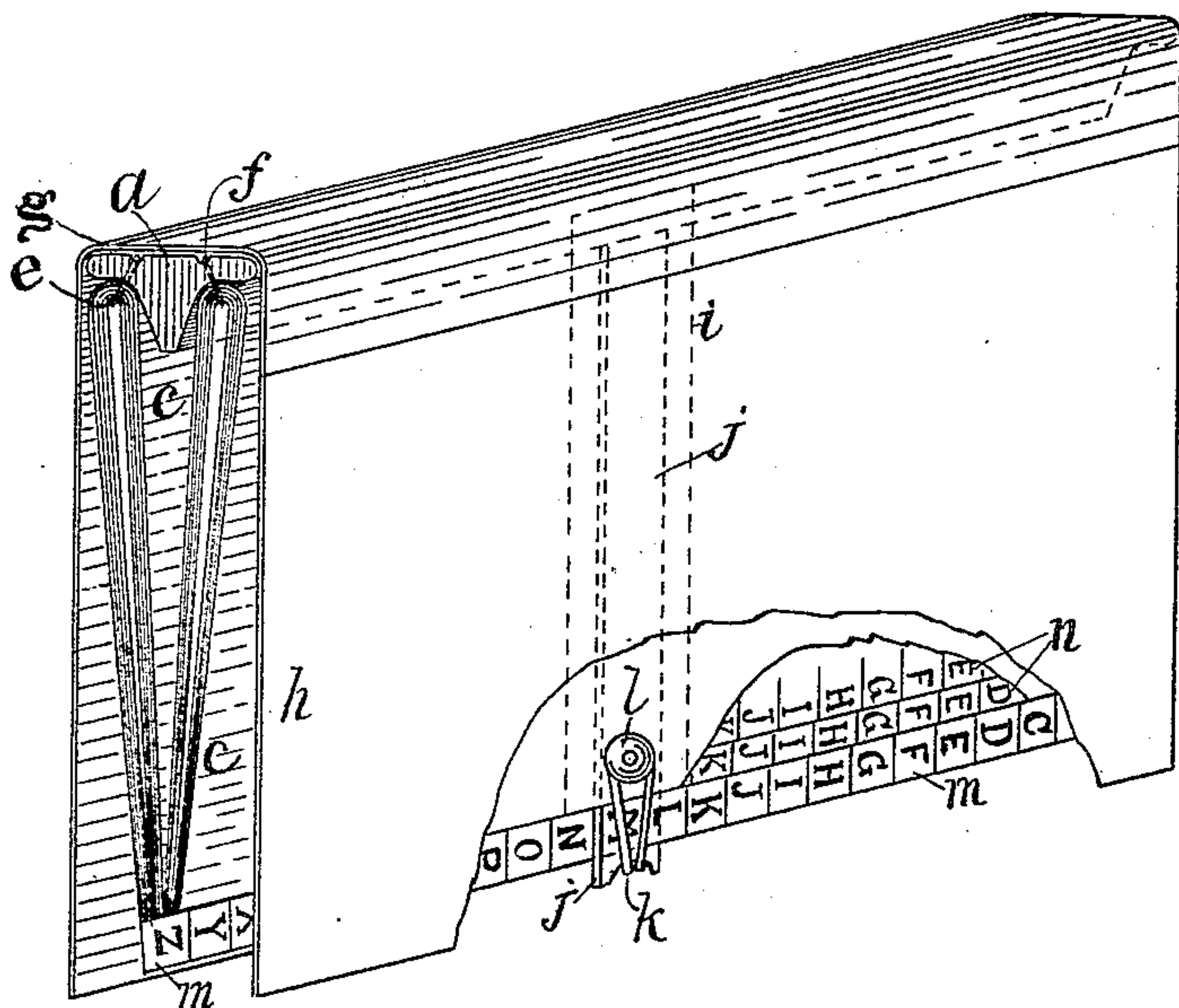


Fig. 1.

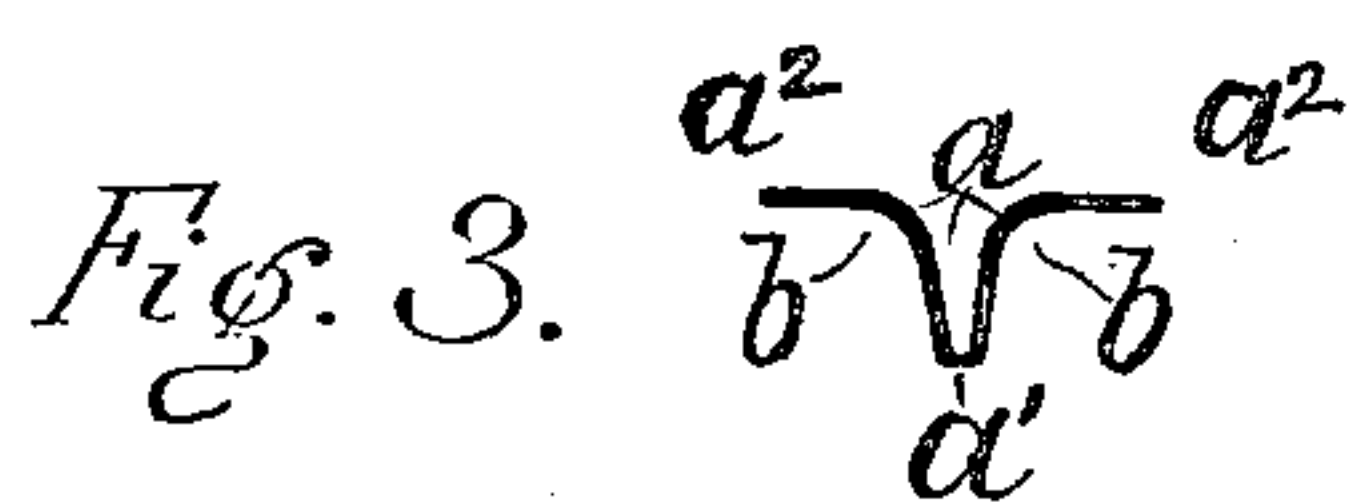


Fig. 3.

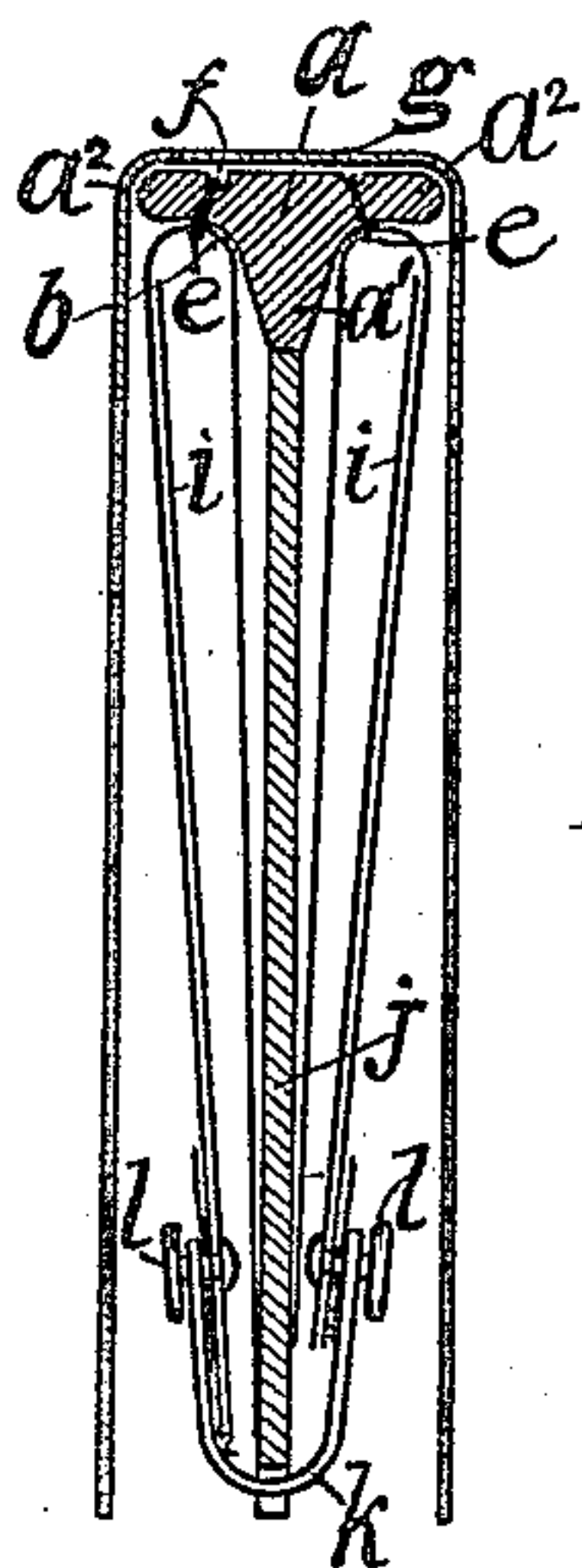


Fig. 2.

Witnesses
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PAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 529,534, dated November 20, 1894.

Application filed January 13, 1894. Serial No. 496,828. (No model.)

To all whom it may concern:

Be it known that I, EDWARD A. SHARP, a citizen of the United States, residing at Rogers Park, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Paper-Files, which are fully set forth in the following specification, reference being had to the accompanying drawings, forming a part hereof, and in which—

Figure 1 shows my new and improved file in perspective with part of both the outer and inner covers broken away to show the construction of the indexes, the fastening mechanism, the location of the brace and reinforcements, the former shown, in part, in broken outlines while the latter is wholly in broken outlines. Fig. 2 shows a sectional end view of a like structure taken through the center of the brace, or arm, and showing, only, the outer leaves of the books and their reinforcements, buttons, and straps, the two latter not being shown in section. Fig. 3 shows a modified construction of the back, or the form given it when made of sheet-metal.

Like reference letters denote like parts.

The object of my invention is to produce a paper-file for business papers, railroad work, sheet music and all similar things, wherein they may be classified and become readily accessible under classified indexes, arranged both generally and specially, which shall be cheap, durable and convenient; and, to attain said desirable ends I construct my said new and improved paper file in substantially the following manner, namely: I make a back-piece, *a*, having three limbs, a central, and inner part, *a'*, and two outer and lateral parts, *a²*, which, latter, together form two concave places, or corners, *b*, to receive paper books, *c*. Said books are stitched into said concave spaces by stitching, *e*, or they may be secured by tacks, wire staples, or, in any other known suitable way. In Figs. 1 and 2 said back is shown in form when constructed of wood and in Fig. 3 of sheet-metal construction. In the former there are grooves, *f*, from end to end to receive the stitches out of the way for the back, *g*, of the cover, *h*, secured thereon. Said books, *c*, are formed of sheets of stout Manila paper or other such suitable material, doubled up at their center to form a back through which the fastenings pass into the said back, *a*.

Into the center of each longitudinal edge of the outer leaves are placed one or more re-

inforcing pieces, *i*, of stout paper or both it and cloth pasted thereon, extending from the back to the front edge of the page, and near the outer edge of said parts are secured studs, or buttons, *l*.

In the center of the back on the part, *a'*, is secured a flat stud or arm, *j*, which extends beyond the edges of the books and has a notched end. Over said studs and notch is placed a stout rubber band, *k*, forming a lock, short enough to give a tension or strain on said studs; or, a string may be used for such purpose though not so conveniently. Said reinforcement strengthens said outer leaves and prevents their crimping toward the back. The rubber band or lock, in any form suggested above also avoids such defect by its pulling the leaves out flat and it, further, also forms a lock or fastening for the leaves and the contents between them and it adapts itself to the increased volume as the file grows fuller.

The two books, *c*, are notched into twenty-six spaces, *m*, and lettered alphabetically, one half of the notches being on one side and the other half on the other side of said arm, *j*. In the drawings it is shown under the letter "M," placed so as to leave the next letter fully exposed. Under the outer cover, *h*, are indexes, *n*, each projecting beyond the one above it, as shown, which direct to said notched divisions.

What I claim is—

1. The combination with a three-limbed backpiece with concaved corners and arm from central limb thereof, of a book in each of said corners, studs to the leaves and flexible lock on said studs and arm, substantially as specified.

2. The combination with a three-limbed back-piece with central arm, of index-notched books on each side of said arm, reinforced outer book-leaves with studs and flexible lock over studs and arm, substantially as specified.

3. The combination with a three-limbed back-piece with concave corners, said parts forming a single and rigidly connected piece of books in said corners and an outer cover attached to said back, substantially as specified.

EDWARD A. SHARP.

Witnesses:

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