To all whom it may concern:

Be it known that I, HENRY R. GENTSCH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Detachable Letter and Bill Files, of which the following is a specification.

This invention relates to improvements in that class of instruments used for filing loose sheets of paper; and it consists in certain peculiarities of the construction, novel arrangement, and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The objects of my invention are to produce a file for retaining or filing loose sheets of paper or other material—such as letters, receipts, statements of account, invoices, bills of lading, or samples of cloth, and articles of an analogous character—which shall be so constructed that it may be suspended on the wall or other suitable support or may rest on a desk, table, or shelf, and that when the file is filled with letters or the like any desired letter or sheet may be inspected or removed, if so desired, without the removal of or disturbing the others with respect to one another.

Another object is to construct the file in such a manner that it may carry a cord or wire, so that when the spindle has been filled with letters or sheets or a sufficient number thereof has been placed thereon which it is desired to store away for future reference they will be strung on said cord or wire, which may be easily disconnected from the detachable part of the spindle, yet will be united together.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1 is a face view of a file embodying one form of my invention. Fig. 2 is a side view thereof; and Fig. 3 is a view, partly in section and partly in elevation, of a modification in the construction of the file.

Like numerals of reference refer to corresponding parts throughout the different views of the drawings.

The reference-numeral 10 represents the supporting-plate, which may be of any suitable size, form, and material, but preferably of the design shown in Fig. 1 of the drawings. The upper portion of the plate 10 is provided with an opening 11 to receive a nail or pin on which the plate may be suspended, and the lower portion of said plate is provided with another opening 12 for a like purpose. Extending laterally from the plate 10 is a bracket or shelf 13, which may be made integral with the plate 10, as shown in Fig. 2, or may be secured thereto by means of bolts 14, as shown in Fig. 3 of the drawings.

Mounted on the upper surface of the base or shelf 13 is a socket-piece 14, which is provided with a recess or cut-out portion 15 to receive the inner portion 16 of a spring-catch, which comprises a piece bent to form two members 17 and 18, the former of which is secured to the base or bracket 13, and the latter rests horizontally above the same and has its free end provided with a thumb-piece 19, by pressing down on which the portion 16 of the catch will be disengaged from the removable part 20 of the spindle, the lower portion of which is reduced, as at 21, to fit in the tube 22, which is mounted on the upper portion of the socket-piece 14, or may be made integral therewith. By reference to the different views of the drawings it will be seen and clearly understood that the upper end of the detachable part 20 of the spindle is pointed and provided with an opening or eye 23, while the lower end of the piece 20 is pointed and provided with an annular recess 24 to receive the catch for holding it in place within the tubular part 22 of the piercing-spindle.

In Fig. 3 of the drawings I have shown a modification in the construction of the device, which consists in placing the spring-catch, composed of the members 17 and 18, on the lower surface of the bracket 13 and extending the tubular portion 22 through and below said bracket. Instead of making the bracket or piece 13 integral with the plate 10, as shown in Fig. 2, I may secure it thereto by means of bolts or rivets 14, as illustrated.

From the foregoing and by reference to the drawings it will be seen and clearly understood that as both ends of the detachable part 20 of the spindle is pointed and as the upper end
is provided with an eye or opening 23 a cord or wire 33 may be fastened in said opening and allowed to hang down alongside of the piercing-spindle and may have its lower end knotted or provided with means to prevent the sheets slipping off. As the sheets are placed on the piercing-spindle, which comprises the parts 20 and 22, it is evident they will be strung on the cord or wire 33, when by disconnecting its upper end from the end of the part 20 they may be removed therefrom, as well as from the tube 22, yet will be strung together. It is further apparent that after the spindle has been filled with sheets and it is desired to remove one of the sheets which may be located, near the bottom or about the middle of the spindle it is apparent that by pressing down on the thumb-piece 19 when the construction shown in Fig. 2 is used or by pressing upwardly thereon when the construction illustrated in Fig. 3 is employed the catch will be disengaged from the annular groove 24 in the part 20 of the spindle and allow it to be entirely or partially removed, so that the desired sheet may be inspected while still on the file or removed therefrom.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A file for letters, bills and the like, consisting of a supporting-plate provided with a base or bracket, of a tubular piece mounted thereon and having a recess in its lower portion communicating with its cavity, a rod having its lower portion reduced to fit in said tube and to form a shoulder at about its middle to rest on the upper end of said tube, the upper end of the rod being pointed and provided with an eye, the lower portion of the rod having an annular groove, and a catch located on the base and comprising a piece bent approximately back upon itself to form a portion to fit in the recess of the tube and to engage the groove in the rod and a releasing-arm, substantially as described.

HENRY R. GENTSCII.

Witnesses:

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