

(No Model.)

C. K. STINSON.
Package Fastener.

No. 241,085.

Patented May 3, 1881.

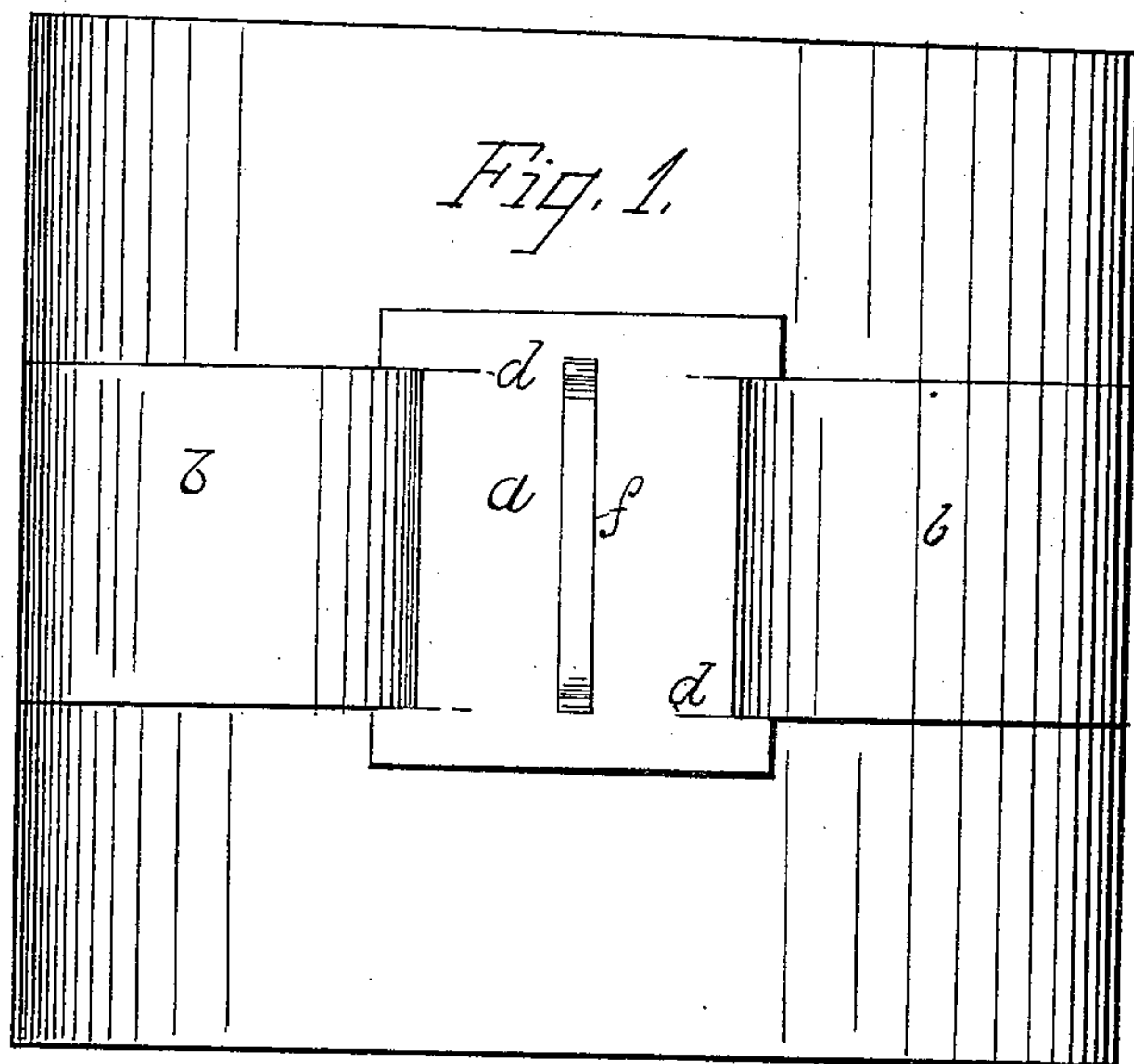


Fig. 2.

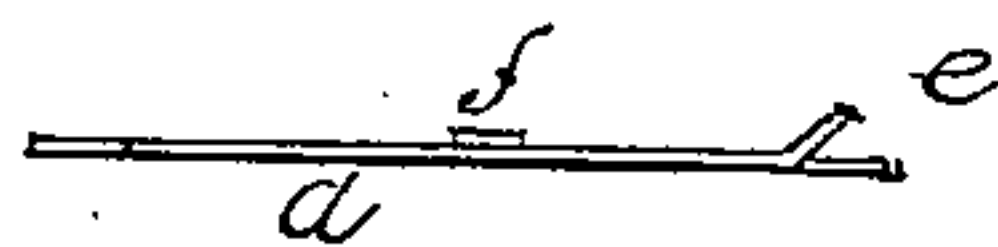
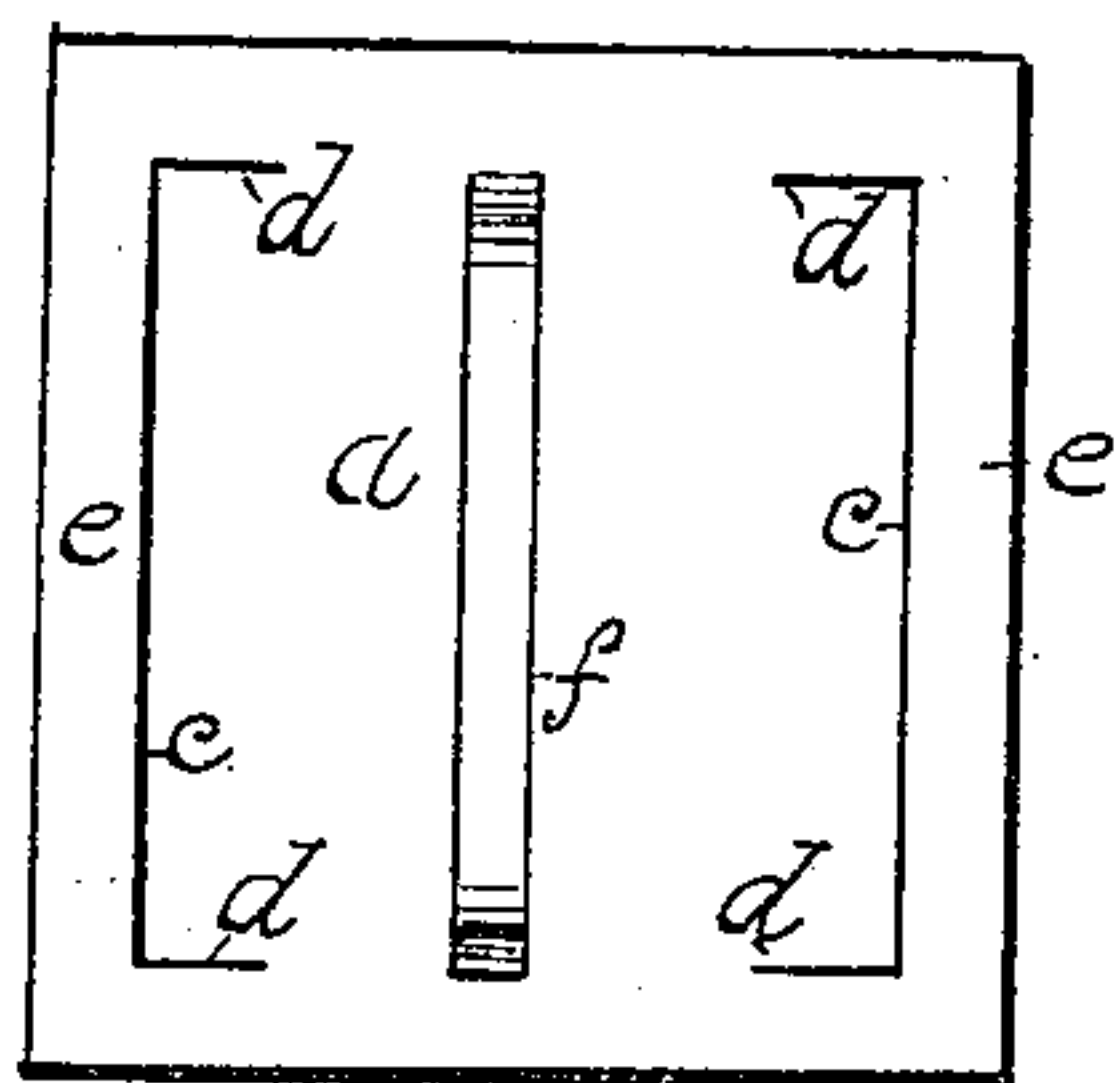


Fig. 3.



Witnesses:

E. J. Maillon,
William J. Lewis

Inventor:

Charles K. Stinson

UNITED STATES PATENT OFFICE.

CHARLES K. STINSON, OF NEW YORK, N. Y., ASSIGNOR TO EDWARD H. BAILEY, OF SAME PLACE.

PACKAGE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 241,085, dated May 3, 1881.

Application filed January 26, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHARLES K. STINSON, a citizen of the United States, residing at New York, in the county and State of New York, have invented a new and useful Improvement in Bands for Fastening Packages, &c., of which the following is a full, clear, and exact description, reference being had to the drawings accompanying and forming a part of the same.

My invention relates to improvements in fastening-bands for packages, bundles, &c.; and the main objects of my improvement are to provide a band having a locking or securing device which is simple in construction, quickly and easily adjusted around the package, and in which the material is greatly economized in manufacturing such fastener.

The accompanying drawings fully illustrate my improvements.

Figure 1 represents my improved fastening-band applied to a package. Fig. 2 is an end view of the clamping-plate, one end of the band removed; and Fig. 3 is a plan view of the clamping-plate with the band withdrawn.

a is a rectangular plate, made of tin or any other soft flexible metal.

b is a band composed of stout strong paper. To form this band the paper is cut in a strip of a width a little more than double the width of the band desired to be made, and folded lengthwise, one edge lapping over the other to secure greater strength.

The plate *a* is cut or stamped out from a thin sheet of tin, or other suitable metal or material, and it is provided with a longitudinal slash or cut, *c*, on each side, which cut extends transversely of the plate at each end toward the center, as shown at *d d*. It is only necessary that the transverse cut should be deep enough to permit the rim *e* to be bent up, as shown in Fig. 2, sufficiently far to form an aperture through which the end of the band can be inserted.

It will be observed that no portion of the plate is cut out to form an opening to receive the band, as is generally the case, the opening being made by pressing the rim portion up or down, as it is desired to fasten the end of the band either on the under side or on the

upper side of the plate. The rim being pressed down, the end of the band is passed over the rim *e*, down through the aperture thus formed, and is clamped within the plate by bending back the rim into its natural position.

When applying my device as a fastening-band for files of papers, &c., I prefer to clamp one end of the band as and in the manner just described, and bring the other up through the plate, and secure it on the upper or outside, instead of on the under side of the plate, so that it is more convenient for use in enlarging or diminishing the size of the band, to adapt it to a greater or less thickness of the file. In this case I bend the rim *e* down, and pass the paper band up through from the under side, and when the rim is bent back to its normal condition the edges of the slash are brought together and the band securely clamped therein. The end of the band is then passed under the raised bar *f*, which is formed by slashing the plate longitudinally in the middle, and bending up the cut portion to form a bar to hold the extreme end of the band, in order to give a neat appearance to the fastener.

It is designed to make the plate *a* of flexible material, such as can be easily bent with the fingers, so that the fastening-band can be readily adjusted to packages of any size. In its construction there is a great saving of time and labor over all others previously in use, as the plate *a* is stamped out of a solid sheet of metal without waste, and the cutting out and slashing is performed by a suitable die at one blow.

Any material may be employed for the band that will best serve the purpose, but stout paper has been found to be preferable for the general purposes for which the fastener is designed.

I claim—

In combination with the band *b*, the plate *a*, provided with the longitudinal and transverse slashes *c d*, rim *e*, and raised bar *f*, all constructed in the manner and for the purpose set forth.

CHARLES K. STINSON.

Witnesses:

E. S. MAILLER,
A. M. TODD.