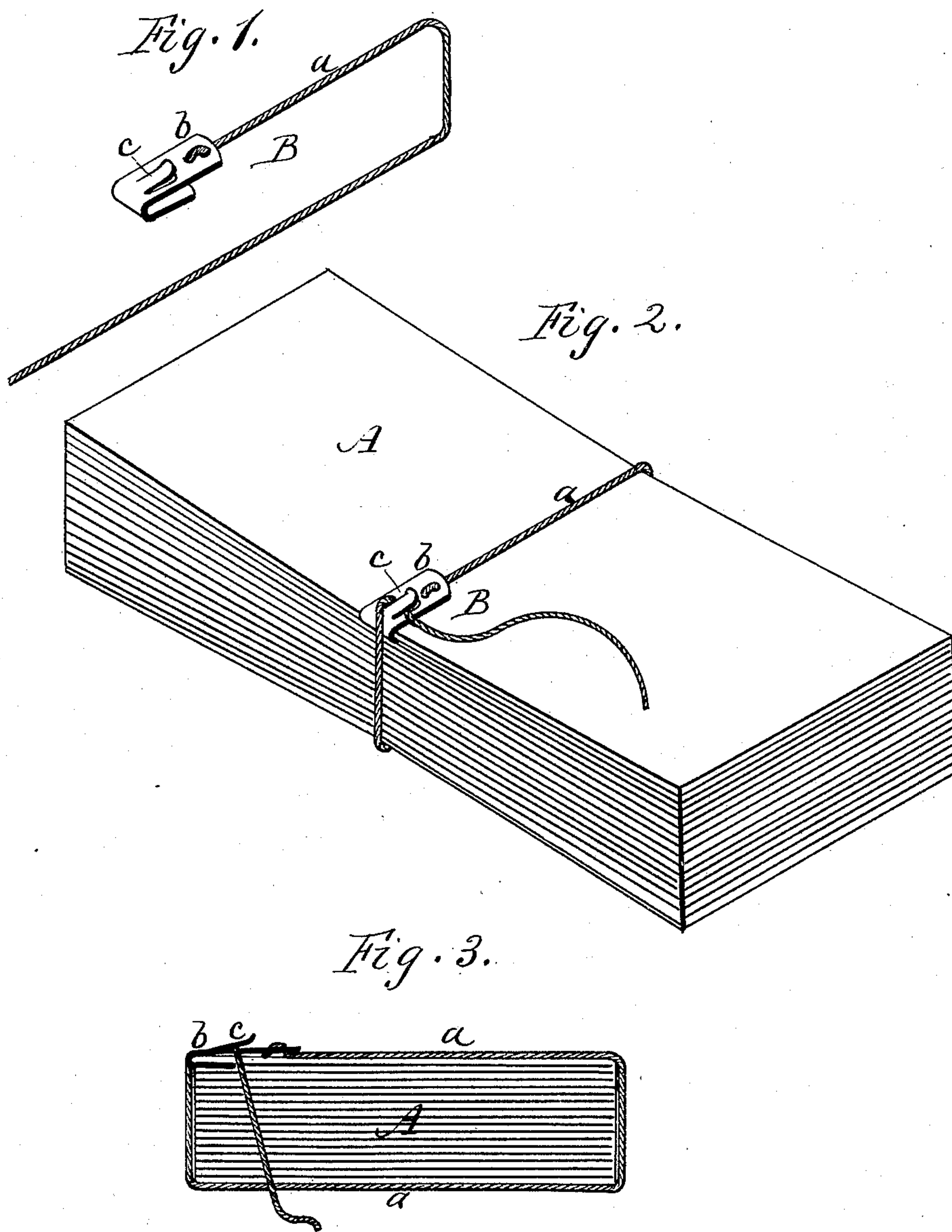


(No Model.)

C. F. SPENCER.
PACKAGE FASTENER.

No. 405,685.

Patented June 18, 1889.



Witnesses,
W. H. Keenrich
John H. Hopkins.

Charles F. Spencer, Inventor
By *R. F. Osgood,* Attorney

UNITED STATES PATENT OFFICE.

CHARLES F. SPENCER, OF ROCHESTER, NEW YORK, ASSIGNOR TO HENRY
S. HANFORD, OF SAME PLACE.

PACKAGE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 405,685, dated June 18, 1889.

Application filed March 5, 1889. Serial No. 301,953. (No model.)

To all whom it may concern.

Be it known that I, CHARLES F. SPENCER, of Rochester, in the county of Monroe and State of New York, have invented a certain
5 new and useful Improvement in Package-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the drawings accompanying this application.

10 My improvement relates to ties for holding paper packages and files, and is designed to take the place of rubber bands, which are now in general use for the purpose. Rubber bands
15 lack strength in holding large packages, and they soon rot and become dead and break, and frequently, when the package has laid for a long time, the papers get loose from the package by breakage of the bands.

20 My improved tie consists of a cord or tape and a hook at one end adapted to be hooked under the upper paper of the package, and provided with a clasp struck out from its body for the attachment of the return end of the cord after it has encircled the package, as
25 hereinafter described.

30 In the drawings, Figure 1 is a perspective view of the tie. Fig. 2 is a perspective view of a package of papers with the tie applied to hold them in place. Fig. 3 is a cross-section of the package in the line of the tie, and showing the latter in elevation.

35 A indicates the package of papers, and B the tie. The tie consists of a cord or tape *a* of any suitable kind, of such length as to encircle the package, and a hook *b*, made of thin metal of any desired configuration. One end of the cord is attached to the hook, and after the cord has encircled the package the return end is secured to the hook. The upper length
40 of the hook is provided with a catch *c*, formed by slitting the metal and turning the catch outward in the form of an inclined tongue, which presents a wedge-shaped space underneath. The return end of the cord, after having been passed around the package, is inserted under this catch and drawn into the

wedge-shaped space, which clamps it in place. The hook is made very small, serving simply as an attachment to the papers, and located at one side, whereby the face of the papers is
50 unobstructed and the packages can be readily piled together and withdrawn without being injured.

The operation is as follows: The hook is hooked into the package on one side between
55 the first and second files, as shown, or, if made large enough, between any of the papers of the package. The cord is then passed over and around the package, the loose end being brought up and passed under the catch *c*, as
60 before described. The thumb is placed on the hook to hold it down as the cord is passed around the package, and sufficient tension is applied to the cord to make the package tight. When the package is once bound, there is no
65 danger of the tie slipping or giving way, and it cannot slip around the papers nor wear them, owing to the holding of the hook in the package.

70 Having described my invention, I do not claim, simply and broadly, a hooked plate and cord, with a disk on the face of the plate for the attachment of the return end of the cord. Neither do I claim, broadly, a hook with a tongue turned out from its body; but

75 What I claim as new, and desire to secure by Letters Patent, is—

The package-tie herein described, consisting of the cord *a* and hook *b*, the hook provided with a tongue turned out from its body and
80 standing away from the bend and in the direction of the shank, said hook arranged to catch the papers and the tongue to catch and hold the return end of the cord, as shown and described, and for the purpose specified.

85 In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

CHAS. F. SPENCER.

Witnesses:

R. F. OSGOOD,

F. B. HUTCHINSON.