

(No Model.)

W. C. LYNHAM.

MEANS FOR BINDING AND SUSPENDING PACKAGES OF PAPER BAGS.

No. 533,176.

Patented Jan. 29, 1895.

FIG. 1.

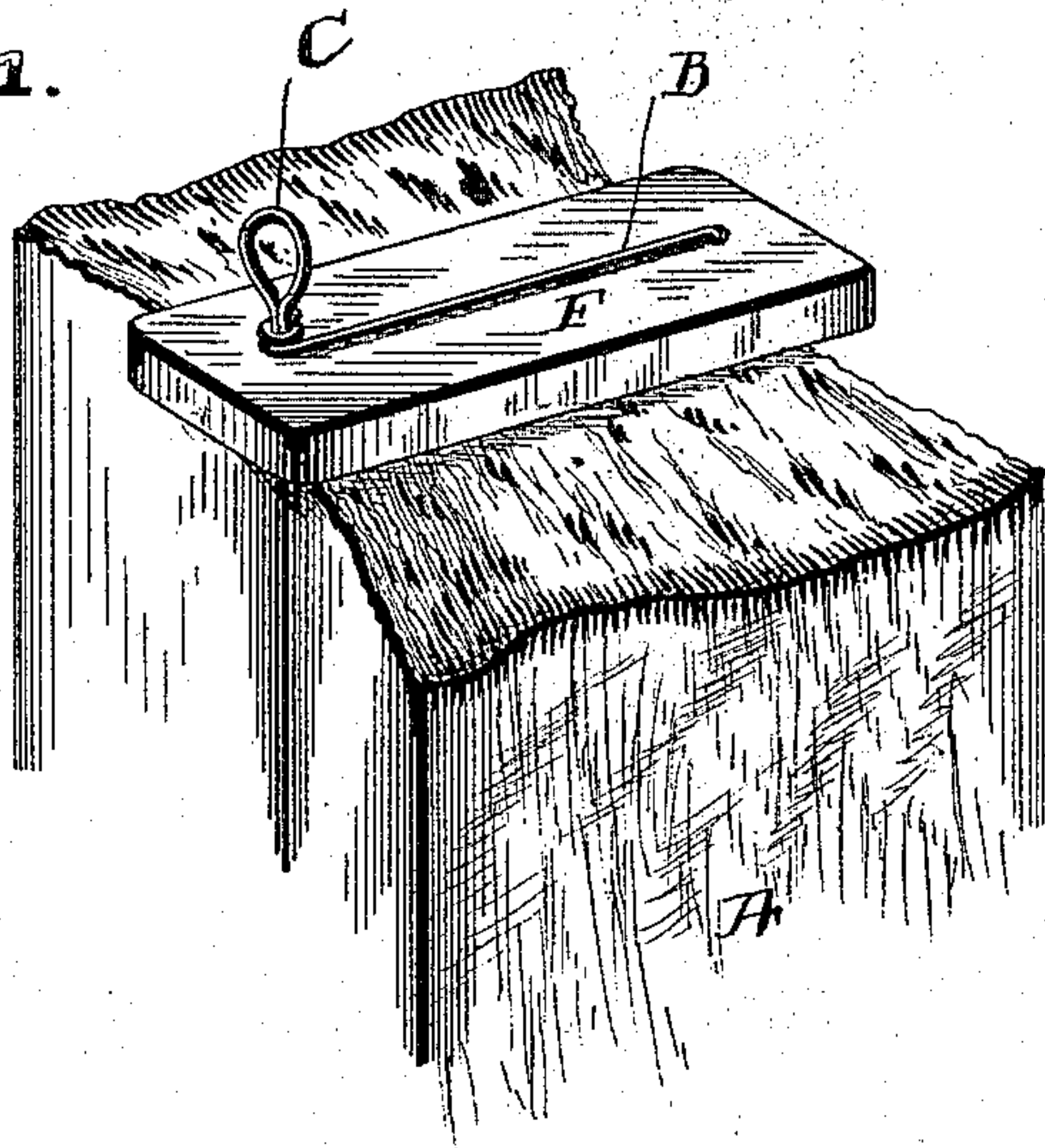


FIG. 2.

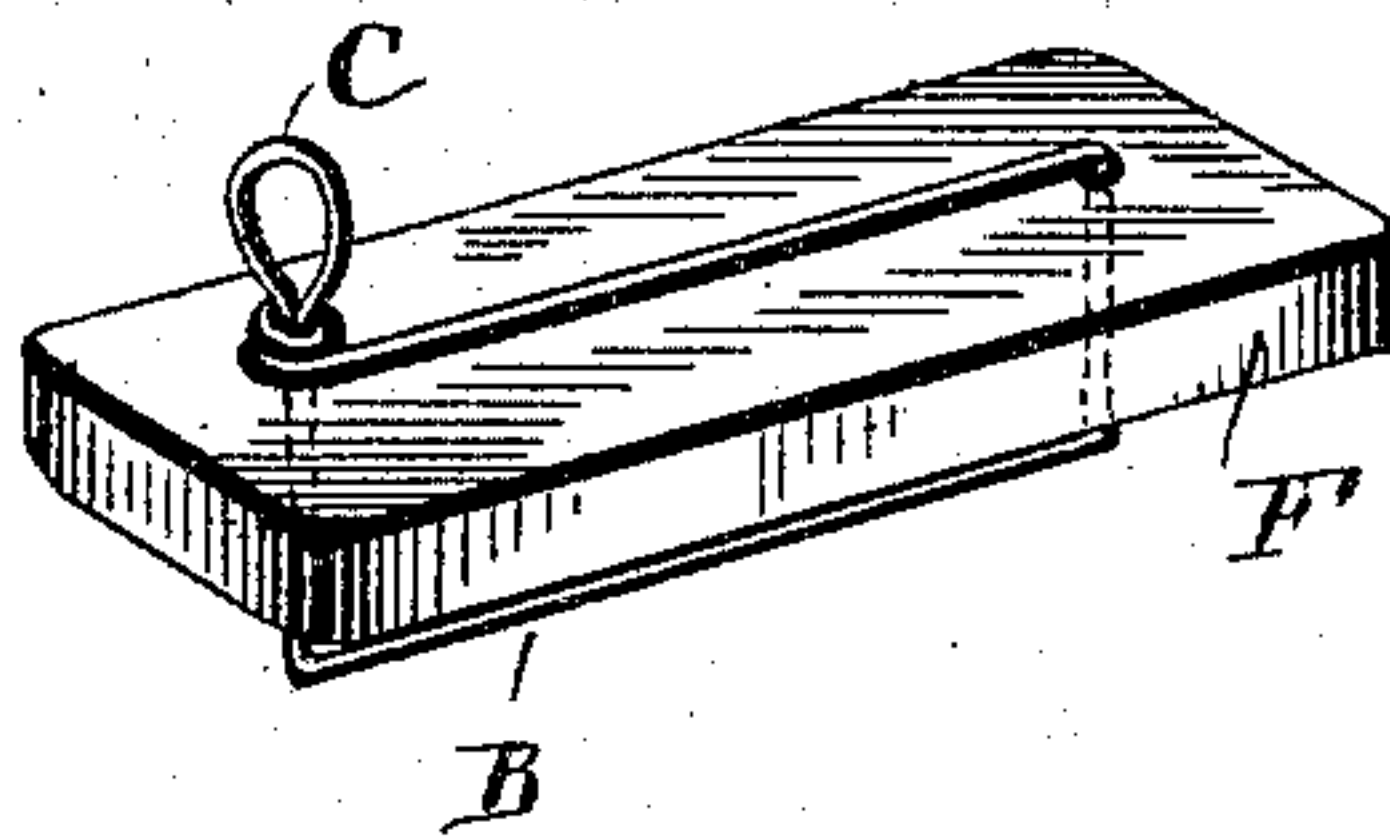


FIG. 5.

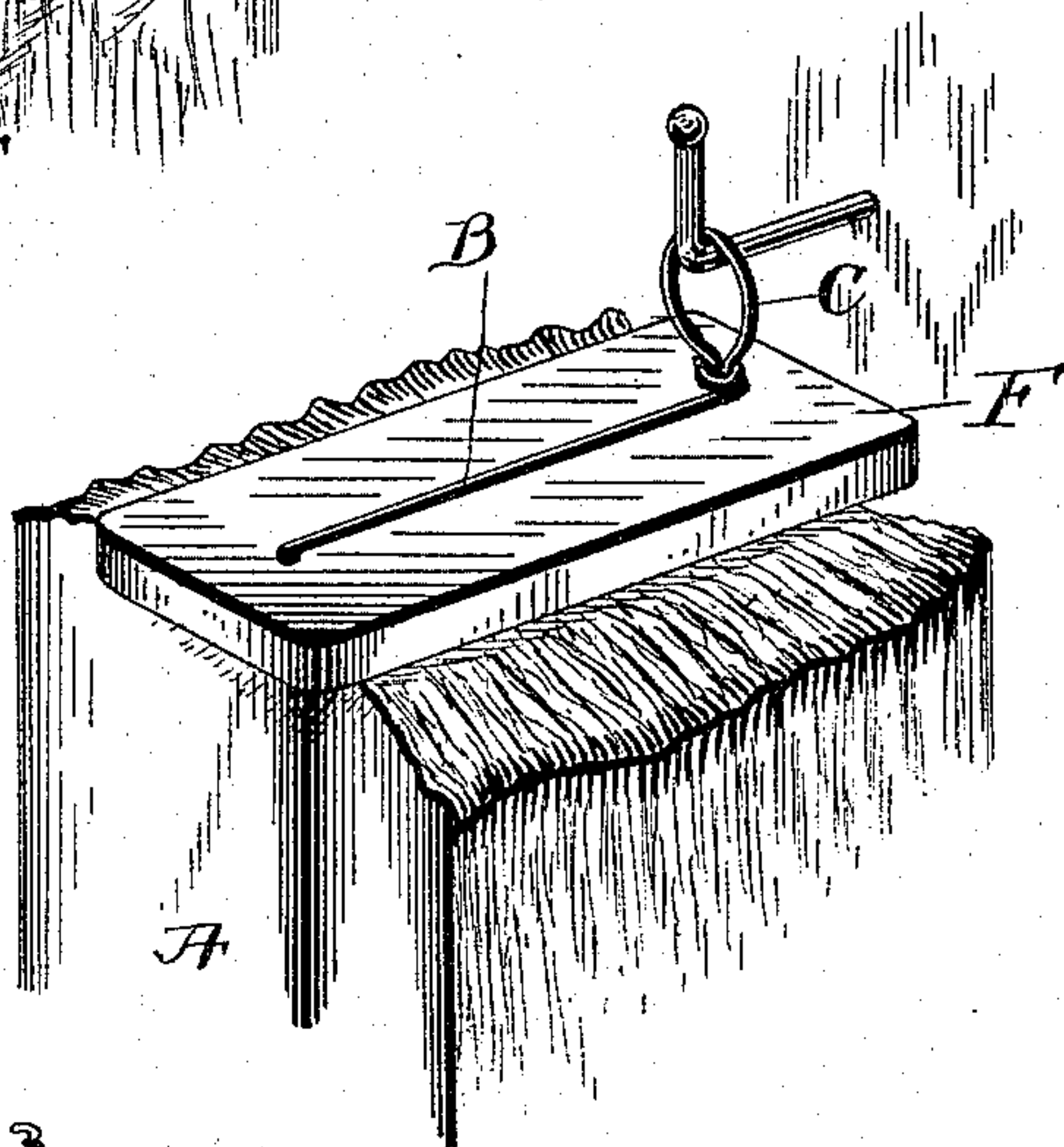


FIG. 4.

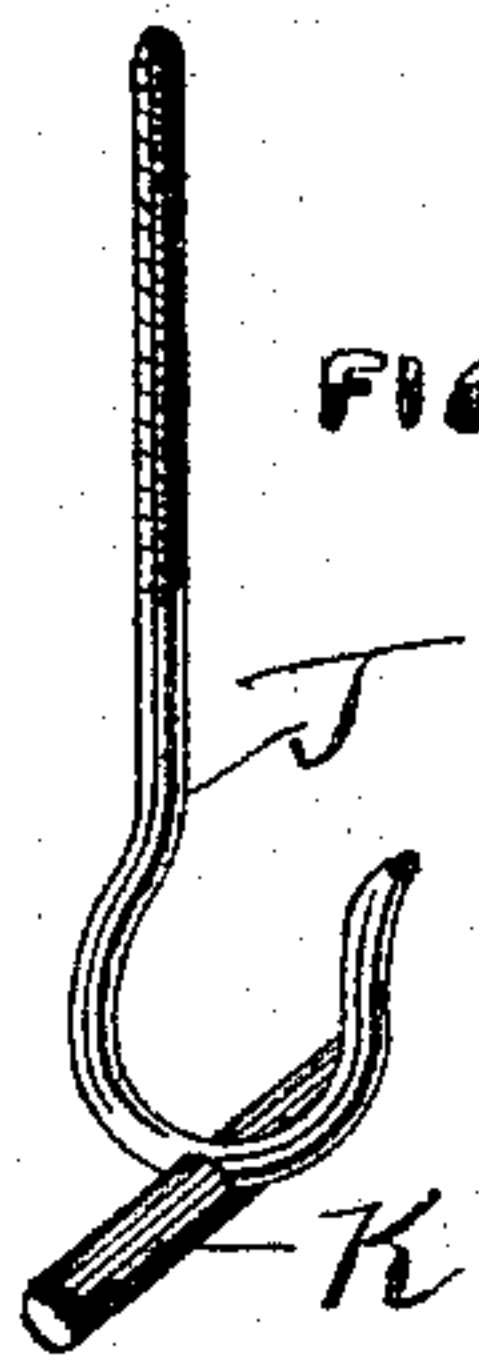


FIG. 3.

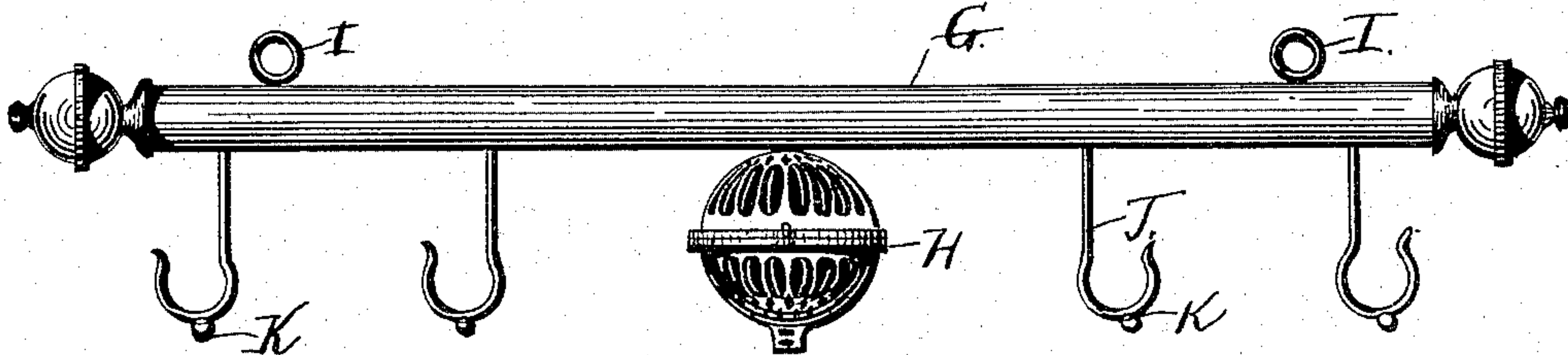
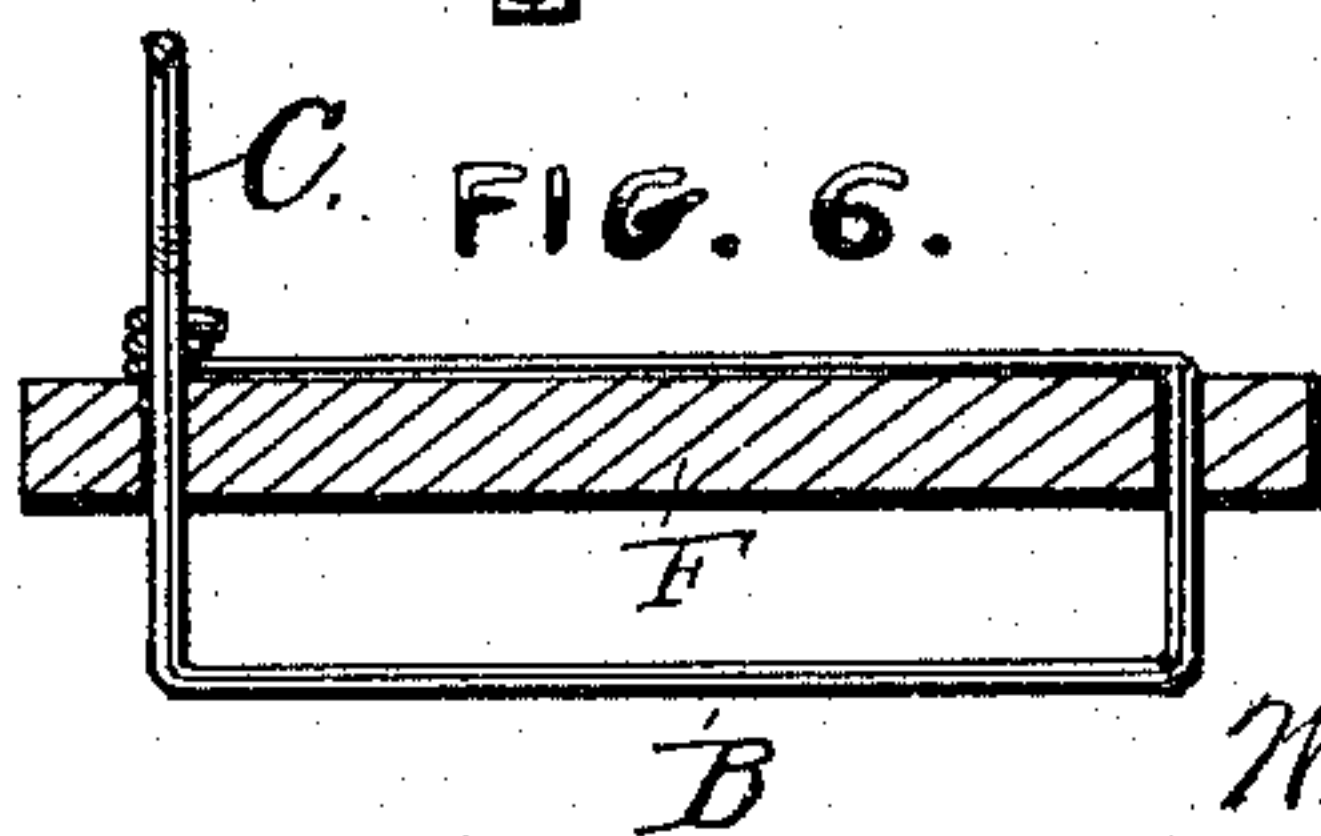


FIG. 6.



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# UNITED STATES PATENT OFFICE.

WILLIAM CLIFFORD LYNHAM, OF RICHMOND, VIRGINIA.

MEANS FOR BINDING AND SUSPENDING PACKAGES OF PAPER BAGS.

SPECIFICATION forming part of Letters Patent No. 533,176, dated January 29, 1895.

Application filed September 20, 1894. Serial No. 523,546. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM CLIFFORD LYNHAM, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Means for Binding and Suspending Packages of Paper Bags, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a new and improved means of supporting or securing paper-bags or sheets of wrapping paper in packages or bundles whereby a single bag or sheet of paper may be easily withdrawn or detached from said package without interfering with, or detaching any of the other bags or sheets.

A further object of my invention is to provide a simple means for securing paper-bags or wrapping-paper into packages or bundles whereby when one or more of such bags or sheets are removed the remaining bags or sheets will not bind or draw up tightly against each other.

It is a further purpose of my invention to provide a support or hanger for bags or packages of paper whereby they will be held from swaying to and fro with the wind or from the movement of the hand when withdrawing a bag or sheet.

It is well known to all those using paper bags that a great inconvenience is constantly experienced from the fact that packages of paper-bags and wrapping-paper as now usually supplied to the trade are simply bound with string or cord, and as soon as the consumer or user cuts the string the bags are liberated and free to be strewn around the counter at random and unless carefully collected and deposited in a place of safety many of them become lost or soiled so as to be unfit for use. The purpose, therefore, of this invention is to offer to the manufacturer of paper-bags and wrapping-paper a simple, durable, and inexpensive means or device for securing such bags or paper into packages or bundles, whereby they may be supplied to the consumer or user in such a form that they

will not have to be detached, only as they are used.

To these ends my invention consists in the novel features of construction and new combination and arrangement of parts hereinafter described and claimed.

In order to enable others skilled in the art to make and construct my said invention, I will proceed to describe the same in detail, reference being had to the accompanying drawings, in which—

Figure 1— is a perspective view of the upper portion of a package of paper-bags put up according to my invention. Fig. 2— is a perspective view of the bag-holding wire with the bags removed. Fig. 3— is a perspective view of a supporting rod supplied with my improved hooks for supporting a number of packages of bags. Fig. 4— is a detail view of one of the hooks. Fig. 5— is a view showing a portion of a package of bags put up according to my invention and supported or suspended from an ordinary nail driven in the wall. Fig. 6— is a longitudinal section through the block.

Referring now to the drawings the reference letter A, designates a package of paper-bags, through the upper central portion of which is passed a strand of flexible wire B, the end of which has been previously bent or formed into a loop C, for the purpose of supporting or hanging said package when in position upon the rack or holder. The packages of bags are pierced or provided with a small hole passing through the upper central portion thereof for the purpose of receiving the wire strand, said hole being formed therein with any suitable tool. The wire strand having been previously passed through a stretching plate or block F, presently to be explained, is now passed through the package of bags, the looped end C, being bent upward at a right angle to the top edge of the bags and lying directly in a plane with one face of the package so that the same can be readily suspended from a nail driven in a wall or board, arranged for the purpose as shown in Fig. 5, in which position it will be held firmly and kept from swaying to and fro by the flat face of the bags lying against the flat face of the wall or board.



The free end of the wire strand, after being passed through the stretching block or plate F, and the package of bags, is bent upward, like the looped end and passed through an orifice in the strip or plate F, which lies flat upon the upper edges of the package of bags directly over and in a line with the holes through which the wire passes. After being passed through the stretching plate or strip F, the wire strand is drawn up tightly so as to securely hold the bags in a bundle, or package, and then twisted around the base of the loop C, to form a lock or tie.

The object of the block or plate F, which, however, may be made of wood or metal and of any suitable length and width according to the number of bags in a package, and the width of said bags, is to prevent the bags from binding tightly against each other as they are consumed or withdrawn from the package; for if the bags were allowed to bind against each other it will be obvious that when a single bag is pulled, it will bring along with it the bags lying on each side of the same, owing to the fact that said bags will, by friction, stick to the one pulled. By providing the stretching strip or block F, as illustrated in the drawings, it will be seen that the wire strand is always kept at the same width as the original package of bags was, no matter how many bags may have been removed; and a further and important result accomplished being, that the wire used may be of a thin and inexpensive quality, thereby making the device very cheap in manufacture.

A further object of the stretching block or plate F, is, that owing to the fact that it rests immediately upon the top edges of the package of bags, and is secured firmly thereto, the bags are all held in alignment with each other, or the conformity of the package is established at all times, and it is not necessary to bind them in any manner, other than by my improved binder or securing means.

Instead of a wire-strand, as heretofore described, a string or cord may be used equally as well and with the same results, except that with the cord or string, the package of bags will not be held from swinging when supported upon my improved hook or rack, now to be explained.

Referring to Fig. 3, of the drawings the ref-

erence letter G, designates a rod or bar preferably of wood and of any suitable construction and dimensions, in the center of which is secured a twine-holder H, of the ordinary form, and upon the upper face of said rod is screwed two or more screw-eyes I, or other suitable devices for the purpose of suspending said bar from the ceiling or wall. To the under surface of the rod or bar G, is screwed a number of hooks J, (one of which is shown in detail in Fig. 4) each of which is provided with a cross-bar K, the purpose of which hook is to support the wire loop of the package of bags, the cross-bar preventing the same from swaying back and forth or to and fro. The wire loop C being located in the center and at one edge of the package of bags, when said package is hung upon the hook it will hang downward, and incline slightly rearward, thereby bringing the lower portion of the loop in direct and positive contact or engagement with the cross-bar K, and hold the package steady and firm. Any number of these hooks may be secured to the rod or bar, or they may be screwed under the counter or other suitable or desired place.

What I claim as my invention is—

1. A package of bags secured together by a suspending and binding wire, said wire passing through the upper, central portion of the bags, and a removable stretching block or plate threaded upon the wire and lying flat upon the upper edge of the bags, substantially as described.

2. In combination with a package of paper bags having an orifice through the upper central portion thereof, a binder for said package consisting of a wire strand having a loop at one end, and a stretching block or plate located upon the top edge of said package and having orifices near each end thereof, said wire strand being passed through the orifices in the stretching block and package, and having its free end twisted around the base of the loop, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM CLIFFORD LYNHAM.

Witnesses:

P. H. POWERS,  
T. J. TEAGLE.