

(No Model.)

J. T. McKEAN.

DEVICE FOR SECURING EXTRA LEAVES IN BOOKS.

No. 440,831.

Patented Nov. 18, 1890.

Fig. 1.

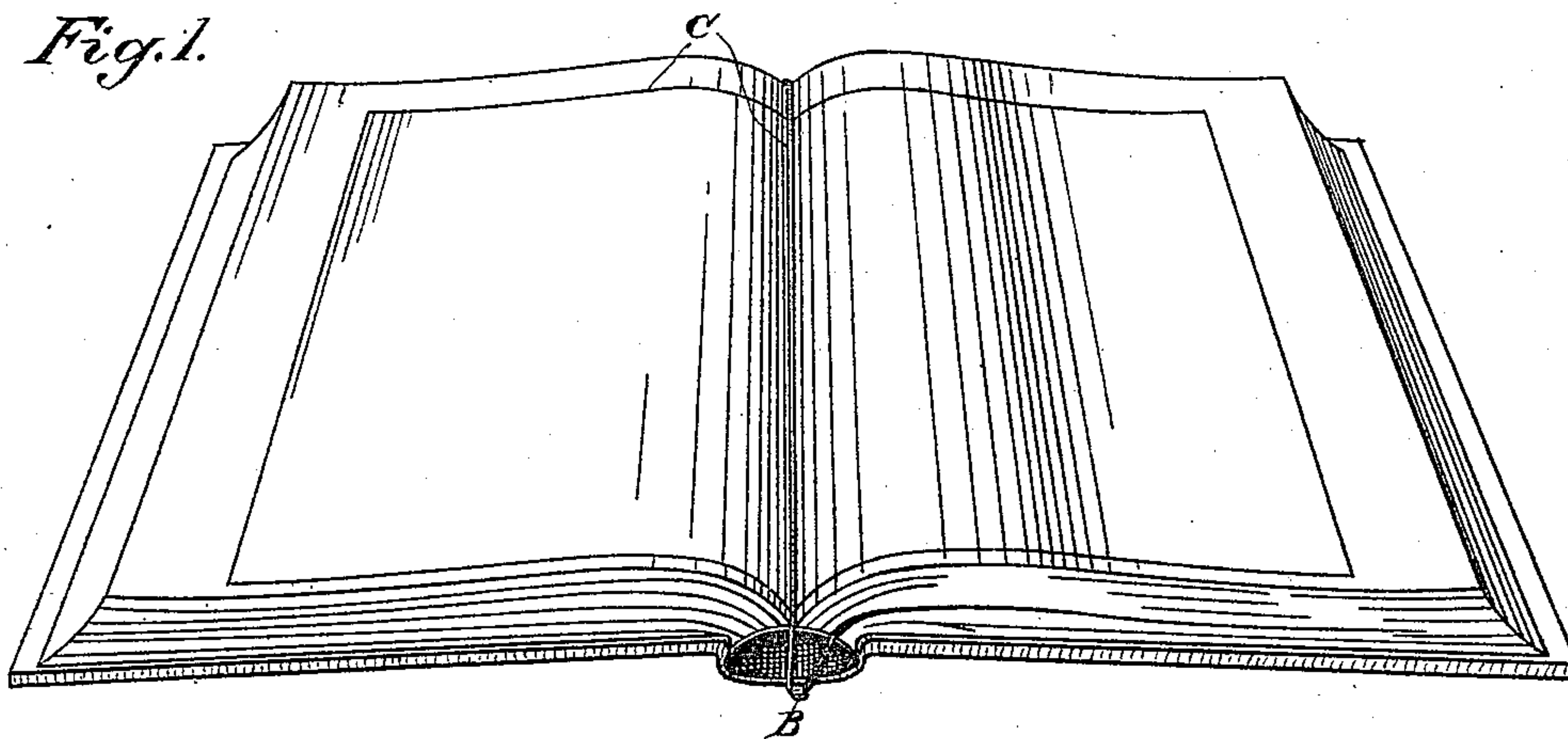
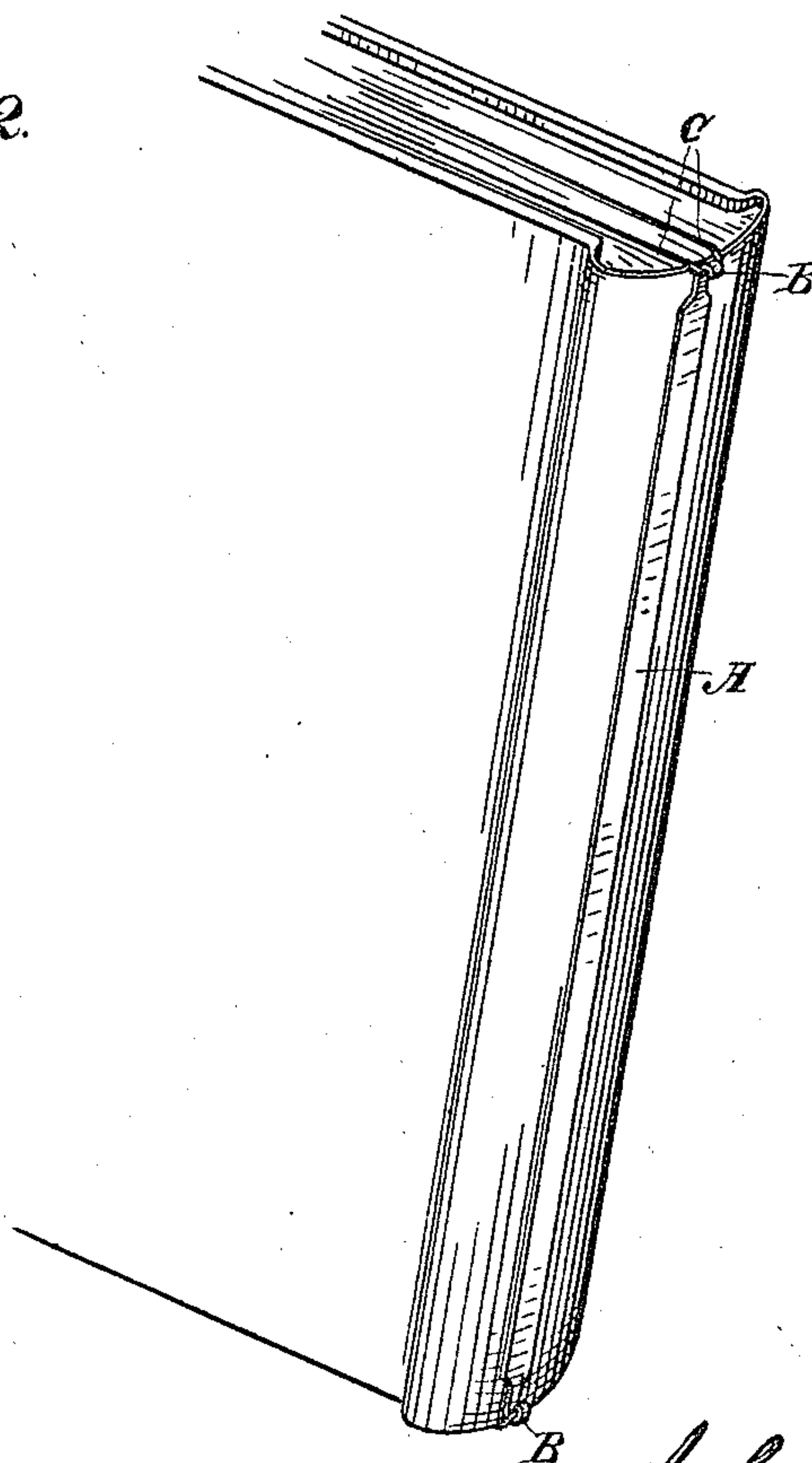


Fig. 2.



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UNITED STATES PATENT OFFICE.

JOHN T. McKEAN, OF SANTA CRUZ, CALIFORNIA.

DEVICE FOR SECURING EXTRA LEAVES IN BOOKS.

SPECIFICATION forming part of Letters Patent No. 440,831, dated November 18, 1890.

Application filed February 5, 1890. Serial No. 339,305. (No model.)

To all whom it may concern:

Be it known that I, JOHN T. McKEAN, a citizen of the United States, residing at Santa Cruz, Santa Cruz county, State of California, have invented an Improvement in Devices for Securing Extra Leaves in Books; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a device which is especially applicable for securing extra leaves in books which are already bound, these leaves being used for taking notes, advertising, and other purposes, and being removable or interchangeable at pleasure.

It consists of a series of flexible threads or filaments passing through the folds of the supplemental leaves and a means for attaching threads at opposite ends, as will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a view of a book, showing the application of my device. Fig. 2 shows a means for securing the filaments.

The supplemental leaves, which are to be placed in the books, either for the purpose of making notes or for advertising or other purposes, are of thin material and are folded once in the center, the fold being laid in the book, as shown at C. These leaves are placed in the book at any desired intervals between the leaves which are already bound in place. I then take a thread or filament of fine strong material and pass it through the bight or fold of one of the supplemental leaves, drawing it down closely between the other leaves of the book. The thread is then passed around outside of the cover of the book, and may then be returned from this point through another folded leaf, and after passing through this leaf it is again passed around the outside, and thus returned through as many leaves as it is desired to temporarily fix within the book, the end of the thread being afterward fastened.

Various devices may be employed to facilitate the fastening of the filaments. I have here shown a thin bar A, which is made of metal and is of a length equal to that of the back of the book. At each end this bar is bent so as to form a curved loop, which is made of smaller diameter than the bar, so as

to receive a number of turns of the filament without making too much bulk. The end of the filament may thus be attached to one of the loops B and the filament passed through the fold of the first supplemental sheet, after which it makes a turn around the loop B at the opposite end. From this point it may be returned through the fold of another supplemental leaf, and so on until the desired number of leaves have been inserted, when it may be secured to one of the loops B.

The bar A lies centrally in the back of the book, and from this point the threads may be passed between any of the leaves of the book, so that the supplemental leaves C may be fixed at any desired point to be convenient for memorandum purposes or for advertising sheets, these leaves being sufficiently thin, so as not to greatly add to the bulk between the pages which are already bound.

It will be manifest that by this device I am enabled to introduce or remove the folded sheets at any number of points within the book, and that notes or other matter may be introduced or removed at will.

If preferred, the loops B may be formed upon the ends of separate thin plates, which may be permanently secured in the book when it is bound, the loops projecting just enough at each end to receive the threads.

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

The combination of a strip adapted to be fitted on the back of a book and having loops at its opposite ends, a series of supplemental sheets adapted to be folded centrally and placed between the leaves of the book, and a continuous thread or filament secured to one of said loops and thence passed through the fold of one supplemental sheet to the opposite loop, and finally through other folded supplemental sheets and secured to one of the loops, substantially as herein described.

In witness whereof I have hereunto set my hand.

JOHN T. McKEAN.

Witnesses:

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