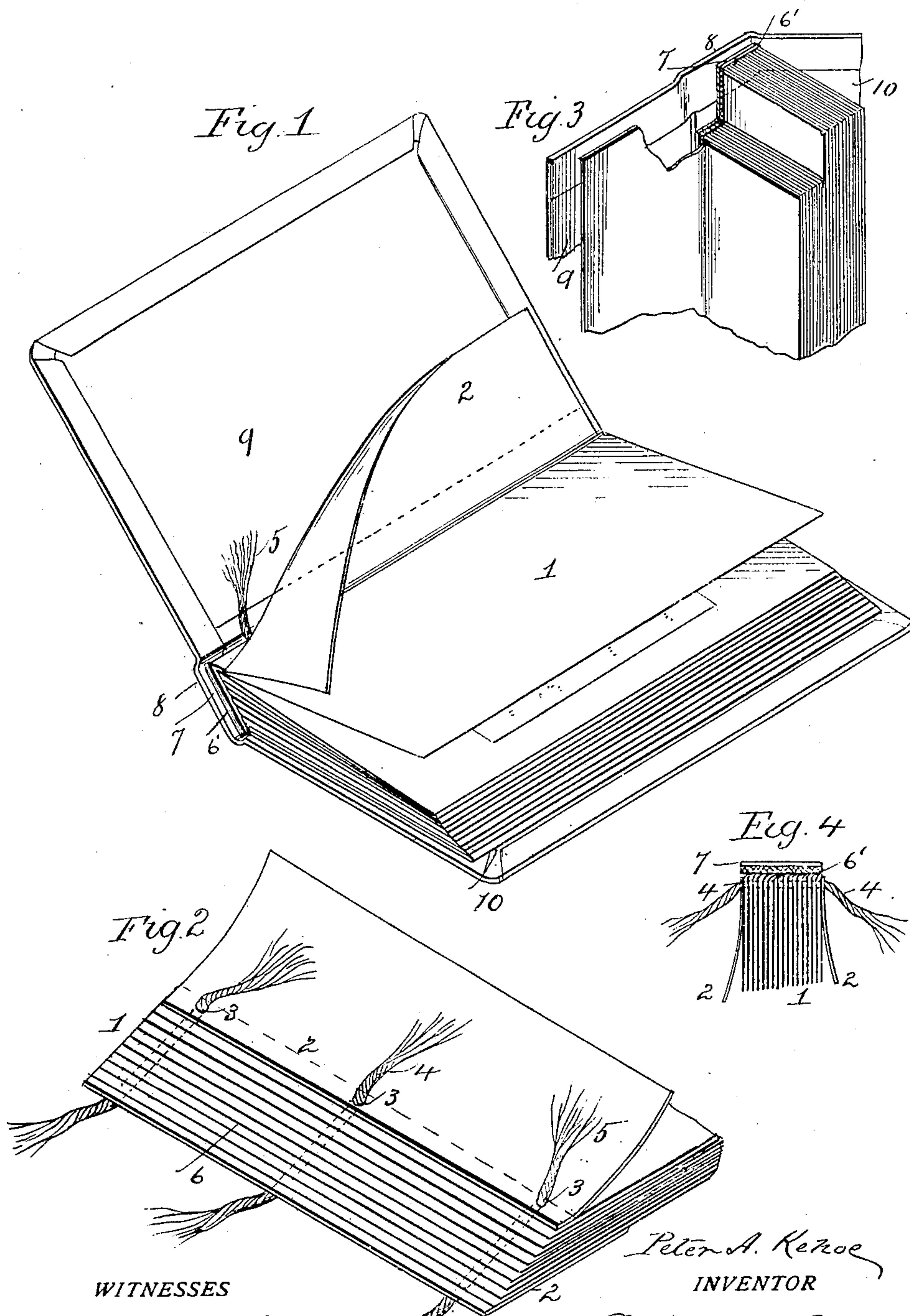


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MANUFACTURE OF SCRAP AND OTHER BOOKS.
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WITNESSES
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MANUFACTURE OF SCRAP AND OTHER BOOKS.

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To all whom it may concern:

Be it known that I, PETER A. KEHOE, a citizen of the United States, residing at Tompkinsville, in the county of Richmond and State of New York, have invented certain new and useful Improvements in the Manufacture of Scrap and other Books, of which the following is a specification.

My invention has relation to bookbinding, and especially to the binding of scrap books, invoice books, photograph albums, blank books and other bound books in which the leaves or signatures are so spaced as to allow of the insertion between leaves of clippings, invoices, photographs or other sheet matter without spreading or straining the binding.

The object of my invention is to produce a flat-opening guardless book, by the use of single leaves or signatures so united and bound between covers as to dispense with stitching folding and other expensive and laborious operations heretofore necessary in the production of serviceable opening books.

In the accompanying drawing: Figure 1 is a perspective view of a completed book embodying my invention. Fig. 2 is a perspective view of the book in a preliminary stage. Fig. 3 is a perspective view of a dissected portion of the book. Fig. 4 is an end view of the book before insertion in its case.

In carrying my invention into effect, I take the desired number of single leaves or signatures, 1, to make the book and form an even pile or stack and after assembling and squaring the edges I paste a strip of canvas, muslin or other suitable material 2, on the outer surface of the front and back leaves near their inner edges, I then perforate the leaves and pasted strip 2 close to the inner margin with any desired number of holes 3, and pass through each line of perforations a short piece of twine or cord 4, suitable to the size and thickness of the book, leaving the ends 5 projecting on both sides any desired length. I now space or spread the leaves apart by shingling, as shown at 6 in Fig. 2 and apply to the exposed margins glue or other suitable adhesive. I then apply to the glued edges a strip 6' of loosely woven crash, flannel or other suitable fabric through which the glue will ooze, and to this I attach a strip 7 of heavy paper or board, and then place the whole under pressure until thoroughly dry.

When the book is thoroughly dry it is at-

tached to the back or case, and for this purpose the projecting ends 5 of the cords 4 are frayed out and glued to the side boards 9, 10, the back 8, being glued to the strip 7. The canvas strips 2 are now turned back and glued to the side boards 9, 10, and in the joints and over the cords 4 thus holding the cords firm in the book and serving as hinges for the leaves and case to work on. The book so made is, essentially, a sewed, guardless scrap book from which the leaves cannot come loose, or be removed without tearing or cutting them, the cords which aid in retaining the leaves together being securely fastened to the case.

The book may be made to conform to all the usual requirements of taste and convenience, and can be made with a rounded or convex back and convex front or given any other shape desired without sacrificing strength or durability.

While the book embodying my invention is primarily intended and adapted for use as a scrap book, or book to receive fillings, it may be made for other uses by omitting the step of spreading the leaves apart, or attaching them to the strip 6' while shingled as shown in Fig. 2; the leaves will come close together as usually required for printed books and the front and back may be curved or given any other desired shape.

I claim:

1. The method of making books, such as scrap books, which consists in assembling single leaves to form a book, pasting strips of fabric to the front and back leaves at the inner margins thereof, perforating the leaves and fabric strips near their inner edges and passing cords through the perforations, then shingling the leaves at the inner edge of the book applying adhesive material to the exposed portions and pasting thereon a strip of absorbent fabric and, to the fabric, a stiffening strip and allowing the same to dry under pressure and then attaching the book to its case by fraying the ends of the cords and gluing them and the perforated strips to the side boards of the case, and gluing the said stiffening strip to the back of the case.

2. A flat opening book such as a scrap book, composed of single unfolded leaves with strips of fabric attached to the wo outer leaves and with the leaves and strips perforated near their inner margins and with cords passed through said perforations and

frayed at their ends, said leaves being attached at their inner edges to a strip of absorbent fabric and to a stiffening strip and spaced apart for the reception of fillings, and the whole secured in a case or cover, with the first named fabric strips and the cords pasted to the side boards of the case or cover, and the leaves with the absorbent strip and stiffening strip secured to the back of the case.

3. A flat opening book, such as a scrap book, composed of a plurality of single, unfolded leaves, secured at their inner margin to a suitable backing and spaced for the reception of fillings, the outer leaves having pasted thereto fabric strips; and the leaves and strips being perforated and having cords passed through the perforations, the book being provided with a case or cover, with the cords and fabric strips pasted to the side

boards and with the leaves forming the book attached to the back of the case.

4. A book comprising a casing and single unfolded leaves or signatures secured by adhesive material at their inner edges to a suitable support for attachment to the case or cover, the outer leaves having pasted thereto strips of fabric and said leaves and strips being perforated and bound together by cords passed through the perforations; the cords having their ends frayed and the strips of fabric being secured to the side boards of the casing by adhesive material.

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

PETER ALOYSIUS KEHOE.

Witnesses:

ROBERT GLOCKLING,
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