

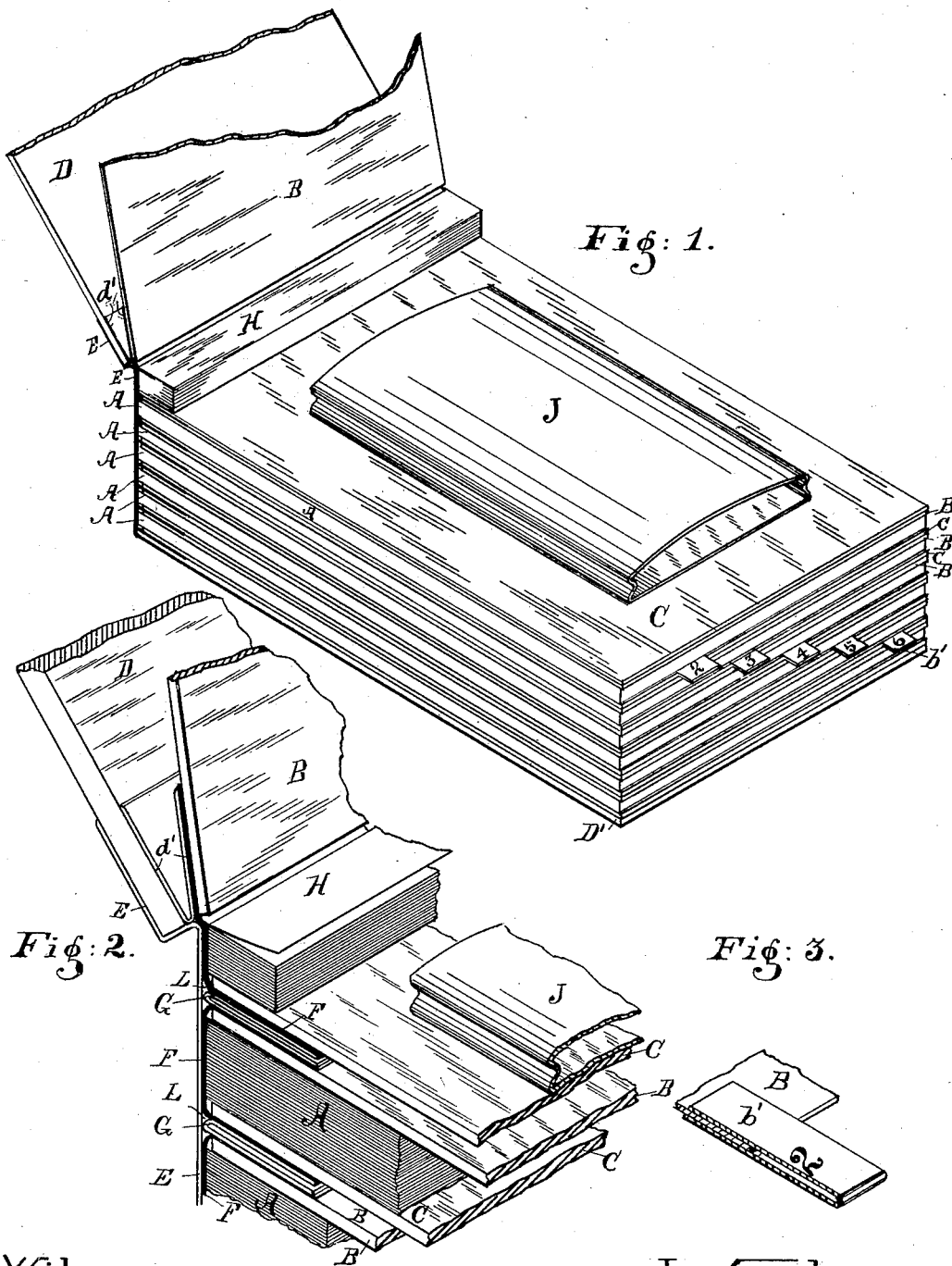
(No Model.)

J. W. CUMMINGS.

PAD BOOK.

No. 342,286.

Patented May 18, 1886.



Witnesses:  
R. F. Brandon.  
Carrie M. Nichols.

Inventor.  
James W. Cummings.  
by N. E. Whitney  
Attorney

# UNITED STATES PATENT OFFICE.

JAMES W. CUMMINGS, OF SPRINGFIELD, OHIO.

## PAD-BOOK.

SPECIFICATION forming part of Letters Patent No. 342,286, dated May 18, 1886.

Application filed November 21, 1885. Serial No. 123,574. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES W. CUMMINGS, of the city of Springfield, county of Clark, and State of Ohio, have invented certain new and useful Improvements in Pad-Books, of which the following is a specification.

This invention relates to pad-books or writing-tablets, the object of the invention being to provide a substantial book containing several pads or sections, each pad or section being composed of a series of single or double sheets of paper—such as printed blanks for government or official purposes—said book being so constructed that one or more sheets of each pad may be used and removed without loosening or disturbing the sheets of its own or those of adjacent pads.

My invention consists in the combination, in book form, of a series of pads or sections comprised of a series of single or double sheets of paper, each pad being provided with two fly-leaves, one above and one below the pad, and a flexible back extending from the upper face of the upper fly-leaf around the back of the pad to the under face of the lower fly-leaf, the said back being glued or pasted to the back edge of the pad and to the faces of the fly-leaves, thereby securing the fly-leaves and pad together and forming an independent back for each pad, the fly-leaves of one pad being secured to the fly-leaves of the next pad by a strip pasted to and interposed between the adjacent faces of fly-leaves, all constructed and arranged substantially as hereinafter fully described.

It also consists in certain details of construction, substantially as hereinafter described.

Figure 1 of the drawings represents an isometric view of a pad-book or writing-tablet constructed in accordance with my invention. Fig. 2 is an isometric view on an enlarged scale of a portion of the book, representing more clearly the construction of the book; and Fig. 3 is a detail showing the manner of securing the index-strip to the fly-leaf.

As shown in the drawings, my improved pad-book consists of the pads A, fly-leaves B C, outside covers, D D', main back-piece E, which connects the covers, supplemental back-pieces, F, which connect the pads and their

fly-leaves together, the strips G, secured to and interposed between adjacent faces of fly-leaves, the stubs H, and pocket J, the relative positions and construction of which will be fully explained further on.

In practice the book will be provided with a series of pads, A, each pad consisting of a series of sheets of paper—such as mortgage-blanks, deeds, &c.—each pad having two fly-leaves, the one, B, above and the one, C, below, the one, B, being provided at its outer end, preferably, with a strip, B', projecting slightly beyond the outer edge of the pad to which it belongs, said strips being numbered or lettered, as desired, and used for index purposes. The pad A and its upper and lower fly-leaf are secured together by a flexible back-strip, F, extending from the upper edge or face of the fly-leaf B, around the edges of the sheets forming the pad A, to the under face of the lower fly-leaf, C, the said strips extending a short distance over the faces of the fly-leaves, and being pasted or glued to the pad and fly-leaves, as shown in the drawings, thus forming a writing tablet or pad with an upper and lower cover, and this is the first step toward the construction of a book in accordance with my invention. A series of these pads being prepared in a like manner; they are secured together by the strips G, pasted or otherwise secured at one end to the upper face of the strip F, where it is secured to the pad fly-leaf B of one pad and at the other end to the lower face of the strip F, where it is secured to the fly-leaf C, thus forming a flexible hinge connection between the upper fly-leaf, B, of one pad and the lower fly-leaf, C, of the adjacent pad. As will be seen in the drawings, at L, the fly-leaves do not extend back to a point flush with the rear edges of the pads, but are so connected and arranged with relation to the pads as to leave sufficient space for the strips F to bend between their junction with the pads and fly-leaves, and thus obviating the tendency of the pads and fly-leaves becoming loosened or broken off at their junction with the strips F.

In some cases it is desirable to provide the book with a pocket, J, as shown in the drawings, for the reception of envelopes, folded

deed, or other articles, and in such case one of the pads A would be dispensed with and a stub, H, be secured between the fly-leaves in its stead, the stub being of a thickness equal, 5 or substantially so, to the height of the pocket J, and adapted to support the outside cover and keep the weight off the pocket, the pocket J being secured to the upper face of the fly-leaf C, as shown. The pads A, fly-leaves B C, 10 stub H, and pocket J are then secured between outside covers, D D', the cover D being secured to the adjacent fly-leaf by the strip d', secured at one end to and overlapping the inner face of the cover D, and at its opposite end to the 15 face of the strip F, secured to the fly-leaf B, and the cover D' being secured to the adjacent fly-leaf in a like manner, a main back-strip, E, preferably of leather, is then pasted or glued to the outside of the covers D D', and, if 20 desired, to the back-strips F of the pads A.

I do not desire to limit myself to the use of the pocket J, as in some cases it may be desirable to dispense with it, and use in its stead an ordinary pad.

25 The pads A may be of various kinds—as, for instance, they may be blocked up of single sheets or blanks, or they may be double sheets secured to the back-strips F at their folded ends, or they might be doubled and 30 one or both of the free ends secured to the back-strips F, there being many ways to attach folded sheets to their backs in accordance with my invention; and therefore I do not desire to limit myself to any special kind of blanks 35 or sheets comprising the pad A. The index-strips b' will be secured to their fly-leaves in any suitable manner, they being herein shown as doubled or folded, and their ends pasted to the fly-leaf above and below. (See Fig. 3.)

40 The object of providing a separate back F for each of the pads and attaching them to the main back E, as described, is to allow the book to be readily opened between pads without disturbing the sheets or breaking them 45 apart, and I am enabled to construct the book of much lighter and more flexible material than would be practicable for the main back of the book if the sheets were pasted directly to the said back, which is very desirable.

50 My improved book is specially adapted to use in public offices and where many different kinds of blanks or "forms" are used, and its advantages over the ordinary pad or writing-tablet is obviously apparent, inasmuch as 55 it permits a perfect system of blanks, forms, &c., to be kept in a compact body, thereby requiring but little time to look them up, and it prevents waste, it being an established fact that where blanks or pads are kept in separate

compartments or drawers of a desk or case 60 the dirt and constant abuse by frequent handling ruins many, and thus causes much waste.

If desired, the main back E may simply be pasted or secured to the outside covers and not to the backs F of the separate pads, to 65 form a spring-back. It is, however, preferable to construct the back E as described, and secure it to the backs F of the pads, as shown.

I claim—

1. As a new article of manufacture, a book 70 composed of a series of single or double sheet pads, A, having an upper fly-leaf, B, and lower fly-leaf, C, connected together by a flexible strip pasted to and extending from the upper fly-leaf, B, around the edges of the sheets forming the pad to and overlapping the lower face 75 of fly-leaf C, to which it is pasted, and the covers D D', secured to the pads by the main back-strip E, pasted to the outside of the covers and preferably to the back-strips F of the pads, 80 the pads being secured to each other by the flexible strip G, secured to the under and upper sides of the adjacent fly-leaves C and B, respectively, all substantially as described.

2. The combination, in book form, of a 85 series of pads, A, composed of single or double sheets, each pad having an upper and lower fly-leaf, as described, secured thereto by a flexible back-strip pasted to the rear edges of the sheets comprising the pad and to the up- 90 per face of the upper fly-leaf and the lower face of the lower fly-leaf, the fly-leaves terminating at a point slightly remote from the rear edge of the pad A, so as to leave a space between the upper and lower edges of the pads 95 and fly-leaves for the strips F to bend inward or outward between their points of junction with the pads and fly-leaves to thereby prevent tearing the fly leaves or sheets of the pads from the strip F when opening the book 100 between pads, substantially as described.

3. In a book composed of a series of pads, A, fly-leaves B C, and covers D D', all secured together, as described, by strips E F G, as shown, the combination, with the pad fly-leaf 105 C, of the stub H, consisting preferably of a series of short sheets secured to the back-strip F, as are the pads A, and the pocket J, constructed, preferably, of paper and pasted or secured to the upper face of fly-leaf C, all sub- 110 stantially as shown and described.

In witness whereof I have hereunto set my hand and seal, at Springfield, Ohio, this 18th day of August, A. D. 1885.

JAMES W. CUMMINGS. [L. S.]

In presence of—

P. J. CLEVENGER,  
N. E. C. WHITNEY.