

No. 733,218.

PATENTED JULY 7, 1903.

I. KITSEE.
BOOK OR PERIODICAL.
APPLICATION FILED AUG. 16, 1902.

NO MODEL

Fig. 1

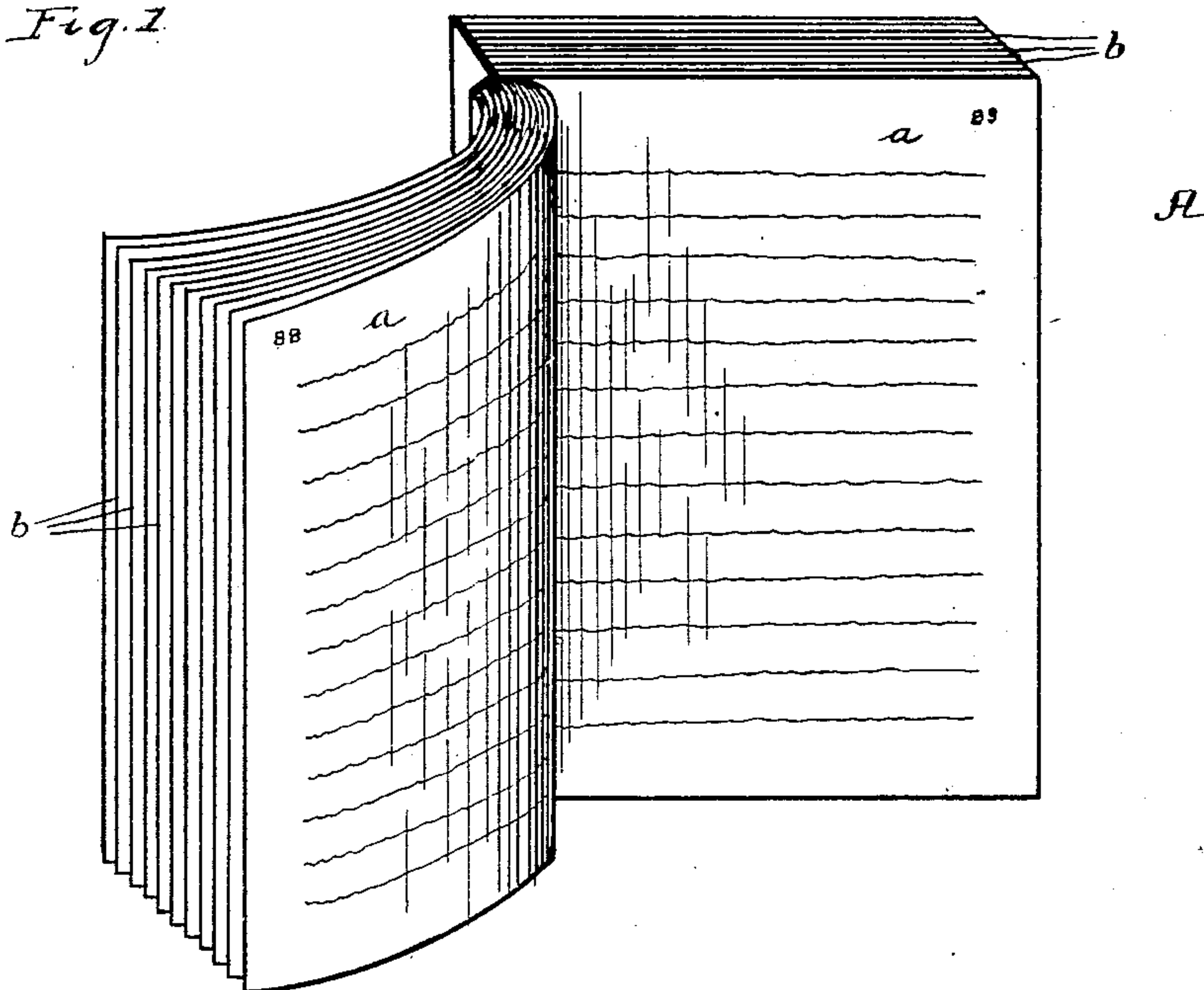
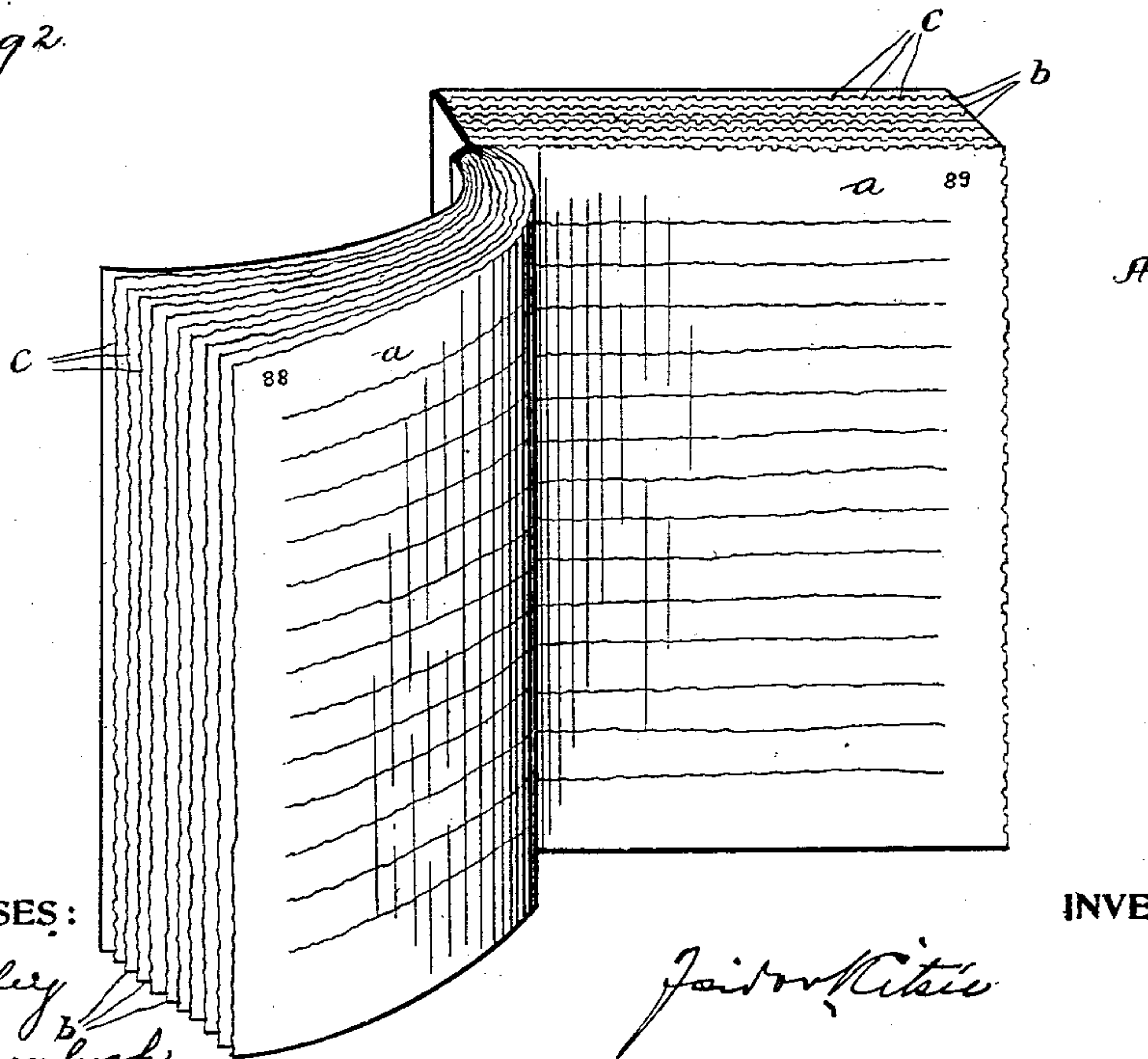


Fig. 2



WITNESSES:

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BOOK OR PERIODICAL.

SPECIFICATION forming part of Letters Patent No. 733,218, dated July 7, 1903.

Application filed August 16, 1902. Serial No. 119,880. (No model.)

To all whom it may concern:

Be it known that I, ISIDOR KITSEE, of the city and county of Philadelphia, State of Pennsylvania, have invented certain new and useful
 5 Improvements in Books or Periodicals, of which the following is a specification.

My invention relates to an improvement in books or periodicals. Its object is to provide
 10 leaves uncut with means to facilitate the cutting of said leaves.

Books, and more especially periodicals, have to a great extent their leaves uncut, for the reason that a copy once sold and read should
 15 be distinguished from an unsold copy and the return of such sold copies to the publishers as unsold be prevented. In such uncut copies the cutting of the leaves presents great difficulties to the purchaser, more especially
 20 so if no knife or other such means is at hand to cut the leaves correctly. For this reason some publishers have the leaves of their periodicals cut, even if the result is to their disadvantage.

As said above, it is the aim of my invention to provide uncut leaves of books, periodicals, or magazines with means to facilitate the cutting, and this means consists in notching or perforating that part of the leaves which is
 30 designed to be cut. In other words, instead of leaving the folded edge between two leaves entirely as a unit I provide this edge with a series of preferably small notches or perforations, so that the tearing asunder of these two
 35 leaves can be easily accomplished even without the aid of a knife or other such implement; but in practice I have found that to provide the leaves on the line where they have to be folded with perforations before they are
 40 made up into the book proper requires some additional work, and therefore expense, and it is the aim of this my invention to produce these holes or perforations at the least possible cost and the least possible inconvenience. I
 45 therefore preferably make the book up as an entirety except as to the cover and then cut the perforations or holes with the aid of a knife adapted for that purpose.

Referring to the drawings, Figure 1 is a perspective view of a book or periodical as used
 50 to-day with the leaves uncut. Fig. 2 is a similar view of a book or periodical provided

with notches or perforations in accordance with my invention.

A is a book as an entirety, of which *a* represents the leaves, and *b* represents the edges
 of the same.

c represents the notches or perforations.

The method of practicing this my invention is as follows: The book or periodical is made
 60 up in the same manner as is practiced to-day, and not the slightest deviation has to be made till the product is finished, but, as said above, before the cover is attached. At this period the edges are preferably "*en bloc*" subjected
 65 to the process of cutting in a manner so that only parts of the edges are removed, thereby producing therein a series of closely-spaced notches, or what is commonly called "perforations." This process of cutting can
 70 be carried out either with a knife having the edges curved accordingly or with any of the well-known punching devices used for punching such perforations. As the office of these
 75 notches or perforations is only to facilitate the tearing asunder of the leaf edges, it is clear that these notches or perforations may have any form whatsoever, provided they fulfil the function as stated.

The great advantage of a book or periodical the leaf edges of which are provided with
 80 notches or perforations can readily be appreciated by those who have had occasion to cut unperforated edges and not having at hand any implement for such cutting.

In practice where two or more sheets are to be folded one within the other, so as to form part of a book or periodical, it is difficult to obtain an exact alinement of the holes or perforations if these holes or perforations are
 90 punched out before such sheets are folded, and it is therefore advantageous that all the sheets shall first be united into one book or periodical before they are subjected to the cutting or punching process, as is clearly set
 95 forth above. Besides, the punching out of the perforations after the book is finished is far more economical and gives far better results than if each sheet is separately provided with these perforations.

To obviate misunderstanding and to clearly define my invention, I hereby declare that
 100 wherever I in this specification or in the claims following this specification make use

of the words "book" or "periodical" I understand under the same a volume having printed therein matters pertaining to fiction, art, or science, and wherever I in this specification or in the claims following this specification make use of the words "leaves" or "united leaves" I understand under the same two or more of the leaves of said book or periodical, all of which leaves are designed to be permanently attached in said book or periodical and to form part of the reading matter of the same and are not designed either in part or in whole to be detached from said book, in contradistinction to such devices wherein one or more of the leaves or one or the other part of one or more of said leaves are designed to be detached and are therefore not designed to form permanent parts of said device—such, for instance, as copying-books, ticket-books, manifolding and check books—and I therefore expressly exclude the same from the scope of this my invention.

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

1. As an improved article of manufacture, a book or periodical the leaves of which are connected together along their top and front edges to render said leaves inseparable, said leaves having a series of notches cut in said connected edges, whereby said edges may be readily and uniformly torn apart for separating the connected leaves without the employment of a cutter. 30

2. As an improved article of manufacture, a book or periodical the leaves of which are connected together at their exposed edges to render said leaves inseparable, said leaves having a series of notches cut in said connected edges, whereby said edges may be readily and uniformly torn apart for separating the connected leaves without the employment of a cutter. 40

In testimony whereof I hereby sign my name, in the presence of two subscribing witnesses, this 12th day of August, A. D. 1902. 15

ISIDOR KITSEE.

Witnesses:

EDITH R. STILLEY,
CHAS. KRESSENBUCK.