

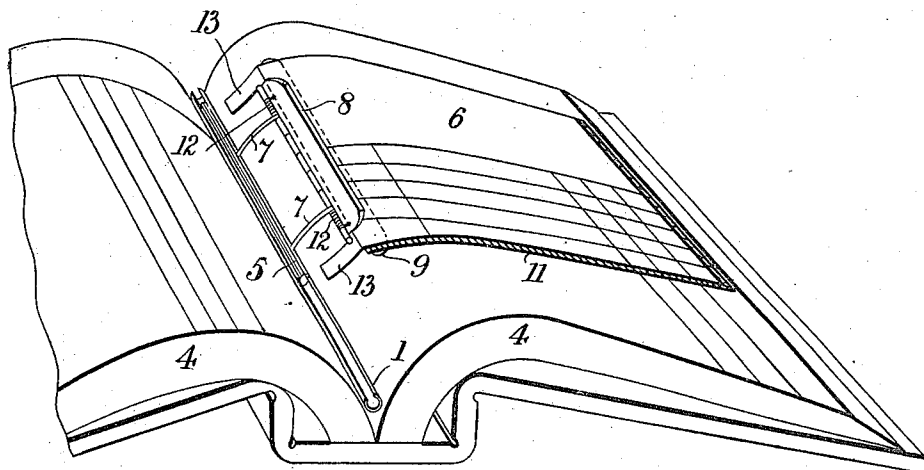
G. H. ROBINSON.
MANIFOLDING DEVICE.
APPLICATION FILED APR. 9, 1909.

965,227.

Patented July 26, 1910.

2 SHEETS—SHEET 1.

Fig. 1.



WITNESSES.

J. J. McCarthy
BC Rust

INVENTOR

George Heath Robinson
by *Frederic Freeman Watson & Co.*
Attys.

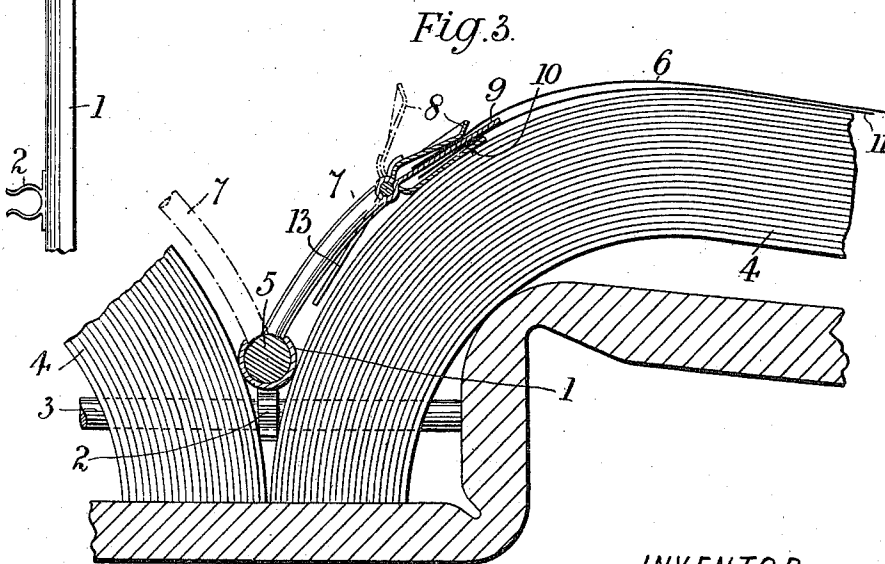
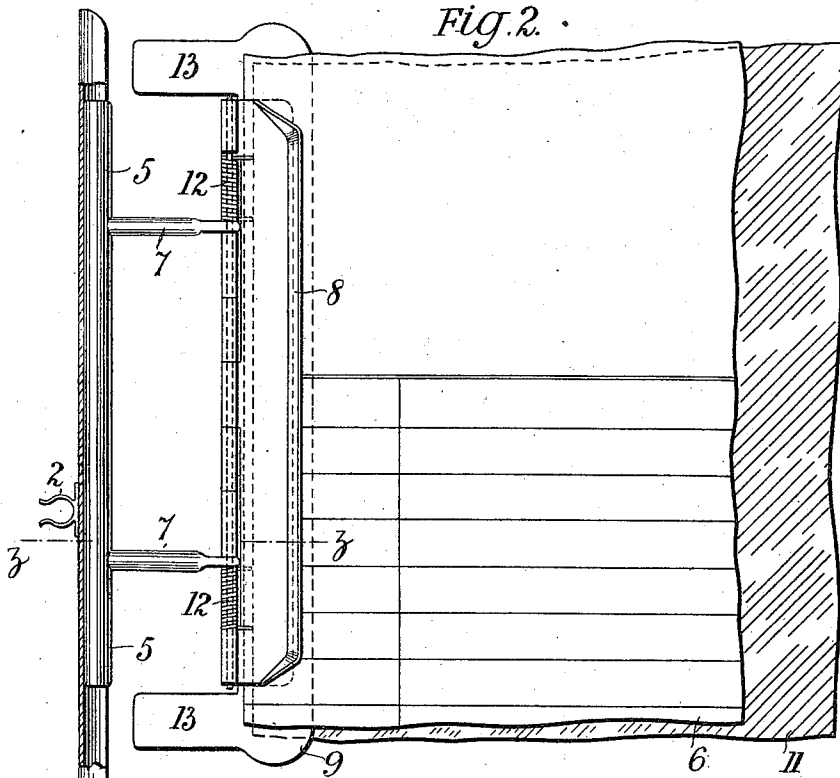
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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

GEORGE HEATH ROBINSON, OF LONDON, ENGLAND.

MANIFOLDING DEVICE.

965,227.

Specification of Letters Patent.

Patented July 26, 1910.

Application filed April 9, 1909. Serial No. 488,998.

To all whom it may concern:

Be it known that I, GEORGE HEATH ROBINSON, a subject of the King of Great Britain, residing at London, England, have invented
5 a new and useful Improvement in Manifolding Devices, of which the following is a specification.

This invention relates to a manifolding device for use when duplicating in books,
10 bound or collected forms, and the like, and its object is to provide improved means whereby an invoice or other document may be written and at the same time a duplicate of the document entered in the book or upon
15 a form or the like.

The accompanying drawings illustrate the application of the invention to a loose leaf book and in same Figure 1 represents the book open with the manifolding device in
20 place. Fig. 2 is a part plan view on a larger scale and Fig. 3 a cross sectional view on line 2-2.

In said drawings the open tube 1 is preferably provided at the back with spring
25 clips 2 adapted to engage with the pins or posts 3 which hold the loose leaves 4, all that is required being that the tube may be readily held in place while the sliding rod 5 is moved up and down therein to correspond
30 with the desired position the invoice 6 is to take with reference to loose leaves 4. As shown rod 5 carries arms 7 which in turn support the double spring clips 8, 9, 10 normally held in their closed position by springs
35 12 in the well known manner but capable of being separately opened, the parts 8 and 9 gripping the invoice 6 (or two or more copies with interposed carbon leaves may be inserted) while 9 and 10 form the clip for
40 the usual carbon leaf 11.

As the invoice portion of the clip will be most often opened it may be convenient to provide extensions 13 from the inner ends of plate 9 or 10 which will rest against the
45 leaves 4 so preventing 9 and 10 rising when plate 8 is raised as indicated by dotted lines in Fig. 3.

When it is desired to write on the pages to the left of the fixed part 1 the rod 5 with its connected clips is slid from tube and reversed and replaced thus bringing the carbon 11 on the page on the left.

To enable the clips to lie flat over either page the arms 7 are preferably curved, as
55 shown in Fig. 3.

Several invoices or the like may be written simultaneously by arranging them in the clip, one above the other, with the required number of carbon sheets interposed.

In using the manifolding device described
60 above it is possible, by sliding the movable part up or down over the pages of the book or the forms, to make allowance for the space occupied by the usual printed headings of the invoices or the like and to arrange the
65 entries in the book or upon the forms, one beneath the other without waste of space.

It will be understood that the details of construction may be varied without departing from this invention, and that the term
70 "book" in the following claims is intended to include either a bound or a loose-leaf book, or a collection of forms or sheets.

What I claim is:—

1. A manifolding device for use with
75 books comprising a grooved member having means for attachment to the cover of a book so that the said member shall lie between two open pages thereof, a rod adapted to slide in the grooved member, a clip, and
80 curved arms connecting the sliding rod and the clip.

2. A manifolding device for use with books comprising a grooved member having means for attachment to the cover of a book
85 so that the said member shall lie between two open pages thereof, a rod adapted to slide in the grooved member, two clips arranged adjacent to each other, and curved arms connecting the sliding rod and the
90 clips.

3. The combination with a loose-leaf book and pins upon which the leaves are held, of a stationary part, clips on said part adapted to engage with the pins of the loose-leaf
95 book, a second part adapted to slide relatively to the said stationary part and a clip carried by the movable part.

4. The combination with a loose-leaf book and pins upon which the leaves are held, of
100 a stationary part, clips on said part adapted to engage with the pins of the loose-leaf book, a second part adapted to slide relatively to the said stationary part, a clip carried by the movable part and a second clip
105 located adjacent to the first clip upon the movable part.

5. The combination with a loose leaf book and pins upon which the leaves are held, of a grooved member, clips on said member
110

adapted to engage with the pins of the loose-leaf book, a part comprising a rod adapted to slide in the grooved member, and a clip connected to the rod.

- 5 6. The combination with a loose leaf book and pins upon which the leaves are held, of a grooved member, clips on said member adapted to engage with the pins of the loose-leaf book, a part comprising a rod adapted
10 to slide in the grooved member, and two

clips arranged adjacent to each other and connected to the rod.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

GEORGE HEATH ROBINSON.

Witnesses:

WALTER ERNEST BROOKE,
ERNEST CHARLES THOMAS.