

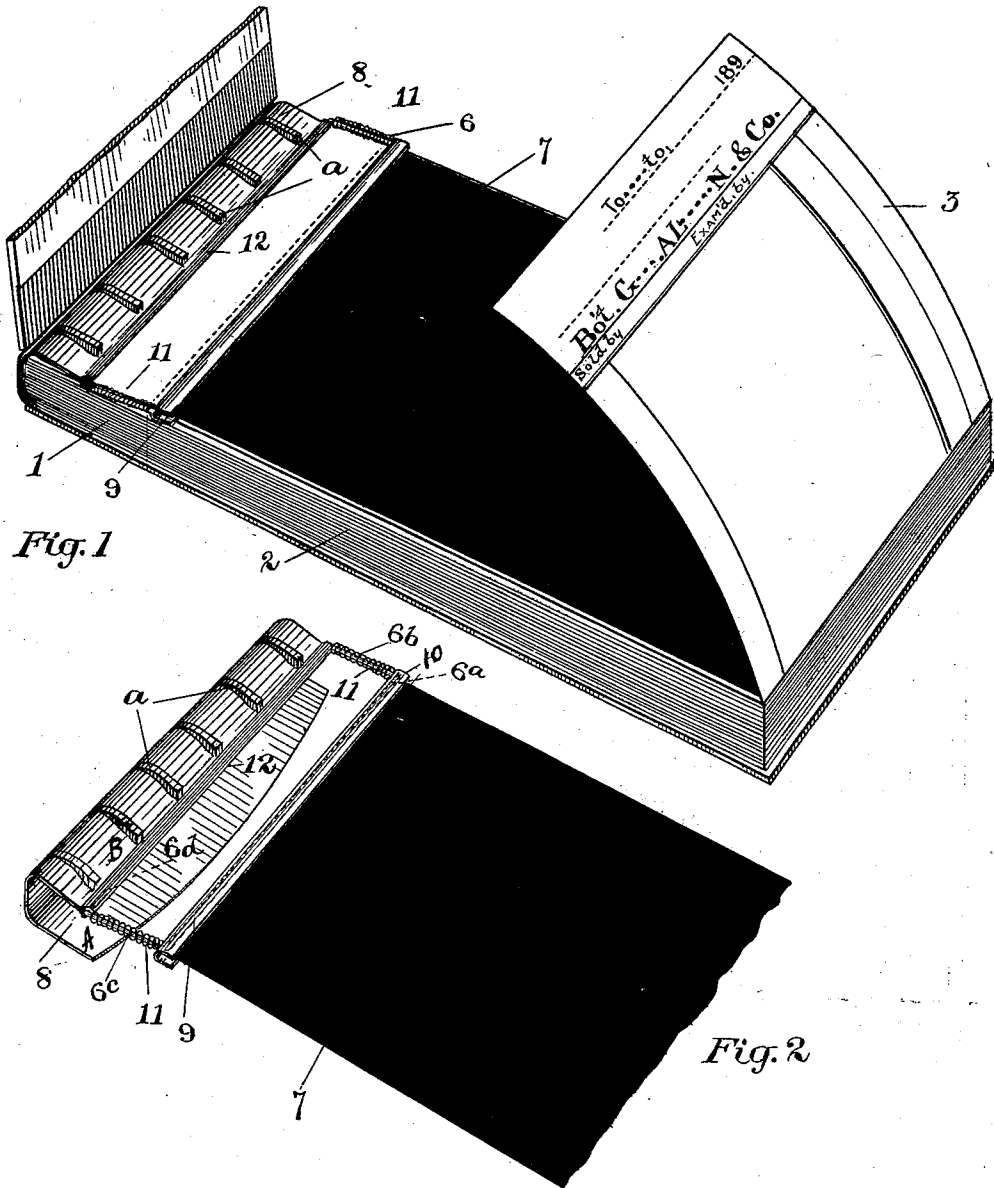
(No Model.)

W. H. RODDEN.

DUPLICATING MEMORANDUM BOOK OR COPYING BOOK.

No 537,232

Patented Apr. 9, 1895.



Witnesses,

J. B. Cameron  
Donald B. Redout

Inventor

William H. Rodden  
by  
his atty

# UNITED STATES PATENT OFFICE.

WILLIAM H. RODDEN, OF TORONTO, CANADA, ASSIGNOR, BY MESNE ASSIGNMENTS, TO JOHN J. CRABBE, OF SAME PLACE.

## DUPLICATING MEMORANDUM-BOOK OR COPYING-BOOK.

SPECIFICATION forming part of Letters Patent No. 537,232, dated April 9, 1895.

Application filed January 13, 1894. Serial No. 496,826. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. RODDEN, commercial traveler, of the city of Toronto, in the county of York, Province of Ontario, Canada, have invented certain new and useful Improvements in Duplicating Memorandum-Books or Copying-Books; and I hereby declare the following to be a full, clear, and exact description of the same.

10 To secure the greatest convenience in the use of copying books wherein the copy is made by means of a colored transfer sheet, it has been found desirable to attach this sheet to the book, and to do so at the same side or  
15 edge thereof at which the leaves are bound together. This however has been found to involve the following serious objections and difficulties hitherto not overcome in the construction of such books:

20 First. It necessitates the transfer sheet lying across the ledge formed by the edges of the stubs over which it must extend. This ledge increases in height as the copy leaves are taken from their stubs, thus preventing the  
25 transfer sheet from lying flat and close to the leaf which is to receive the copy as required.

Second. It has also been found essential especially in counter check books where sales are made on credit account and also in commercial travelers' order books, to retain the  
30 copies in the book and yet to have the attached transfer sheet kept adjacent to the next leaf to be copied on. This has been found impracticable hitherto owing to the retained  
35 copies intervening between the transfer sheet and the leaf to be copied on.

Third. The permanent attachment of the transfer sheet to the book is often found to be a disadvantage. Sometimes this sheet outlasts the book and is therefore lost to use.  
40 Sometimes the book outlasts the sheet, and there being no convenient provision for attaching a new sheet, it is troublesome to do so. A poor remedy for this has been attempted by  
45 putting two or more transfer sheets in different positions in the same book, and the second transfer sheet is frequently not required.

Fourth. The object of my invention is to construct a copying book of the desired form  
50 with the transfer sheet so attached and arranged that the aforementioned impediments

and objections will be obviated; and the invention consists essentially of the improvements as described hereinafter and as set forth in the claims.

In the drawings, Figure 1 is a perspective view of a copying book showing the stub, the original and the copy leaves, the frame or link pivoted at the bound end of the book, and the transfer sheet attached to the pivot yoke or link. Fig. 2 is a perspective view of the yoke or pivot link and the temporary binder.

Like numerals and letters of reference refer to like parts throughout the specification and drawings.

The copying book consists of a series of stubs 1, duplicates 2, and sales slips 3. The stubs 1 are bound together in the usual manner for securing together the several leaves comprising the book. As shown in the drawings the link or yoke 6 is pivoted to a temporary binder 8 secured to the head of the book. The link or yoke 6 comprises three sides of a rectangle and part of the fourth, numbered respectively 6<sup>a</sup>, 6<sup>b</sup>, 6<sup>c</sup>, and 6<sup>d</sup>. The open space between the sides of this yoke or link is of a sufficient size to permit of the leaves constituting the book being drawn therethrough. The ends 6<sup>d</sup> of the sides of the frame 6, respectively, 6<sup>b</sup> and 6<sup>c</sup>, are bent at right angles in the said frame and are secured preferably to the temporary binder 8 in such a manner that they serve as axes about which the side 6<sup>a</sup> rotates. Secured to the side 6<sup>a</sup> of the yoke or link 6 is the transfer sheet 7, which is also adapted to swing during the rotation or semi-rotation of the yoke or link 6. The transfer sheet 7 is secured to the side 6<sup>a</sup> of the link or yoke 6 by means of a clamp 9 which comprises a folded piece of metal having two openings 10, one arranged at either end of the clamp, through which pass the sides respectively 6<sup>b</sup> and 6<sup>c</sup>. The side 6<sup>a</sup> enters the fold of the clamp 9, and it is by means of the side 6<sup>a</sup> entering the fold of the clamp 9 that the transfer sheet is secured in place. This is accomplished as follows: The clamp 9 is slid on the sides 6<sup>b</sup> and 6<sup>c</sup> until the side 6<sup>a</sup> is entirely clear of the clamp. One end of the transfer sheet is then placed between the side 6<sup>a</sup> and the clamp 9, and the clamp is then slid back into place, binding the transfer

sheet in its fold between itself and the side 6<sup>a</sup>. The clamp 9 is held against the side 6<sup>a</sup> by means of two springs 11, one wound on each of the sides 6<sup>b</sup> and 6<sup>c</sup> respectively, which press  
 5 the clamp 9 against the said side 6<sup>a</sup> and hold it with sufficient pressure against the said side 6<sup>a</sup> to firmly retain the transfer sheet in place. The ends 6<sup>d</sup> of the sides 6<sup>b</sup> and 6<sup>c</sup> respectively of the frame 6 are inserted in a  
 10 socket or keeper 12 formed in the temporary binder 8.

I do not confine myself to any particular form of link or yoke, as I may, if I find it convenient, secure the transfer sheet to any convenient form of link or yoke, and secure the  
 15 link or yoke in any convenient manner to the book, so that it will swing the transfer sheet clear of the stubs in a manner similar to that of the frame 6.

20 If required to retain the copy instead of removing it from the book, it can be permitted to remain attached, and can be passed backward through the frame 6, so that the transfer sheet 7 will be in place to lie upon the  
 25 next unused leaf ready to be used for its purpose.

The temporary binder is provided with a series of ribs *a*, in order that a firm holding surface may be formed on it, to enable it to  
 30 be firmly held while the book is being withdrawn sidewise from it.

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

35 1. The combination with a memorandum book or copying book of a swinging link consisting of a substantially U-shaped frame comprised of two opposite sides and a third

side connected to the said opposite sides at right angles thereto, a substantially U-shaped  
 40 sliding clamp working on the said opposite sides and arranged to bear against the said third side to removably bind the transfer sheet between itself and the said third side, springs coiled on each of the said opposite  
 45 sides and arranged to press and hold the clamp against the said third side, the ends of the said opposite sides bent inwardly at substantially right angles to themselves and adapted to connect the said link to the book, 50 substantially as specified.

2. In a copying book, the combination with the originals and duplicates, of a swinging link revolubly connected thereto consisting  
 55 of a quadrilateral frame, springs coiled on opposite sides of the frame, and a U-shaped sliding clamp, working on two opposite sides of the frame and arranged to bear against the front side of the frame, substantially as shown  
 60 and described.

3. In a copying book the combination with the originals and duplicates of a swinging link revolubly connected thereto consisting  
 65 of a quadrilateral frame, a U-shaped sliding clamp working on two opposite sides of the frame, and arranged to bear against the front side of the frame, springs coiled on each of the opposite sides and arranged to press the clamp against the front side of the frame, substantially as specified.

Toronto, January 3, 1894.

W. H. RODDEN.

In presence of—

C. H. RICHE,  
 DONALD C. RIDOUT.