No. 753,484. PATENTED MAR. 1, 1904.

J. C. GOODMAN & F. J. WURTELE.

BOOK CARRIAGE.

APPLICATION FILED SEPT. 19, 1902.

NO MODEL.

Fig. 1.

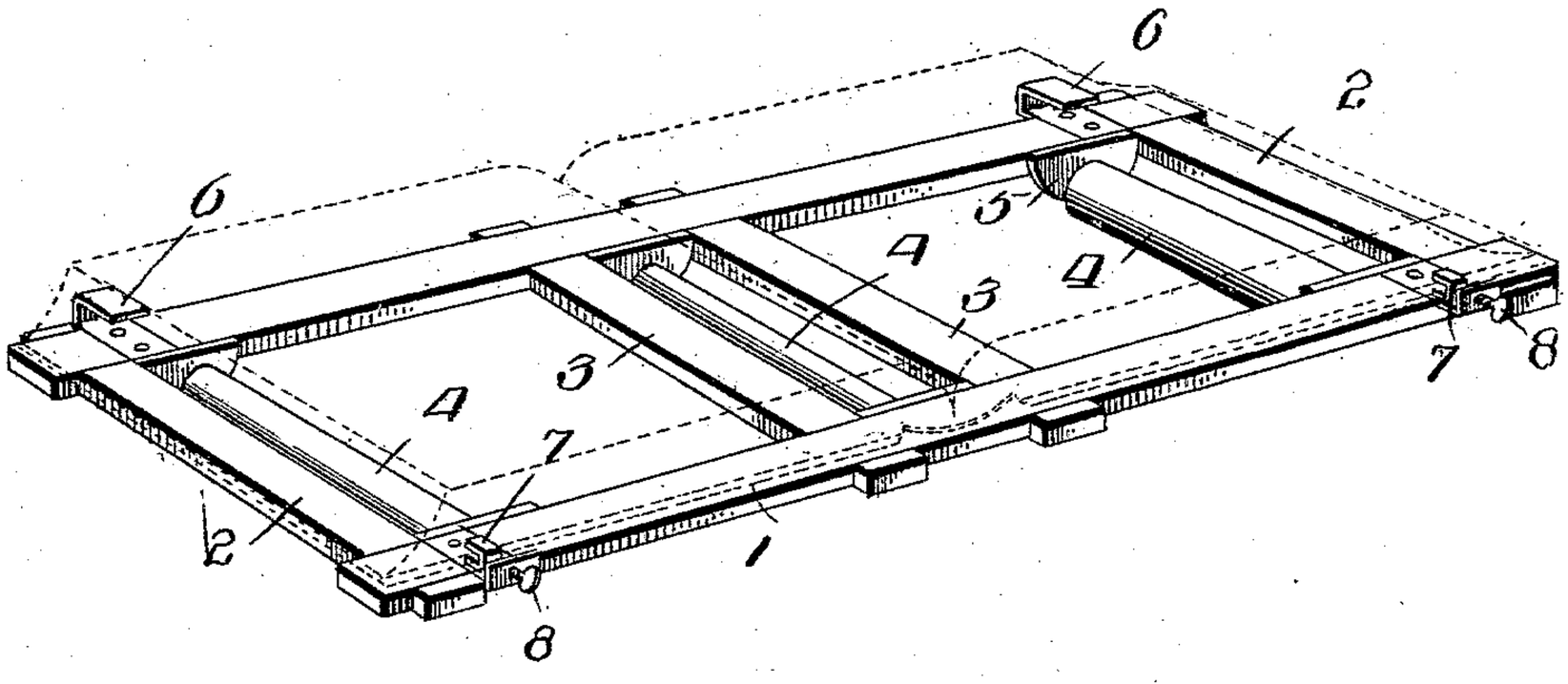


Fig. 2.

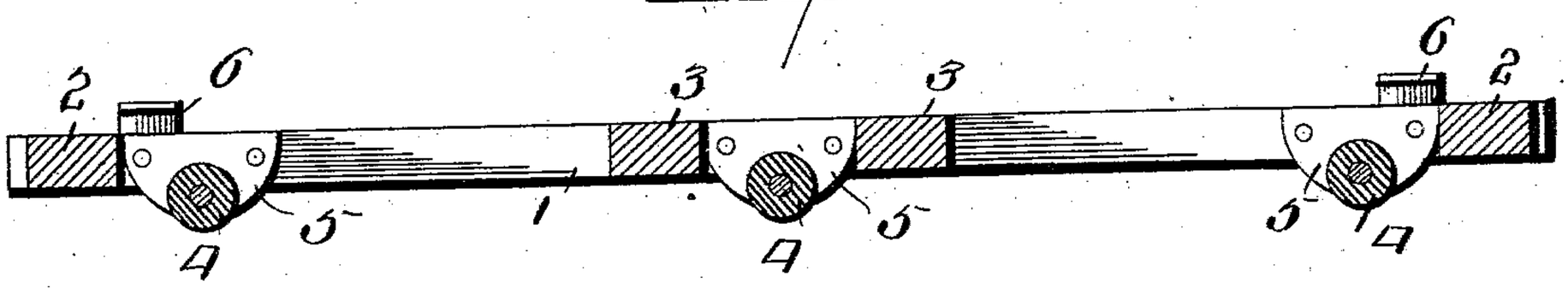
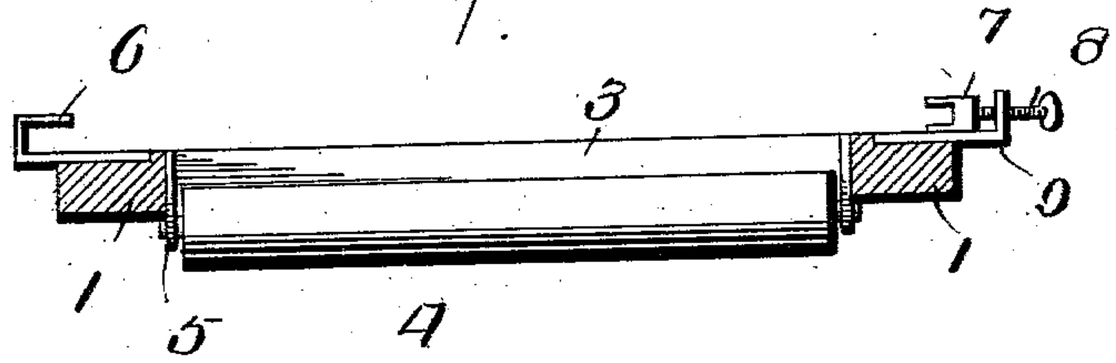


Fig. 3.



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No. 753,484. Patented March 1, 1904.

UNITED STATES PATENT OFFICE.

JOB C. GOODMAN AND FRED J. WURTELE, OF EVANSTON, WYOMING.

BOOK-CARRIAGE.

SPECIFICATION forming part of Letters Patent No. 753,484, dated March 1, 1904.

Application filed September 19, 1902. Serial No. 124,059. (No model.)

To all whom it may concern:

Be it known that we, JOB C. GOODMAN and FRED J. WURTELE, citizens of the United States, residing at Evanston, in the county of Uinta and State of Wyoming, have invented certain new and useful Improvements in Book-Carriages, of which the following is a specification.

This invention relates to certain new and useful improvements in carriages for bookkeeper's use, and has for its object to provide a carriage or truck upon which the book is laid and securely held in the open position, and which is readily movable along the table, desk, or the like upon which it is laid, so as to obviate the necessity of the bookkeeper changing his position in order to have access to a different page or portion of the book.

The invention is particularly applicable for use in connection with books of large size, such as are used by large corporations, county officials, State officials, and the like, for keeping the desired records; and it consists of a carriage or truck embodying a frame mounted upon rollers, so that the same may be readily and easily shifted along upon a table or desk, the frame having suitable means for clasping the book thereon in the opened position, so as to prevent accidental displacement of the book while the carriage or truck is being shifted on its support.

Our invention resides in the novel construction, combination, and arrangement of parts, as will be hereinafter more specifically described and then particularly pointed out in the appended claim, and in describing the invention in detail reference will be had to the accompanying drawings, forming a part of this specification, and wherein like numerals of reference will be employed for designating like parts throughout the different views, in which—

Figure 1 is a detail perspective view of our improved carriage, showing the book in open position thereon in dotted lines. Fig. 2 is a central longitudinal sectional view of the carriage, and Fig. 3 a transverse sectional view of the same.

To put our invention into practice, we construct a frame comprising side rails or bars 1, end rails or bars 2, and intermediate cross rails or bars 3. These may be mortised or otherwise suitably secured together as desired, a convenient manner in practice having been found to be to groove the end rails or bars and the intermediate cross rails or bars adjacent their ends on the upper faces and lay the side rails or bars therein, the latter being recessed sufficiently where they match with the end and intermediate rails or bars to bring the upper face of all the rails or bars on the same plane, as shown, in order to provide a level surface for the book to rest upon.

In order that the carriage may be readily and easily moved along on its support we provide travelers therefor, which in the present illustration of our invention consists of rollers 4, the shaft of which is journaled at its ends in the brackets 5, secured to the inner edge of the side rails or bars and project downwardly, being provided with apertures to receive the shafts of said rollers. These rollers may either be of a solid flexible material, such as rubber, (except for the shaft,) or they may be composed of wood, in which instance it is preferable to provide a covering of rubber or other like flexible material. Rubber possesses especial advantages in that it prevents scratching of the support on which the carriage is mounted, does not slip if the carriage is upon a smooth support, and is practically noiseless. It will be obvious that small wheels could be employed in lieu of the rollers, in which case it is preferable to have a rubber tire on same.

In order that the book may be held in the open position upon the frame or the carriage in the manner shown in dotted lines in Fig. 1, we provide the one side rail or bar with clamps 6 and the other side rail or bar with clamps 7.

The clamp 6 may be made from a single strip of metal, as shown, bent to form two legs and the vertical connecting-bar, the one leg being longer than the other and countersunk in the upper face of the side rail or bar with its upper face flush with the upper face of said side rail or bar, while the other leg engages over the pages of the book at the top thereof and holds said book open. The clamps 7 are substantially U shape to receive the lower edge of the open book between them, and these

clamps are preferably swiveled to a set-screw 8, that operates in a bracket 9, countersunk in the upper face of the lower side rail of the frame. We prefer to swivel these clamps 7 to the set-screws 8, so that they may be swung to different angles in order to more effectually engage and hold the book in the open position.

In working on large books it is necessary that the operator either reach a great distance either to one side or the other to complete a line on one of the pages or has to move his position or else move the position of the book, any of which is not only inconvenient, but tiresome as well to the operator. With our improved carriage the same, together with the book, is readily shifted on the desk or other support by the hands or arms of the operator, enabling him to readily bring the portion of the book desired before him practically without effort and not necessitating the change of his position.

While we have herein shown and described a practical embodiment of our invention as we have practiced the same, yet it will be observed that various changes may be made in the details of construction without departing from the general spirit of our invention.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a device of the character described, the combination with a frame comprising end, side and intermediate rails, the said rails presenting a level surface and adapted to support a book, of downwardly-projecting brackets secured to the said side rails at points throughout their lengths, having their tops flush with the upper face of the said frame, and provided with apertures, rollers journaled in the said apertures, the said rollers lying in a plane below the bottom of the said frame, and book-clamping means arranged on the upper face of the said frame, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

JOB C. GOODMAN.
FRED J. WURTELE.

Witnesses:
ROBERT MILLER,
ALEX NISBET.