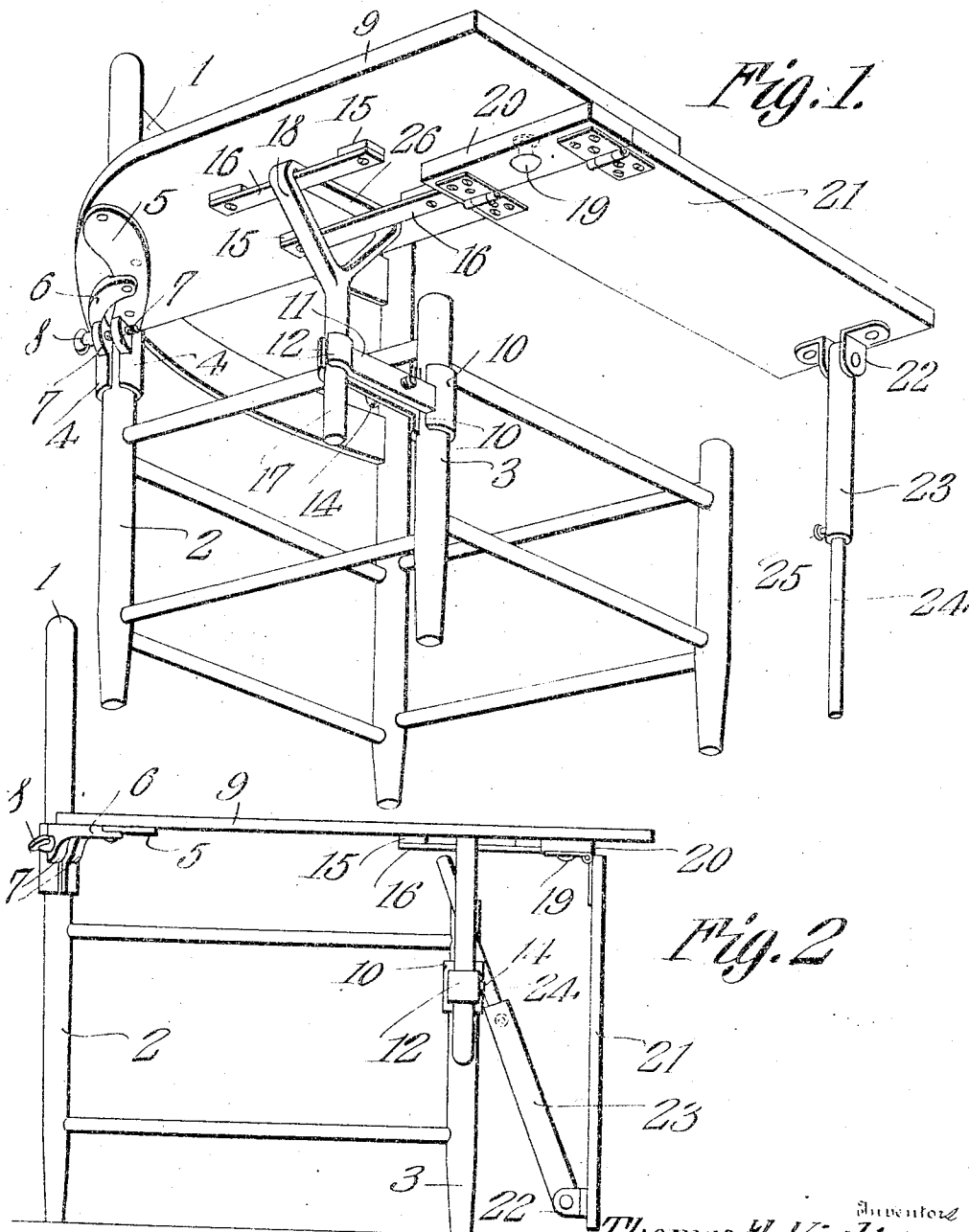


T. E. VICKERS & A. L. HENRY.
DETACHABLE BOOK REST FOR CHAIRS.

APPLICATION FILED APR. 9, 1909.

939,764.

Patented Nov. 9, 1909.



Witnesses

E. J. [Signature]
Mason B. Lawton

Inventors
Thomas E. Vickers
Albert L. Henry
By *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

THOMAS E. VICKERS AND ALBERT L. HENRY, OF WRIGHTSVILLE, GEORGIA

DETACHABLE BOOK-REST FOR CHAIRS.

939,764.

Specification of Letters Patent.

Patented Nov. 9, 1909.

Application filed April 9, 1909. Serial No. 488,973.

To all whom it may concern.

Be it known that we, THOMAS E. VICKERS and ALBERT L. HENRY, citizens of the United States, residing at Wrightsville, (R. F. D. No. 2,) in the county of Johnson, State of Georgia, have invented a new and useful Detachable Book-Rest for Chairs, of which the following is a specification.

The objects of the invention are, generally, the provision in a merchantable form, of a device of the class above mentioned which shall be inexpensive to manufacture, facile in operation and devoid of complicated parts; specifically, the provision of an arm-board adapted to be assembled with a chair; of novel means for supporting the said arm-board upon chairs of different dimensions; of a lap-board and a leg therefor, adapted to be assembled with the arm-board; the lap-board and the leg being arranged to be housed in a novel and improved manner when not in use; other and further objects being made manifest hereinafter as the description of the invention progresses.

The invention consists in the novel construction and arrangement of parts herein-after described, delineated in the accompanying drawings and particularly pointed out in that portion of this instrument wherein patentable novelty is claimed for certain distinctive and peculiar features of the device, it being understood that, within the scope of what hereinafter thus is claimed, divers changes in the form, proportions, size and minor details of the structure may be made without departing from the spirit or sacrificing any of the advantages of the invention.

Similar numerals of reference are employed to denote corresponding parts throughout the several figures of the drawings.

In the accompanying drawings, Figure 1 shows my invention in perspective, and Fig. 2 is a side elevation thereof, the lap-board being dropped into depending position, and the leg which supports the lap-board, being housed beneath the arm-board.

In carrying out our invention we provide, primarily, a pair of support-engaging clamps, one of which is adapted to engage the rear leg 2 of a chair 1, the other being adapted to engage the front leg 3 thereof. The clamp which is adapted to be assembled with the rear leg of the chair comprises a pair of jaws 4. One of these jaws is pro-

vided at its upper extremity with an arm 5, radially disposed, and arranged to serve as a support for the arm-board 9 with which it is rigidly assembled. The other of the jaws 4 is provided with an arm 6 which is pivotally connected with the arm 5. The jaws 4 are trough-shaped in order that they may readily engage the leg of the chair, and are provided adjacent their contacting edges with outwardly extending lugs 7 apertured in alinement to receive a set-screw 8 whereby the jaws may be clamped upon the chair. The clamp which is arranged to be assembled with the front leg of the chair comprises a pair of separable members having at one end, cooperating jaws 10 arranged to engage the leg of the chair and at the other end having cooperating jaws 12 adapted to receive a standard 17. The jaws 10 and 12 are connected by straight arms 11. A set-screw 14 is passed transversely through the portions 11 and serves to assemble the parts of the clamp with each other, and to cause the said clamp to exercise its holding function.

Mounted upon the lower face of the arm-board 9 are parallel guide plates 16 spaced from the lower surface of the arm-board 9 by blocks 15, which, if desired, may be fashioned integral with the said guide plates.

The standard 17 comprises a straight shank adapted to be received between the jaws 12 of the clamp which is assembled with the front leg of the chair. The standard terminates at its upper extremity in a Y shaped head 18, the extremities of the head being connected by a straight bar 26. This head 18 is adapted to slide upon the guide plates 16 longitudinally of the arm-board 9 in order that the device may be mounted upon chairs of different dimensions. The guide plates 16, while thus permitting a sliding movement of the standard 17 upon the arm-board 9 are so positioned within the head 18, contacting with it at its lateral extremities, as to steady the standard 17 upon the arm-board and to hold the said arm-board against lateral movement in a horizontal plane which might tend to break the hold of the jaws 4 upon the rear leg of the chair and to mar and injure the same.

The forward extremity of the arm-board 9 extends outward beyond the front of the chair, as clearly shown in Fig. 2 and this extended portion is provided with a supporting element 19 upon which is pivoted, inter-

mediate its ends, a cross-piece 20. To this cross-piece 20 is hinged a lap-board 21 adapted to extend across the front of the chair. Adjacent the free extremity of the lap-board 21 and upon the lower surface thereof are mounted ears 22 between which is pivoted a leg arranged to support the lap-board when the device is in the position shown in Fig. 1. This leg comprises a tubular member 23 within which is telescoped the lower extremity 24 of the leg. This telescoping leg enables the device to be used upon chairs of different heights, and to be applied at different heights upon the same chair, the portions 23 and 24 of said leg being maintained in the desired position, after adjustment, by means of a set screw 25 which is carried by the lower extremity of the tubular portion 23. It is obvious, that the lap-board 21 may be swung laterally upon the supporting element 19 to enable the occupant of the chair to leave the same, and when it is desired to discontinue the use of the lap-board, the same may be dropped into the depending position shown in Fig. 2, beneath the arm-board 9, the leg being up-turned, its extremity resting between the front leg 3 of the chair and the standard 17, upon the portion 11 of the clamp which unites those members.

The device presents in a simple and compact form, a desk adapted to be used to support reading matter and writing materials. It may be readily applied to any common form of chair, and may quickly be extended for use, as shown in Fig. 1, or housed, when in use, as shown in Fig. 2.

Having thus described the invention, what we claim as new and desire to protect by Letters Patent is:—

1. A device of the class described comprising a pair of support-engaging clamps; an arm-board terminally assembled with one of said clamps; and a depending standard permanently assembled with the arm-board and adjustable thereon longitudinally of the

arm-board, the standard being engageable by the other of said clamps.

2. A device of the class described comprising a pair of support-engaging clamps; an arm-board terminally assembled with one of said clamps; a guide plate mounted longitudinally of the arm-board upon the lower face thereof and spaced therefrom; and a standard arranged to be engaged by the other of said clamps, and having a head to engage and to slide upon the guide plate.

3. A device of the class described comprising a pair of support engaging clamps; an arm-board terminally assembled with one of said clamps; a depending standard permanently assembled with the arm-board and adjustable thereon longitudinally of the arm-board, the standard being engageable by the other of said clamps; a lap-board swiveled to one end of the arm-board; and a telescoping leg hinged to the free extremity of the lap-board.

4. A device of the class described comprising a pair of support-engaging clamps; an arm-board terminally assembled with one of said clamps; a depending standard permanently assembled with the arm-board and adjustable thereon longitudinally of the arm-board, the standard being engageable by the other of said clamps; a lap-board swiveled upon one end of the arm-board; and a leg hinged to the free end of the lap-board; the lap-board being tiltable into depending position beneath the arm-board and the leg being engageable by the standard-supporting clamp when the lap-board is in depending position.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures in the presence of two witnesses.

THOMAS E. VICKERS.
ALBERT L. HENRY.

Witnesses:

J. T. FERGUSON,
R. B. BRYAN.