

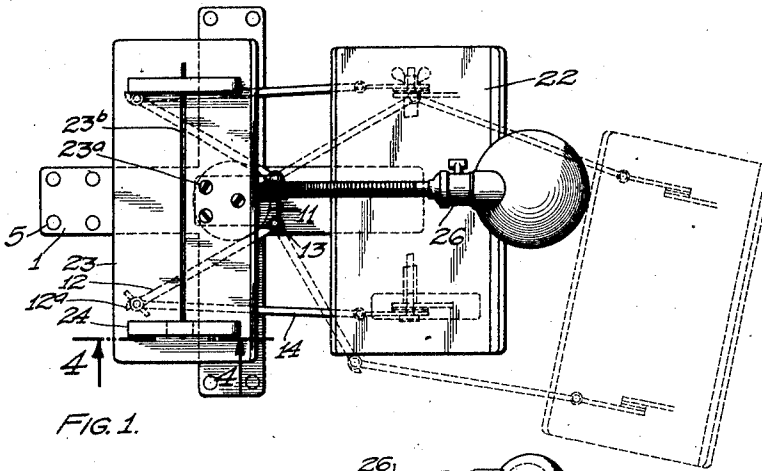
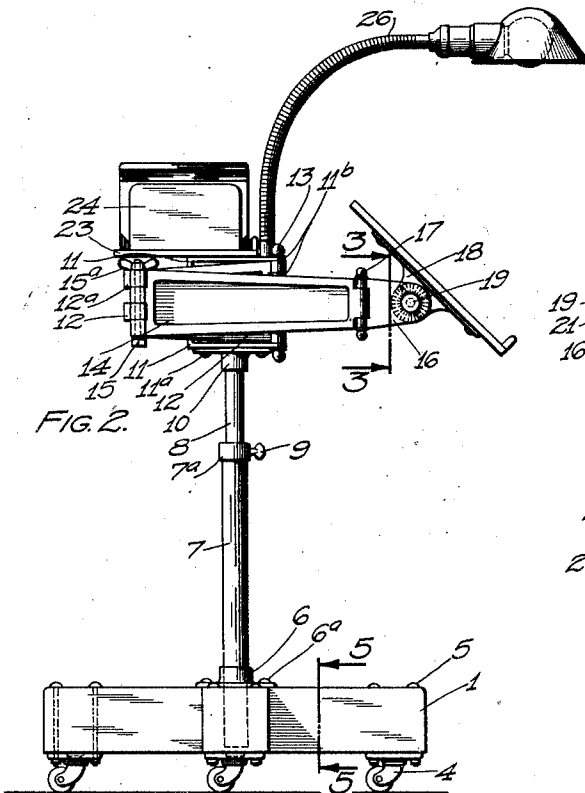
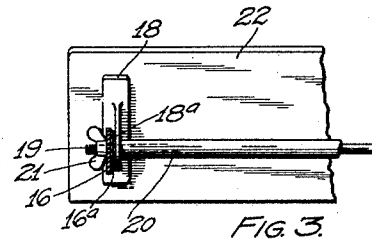
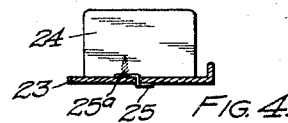
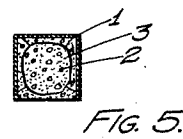
May 14, 1929.

J. DIERKS

1,712,814

READING DESK

Filed June 12, 1922



INVENTOR.
JOHN DIERKS.

BY *A. B. Bourman*
ATTORNEY

UNITED STATES PATENT OFFICE.

JOHN DIERKS, OF LOS ANGELES, CALIFORNIA.

READING DESK.

Application filed June 12, 1922. Serial No. 567,615.

My invention relates to desks, particularly to portable reading desks, and the objects of my invention are: first, to provide a desk of this class in which the desk portion may be variously shifted and positioned outwardly and laterally with relation to its support; second, to provide a desk of this class in which the desk may be adjusted at any convenient angle with the horizontal; third, to provide a desk of this class which may be variously positioned vertically with relation to its base; fourth, to provide a desk of this class with an adjustable novel constructed book rack in connection therewith; fifth, to provide an adjustable lamp in connection with said desk; sixth, to provide a device of this class with novel outward and lateral desk shifting means; seventh, to provide a novel constructed base member, and eighth, to provide a desk of this class which is very simple and economical of construction, durable, portable, efficient, readily adjustable and which will not readily deteriorate or get out of order.

With these and other objects in view as will appear hereinafter my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claim reference being had to the accompanying drawings and to the characters of reference thereon which form a part of this application in which:

Figure 1 is a plan view of my desk with the desk portion thereof slightly extended outwardly and showing by dotted lines said desk portion extended farther outwardly and shifted laterally. Fig. 2 is a side elevational view thereof. Fig. 3 is a fragmentary sectional view taken at 3—3 of Fig. 2 showing the means of supporting the desk portion relatively to the shiftable supports. Fig. 4 is a sectional view taken through 4—4 of Fig. 1 and Fig. 5 is a sectional view taken through 5—5 of Fig. 2.

Like characters of reference refer to similar parts and portions throughout the several views of the drawings.

The cross shaped base frame 1, plastic filler 2, reinforcement 3, casters 4, bolts 5, floor flange 6, upright tube members 7 and 8, wing screw 9, floor flange 10, support 11, hinged members 12, bolts 13, hinged members 14, bolts 15, hinge members 16, bolts 17, brackets 18, bolts 19, spacer 20, wing nuts

21, desk member 22, book shelf 23, book ends 24, book and retaining clips 25 and the adjustable lamp 26, constitute the principal parts and portions of my desk structure.

The base consists of a cross shaped inverted trough-like frame filled with a heavy hardening plastic material 2, preferably concrete reinforced by mesh chicken wire 3. Said base member is provided on the lower side with revoluble casters 4 secured to said base by the bolts 5, which are preferably cast in the base. Said base member is provided at the central portion of its upper face with the floor flange 6 secured to said base member by the bolts 6^a extending therethrough. A tube member 7 is mounted in the floor flange 6 and extends upwardly therefrom or tube No. 7 may be anchored in the plastic material No. 2. Said tube member is provided at its upper end with a pipe reducer 7^a, which is provided with a wing screw 9 extending therethrough and through said tube member 7. A smaller tube member 8 is telescopically mounted in the tube member 7 and is secured therein by the wing screw 9. On the upper end of the tube member 8 is mounted a floor flange 10, on the upper face of which is mounted a support 11 secured to said floor flange by the bolts 11^a. Said support 11 is box shaped, provided with a central web and provided at its forward end with lugs 11^b extending through either side thereof adapted to receive between said lugs the lug portions of the hinged members 12, which members 12 are pivotally mounted in the support 11 by the bolts 13. Pivotal mounted on the free ends of the hinged members 12 are the hinged members 14 secured to the former by the bolt 15. The hinged members 12 and 14 are provided at their connected ends with pairs of spaced apart bosses or hinge portions which are positioned intermediate each other in such a manner that the head of the bolt 15 engages the hinge portion of one hinged member, while the wing nut 15^a, secured to the opposite end of the bolt, engages a hinge portion of the other hinged member, said bolt and wing nut being adapted to hold and clamp said hinged members from being shifted readily relative to each other. The hinged members 12 are provided at their free ends with outwardly extending lugs 12^a adapted to engage the hinged member 14 mounted therein and prevent the free ends of the hinged members 12

from swinging too close or interfering with each other. Other hinge members 16 are pivotally mounted in the other ends of the hinged members 14 and secured to each other by the bolt 17. The hinge members 16 are provided at the inside face of their other end with a plurality of radial notches 16^a adapted to engage similar notches 18^a on the outside faces of the brackets 18 which are secured and adapted to support the desk member 22. The bolt 19 is inserted through holes in the hinge members 16 and the brackets 18 on the under side of the desk member, permitting the desk member to be pivotally mounted with relation to the horizontal plane of the swinging hinge members. A tube spacer 20 is inserted between the inside faces of the bracket 18 over the bolt 19 and a wing nut 21 is provided on the threaded end of the bolt 19 adapted to clamp the radially notched hinge members 16 against their respective brackets 18.

The book shelf 23 is secured to the upper face of the support 11 by the screws 23^a and extends substantially in the same direction as the reading desk member. Said book shelf 23 is provided with a longitudinal slot 23^b approximately at the middle portion and extending near to either end thereof. Said book shelf is provided with book ends 24 which are provided at the middle portion of their lower edges with Z-shaped clips 25 secured to said book ends by screws 25^a. It will be here noted that the book shelf 23 is preferably made of some resilient material so that the edges making the slot 23^b may be readily sprung or offset to permit the clip 25 to be inserted in said slot and to be retained by the book shelf 23. An adjustable lamp 26 as conventionally used on various desks is supported on the support 11 and adapted to illuminate the desk portion in whatever position it may be shifted.

Though I have shown and described a particular construction, combination and arrangement of parts and portions I do not wish to be limited to this particular construction, combination and arrangement but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the appended claims.

It is obvious that with this construction there is provided a desk in which the desk portion may be variously shifted and positioned outwardly and laterally with relation to its support; that the desk portion may be adjusted at any convenient angle with the horizontal; that the desk may be variously positioned vertically with relation to its base; that there is provided a novelly constructed base; that there is provided a novelly constructed book rack and that there is provided an adjustable lamp in connection with the desk which will illuminate the desk portion in whatever position it is shifted.

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

In a portable reading desk, the combination of a desk member provided with a pair of radially notched downwardly extending brackets secured to the under side thereof, a pair of hinge members, each being frictionally and pivotally secured to one of the brackets of said desk member, a support, and other hinge members pivotally connected to said first mentioned hinge members and to said support on vertical axes whereby the desk may be moved outwardly or laterally with respect to its support.

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 2d day of June, 1922.

JOHN DIERKS.