D. J. PETROW.

CHAIR.

APPLICATION FILED MAY 26, 1914.

1,178,749.

Patented Apr. 11, 1916.

2 SHEETS—SHEET 1.

Fig 1.

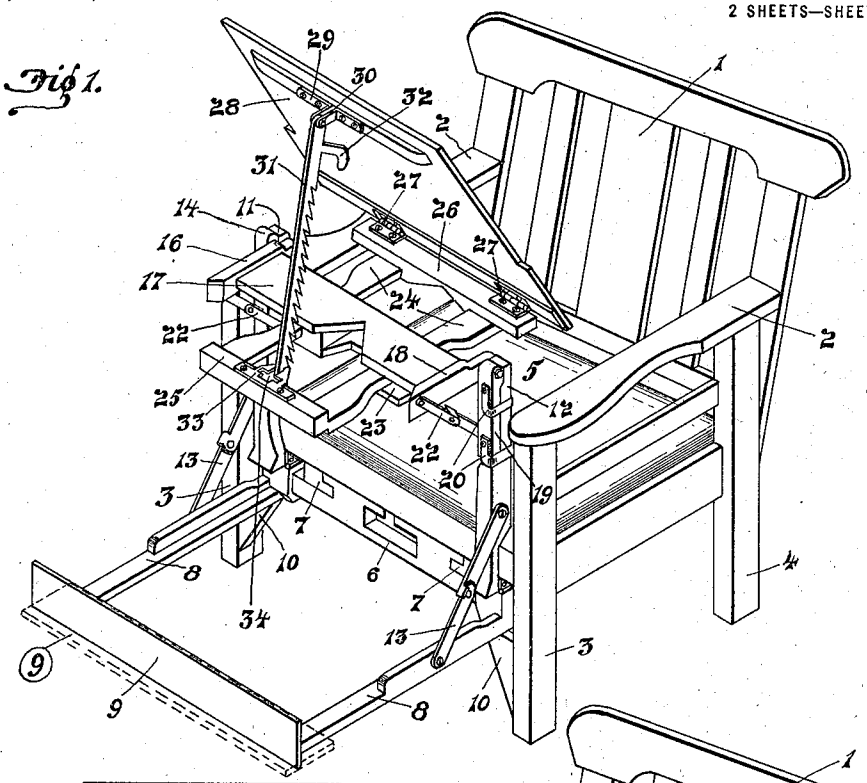
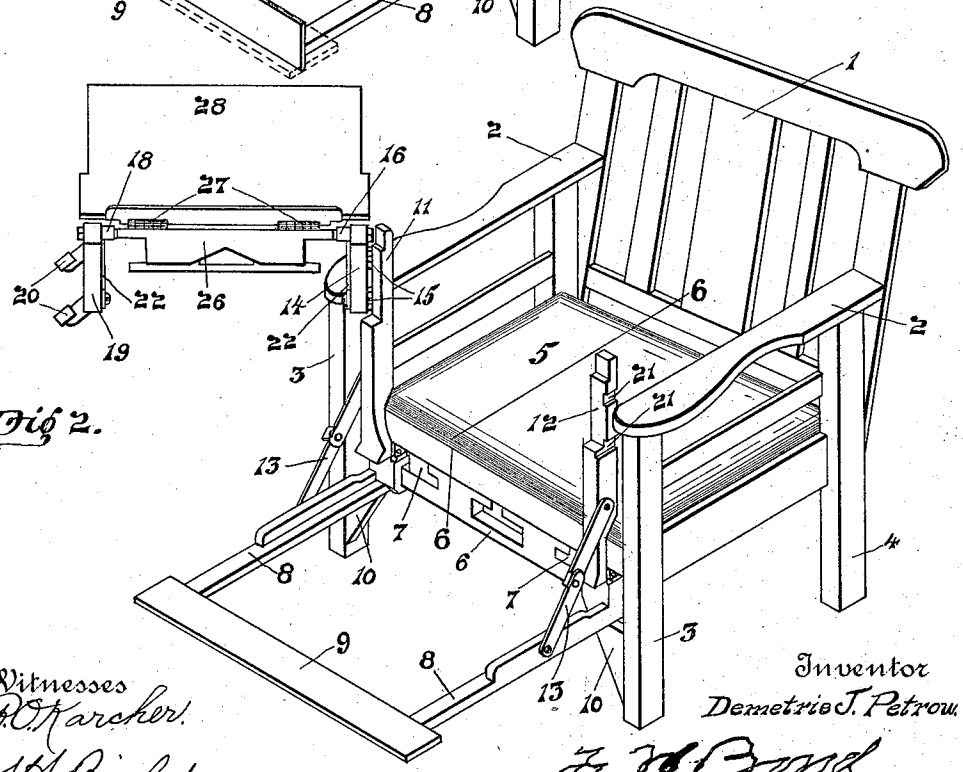


Fig 2.



Witnesses

R. O. Karcher.

J. A. Bishop

Inventor

Demetrios J. Petrow.

by Howard

Attorneys

THE COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

D. J. PETROW.

CHAIR.

APPLICATION FILED MAY 26, 1914.

1,178,749.

Patented Apr. 11, 1916.

2 SHEETS—SHEET 2.

Fig. 3.

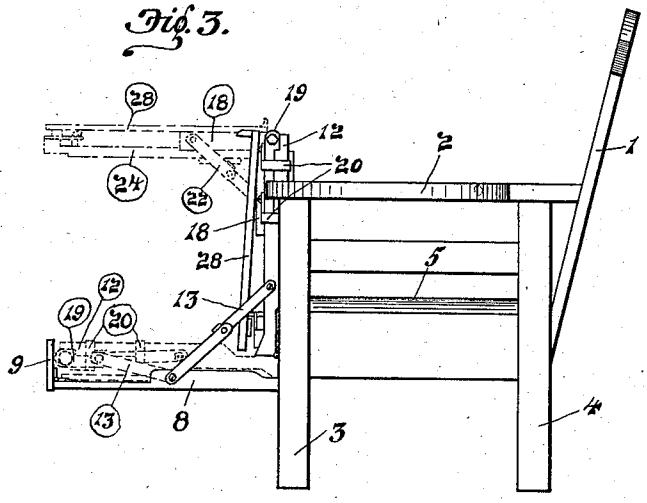


Fig. 4.

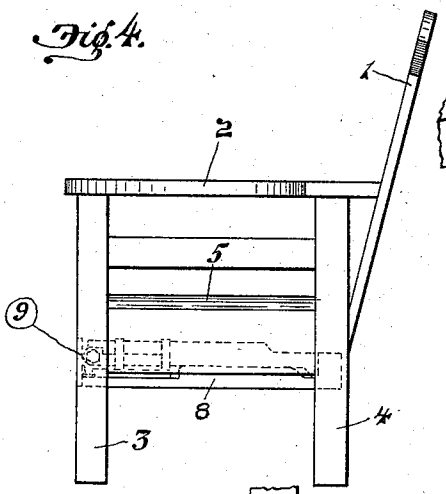


Fig. 5.

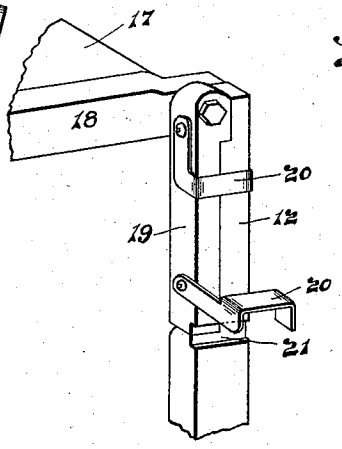
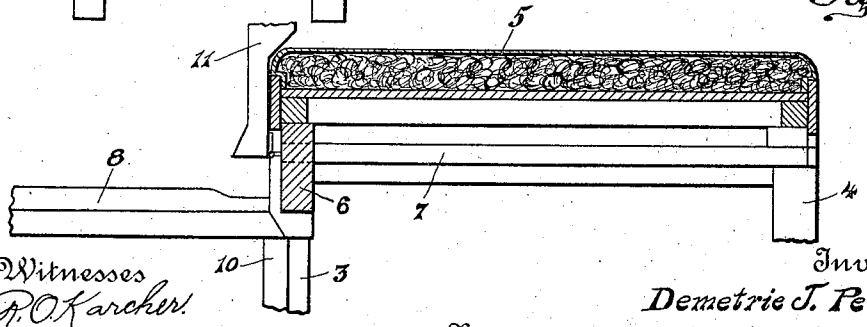


Fig. 6.



Witnesses
P. O. Karcher.
J. W. Bishop.

Inventor
Demetrie J. Petrow.
By H. H. Ford
Attorneys

THE COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

DEMETRIE J. PETROW, OF CANTON, OHIO.

CHAIR.

1,178,749. Specification of Letters Patent. Patented Apr. 11, 1916.

Application filed May 26, 1914. Serial No. 841,000.

To all whom it may concern:

Be it known that I, DEMETRIE J. PETROW, a subject of the Emperor of Austria-Hungary, residing at Canton, in the county of Stark and State of Ohio, have invented a new and useful Chair, of which the following is a specification.

My invention relates to chairs provided with a table and foot rest and more particularly to this class of chairs in which the table and foot rest may be folded up and entirely concealed beneath the seat.

Chairs such as are referred to in the present instance are more particularly adapted for the use of invalids and children, although they may be used in a number of other cases where it is desired to have a table or a reading desk and a foot rest provided upon the chair.

The object of my invention is to provide a chair of the character referred to in which the table and foot rest may be folded together and concealed beneath the seat.

Another object is to provide such a chair in which the table or desk portion is supported upon the foot rest support.

A further object is to provide such a chair of simple and durable construction which will present the appearance of an ordinary chair when the table and foot rest are folded away out of use.

With these and other objects in view the invention consists in the novel construction and arrangement of parts, hereinafter described, illustrated in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that various changes in the form, proportions, size and minor details of construction may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings: Figure 1 is a perspective view of my chair showing the table and foot rest adjusted for use. Fig. 2 is a similar view showing the table swung around to permit access to the chair. Fig. 3 is a side elevation showing the table partially folded preparatory to removing the same, the dotted lines showing the table completely folded upon the foot rest. Fig. 4 is a view similar to Fig. 3 showing the table and foot rest entirely concealed beneath the seat of the chair. Fig. 5 is a fragmentary perspective view showing the means of detachably connecting the table to one of the uprights. Fig. 6 is a sectional view taken on line 6—6, Fig. 1.

Similar numerals of reference indicate corresponding parts throughout the several figures of the drawings.

Referring to the drawings an arm chair of usual construction is shown provided with a table and foot rest constructed in accordance with my invention. The back of the chair is designated by the numeral 1 and the usual arms 2, front and rear legs 3 and 4 respectively, and seat 5 are shown, all of which may be of any suitable or desirable construction and form no particular part of the present invention except in that it is necessary that some form of a chair be used. Both the table and the foot rest are supported from the sliding head 6 which is slidably mounted upon the rails 7 located beneath the seat. Rigidly connected to the head 6 is a pair of supporting arms 8 upon the outer extremity of which is hingedly connected the foot rest 9. The arms 8 are at all times supported upon the blocks 10 provided upon the front legs of the chair. Hingedly connected to the head 6 is a pair of uprights 11 and 12 which are supported in an upright position by means of the jointed links 13 connected to the supporting arms 8. A short post 14 is hinged at 15 to the upright 11 to which post is pivotally connected one arm 16 of the table support 17, the opposite arm 18 of said support being pivotally connected to the post 19 which carries the clips 20 by which said post is detachably connected to the upright 12, suitable notches 21 being provided in the upright to accommodate the clips.

The table supporting member is held in horizontal position by means of the jointed links 22 which are constructed the same as the links 13 and connect the post 19 and arm 18 on one side and the post 14 and the arm 16 on the opposite side of the supporting member. Slidably mounted within slots 23 within the supporting member 17 is a frame which carries the table proper, said frame being composed of the sliding bars 24 and front and rear tie-bars 25 and 26 respectively. Connected to the rear tie-bar 26 by means of suitable hinges 27 is the table 28 upon the lower side of which is attached a bracket 29 to which is pivoted at 30 a rack bar 31 provided near the pivotal point with a hook 32, the bar engaging a bracket 33 located upon the forward tie-bar

25 of the sliding frame. By this construction the table 28 may be adjusted at any angle desired by the occupant; it may be set in the position shown in Fig. 1 to be used as a reading desk or it may be lowered into a horizontal position upon the supporting member 17 (such as shown in dot and dash lines Fig. 3) to be used as a writing desk or for any similar purpose. When the table is in the position just described, the rack bar 31 will be folded up beneath the supporting member 17 and in a position parallel to the table 28, the hook 32 thereon being located within the slot 34 of the bracket 33 thus holding the rack bar in position.

Upon entering or leaving the chair the clips 20 are disengaged from the upright 12 and the entire desk portion is swung, to one side upon the hinges 15, as shown in Fig. 2, thus allowing any one to enter or leave the chair. The foot rest 9 may be used either in the position shown in Fig. 1 or it may be turned.

When the table and foot rest are not in use they may be folded together and slidably mounted beneath the seat of the chair where they are concealed from view thus transforming the chair into an ordinary arm chair. The table is first lowered into the position shown in dot and dash lines in Fig. 3, as hereinbefore described after which the links 22 are closed, moving the entire table and table supporting frame into a vertical position as shown in full lines in Fig. 3 after which the links 13 are closed thus bringing the entire structure into folded position as shown in dotted lines in the same figure upon the sliding frame composed of the supporting arms 8 and sliding head 6. The movable parts thus folded are then slidably moved back beneath the seat as shown in Fig. 4 of the drawings, the foot rest 9 forming a part of the box of the seat.

Although my invention has been described and illustrated as being best adapted to be applicable to either an invalid's chair or a child's chair it would be understood that there are a great many other uses to which it might be applied. The table would be very useful to artists and the like where it is necessary to have a table held at an angle in front of the operator. It is to be further understood that although the drawings show the device applied to an ordinary arm chair that the particular form of chair used is immaterial it being applicable to a rocker or in fact to any form of chair.

Although the drawings and above specification disclose the best mode in which I have contemplated embodying my invention I desire to be not limited to the details of such disclosure, for, in the further practical application of my invention, many changes in form and construction may be made, as circumstances require or experience suggests, without departing from the spirit of the invention, within the scope of the appended claims.

I claim:

1. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, supporting arms rigidly connected to said sliding head, uprights hingedly connected to said sliding head, means connecting said arms and uprights for holding the latter in vertical position, a table doubly hingedly connected to one of said uprights and means for detachably pivotally connecting said table with the other of said uprights.

2. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, supporting arms rigidly connected to said sliding head, uprights hingedly connected to said sliding head, means connecting said arms and uprights for holding the latter in vertical position, a table supporting member doubly hingedly connected with one of said uprights, a table mounted upon said table supporting member and means for detachably pivotally connecting said table supporting member with the other of said uprights.

3. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, supporting arms rigidly connected to said sliding head, uprights hingedly connected to said sliding head, means connecting said arms and uprights for holding the latter in vertical position, a table supporting member doubly hingedly connected to one of said uprights, a sliding frame carried by said table supporting member, a table mounted upon said sliding frame and means for detachably pivotally connecting said table supporting member with the other of said uprights.

4. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, supporting arms rigidly connected to said sliding head, uprights hingedly connected to said sliding head, means connecting said arms and uprights for holding the latter in vertical position, a table supporting member doubly hingedly connected to one of said uprights, a sliding frame carried by said table supporting member, a table mounted upon said sliding frame, means for adjusting the angle of said table with relation to said sliding frame and means for detachably pivotally connecting said table supporting member to the other of said uprights.

5. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, supporting arms rigidly connected to said sliding head, uprights hingedly connected to said sliding

head, means connecting said arms and uprights for holding the latter in vertical position, a table supporting member doubly hingedly connected to one of said uprights, a sliding frame carried by said table supporting member, a table mounted upon said sliding frame, and a rack bar pivotally connected to said table and adapted to engage a bracket carried by said sliding frame, and means for detachably pivotally connecting said table supporting member to the other of said uprights.

6. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, supporting arms rigidly connected to said sliding head, uprights hingedly connected to said sliding head, means connecting said arms and uprights for holding the latter in vertical position, a post hingedly connected to one of said uprights, a table hingedly mounted upon said post, and means for temporarily pivotally connecting said table to the other of said uprights.

7. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, uprights hingedly connected to said sliding head, means for normally holding said uprights in a vertical position, a post hingedly connected to one of said uprights, a table supporting member pivotally carried by said post, said table supporting member adapted to be pivotally supported by the other of said uprights, and a table slidably mounted upon said table supporting member.

8. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, a foot rest supported by said sliding head, uprights hingedly connected to said sliding head, means for normally holding said uprights in a vertical position, a post hingedly connected to one of said uprights, a table supporting member pivoted upon said post, means for temporarily pivotally connecting said table supporting member to the other of said uprights, a sliding frame mounted upon said table supporting member and a table adjustably mounted upon said sliding frame.

9. In a chair, the combination of a seat, rails located beneath said seat, a sliding head mounted upon said rails, a foot rest supported from said sliding head, uprights hingedly carried by said sliding head, means for normally holding said uprights in a vertical position, a post hingedly connected to one of said uprights, a table supporting member pivoted upon said post, a frame slidably mounted upon said table supporting member, a table carried by said sliding frame and means for detachably and pivotally connecting said table supporting member to the other of said uprights.

10. In a chair, the combination of a seat, rails mounted beneath said seat, a sliding head mounted upon said rails, supporting arms carried by said sliding head, uprights hingedly carried by said sliding head, means connecting said arms and uprights for holding the latter in vertical position, a post hingedly connected to one of said uprights, a table supporting member pivotally mounted upon said post, means for temporarily pivotally connecting said table supporting member to the other of said uprights, a sliding frame mounted upon said table supporting member, a table hingedly connected to said sliding frame, a rack bar connected to said table and adapted to engage said sliding frame.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

DEMETRIE J. PETROW.

Witnesses:
JOHN H. BISHOP,
SYLVIA BORON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."