

I. HOFFMAN.
 CONVERTIBLE CHAIR AND TABLE.
 APPLICATION FILED MAR. 20, 1911.

1,002,694.

Patented Sept. 5, 1911.

3 SHEETS—SHEET 1.

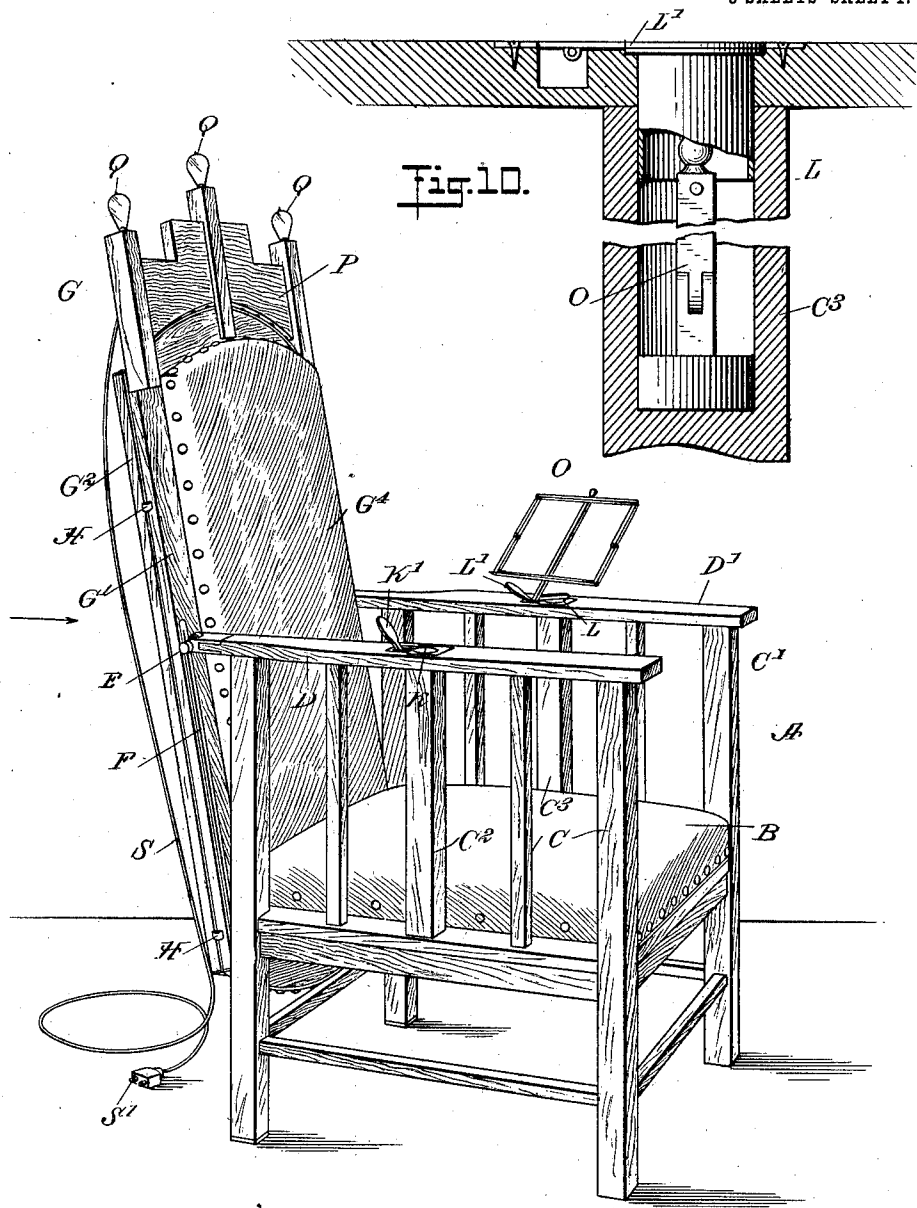


Fig 1.

WITNESSES:

Wm. H. H. H.
Wm. H. H. H.

INVENTOR
 Israel Hoffman
 BY *M. H. H.*
 ATTORNEYS

I. HOFFMAN.
 CONVERTIBLE CHAIR AND TABLE.
 APPLICATION FILED MAR. 20, 1911.

1,002,694.

Patented Sept. 5, 1911.

3 SHEETS—SHEET 2.

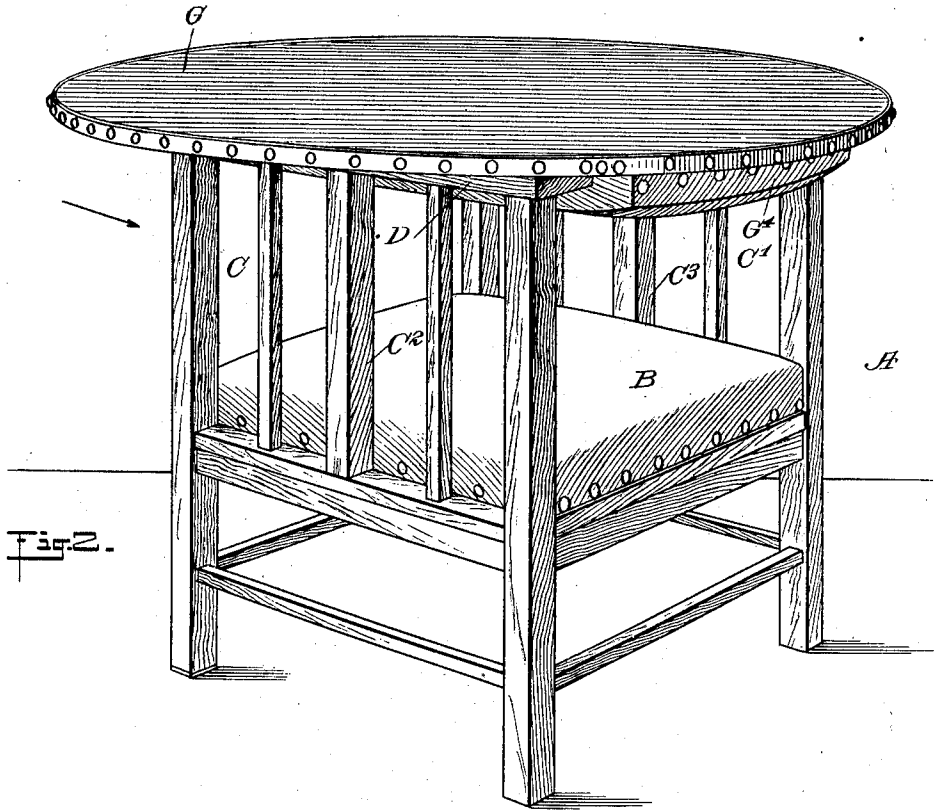


Fig. 2.

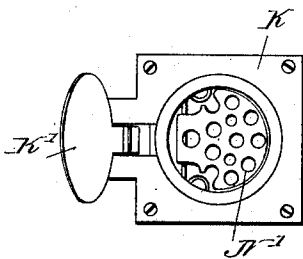


Fig. 8.

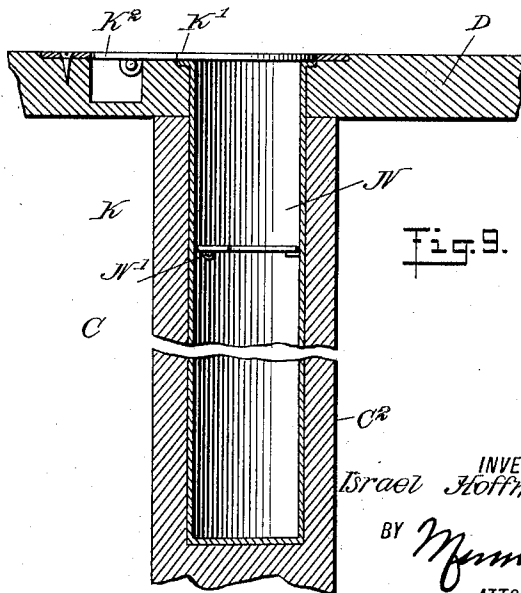


Fig. 9.

WITNESSES:

Wm. H. Wood
Rev. J. Wood

INVENTOR
 Israel Hoffman

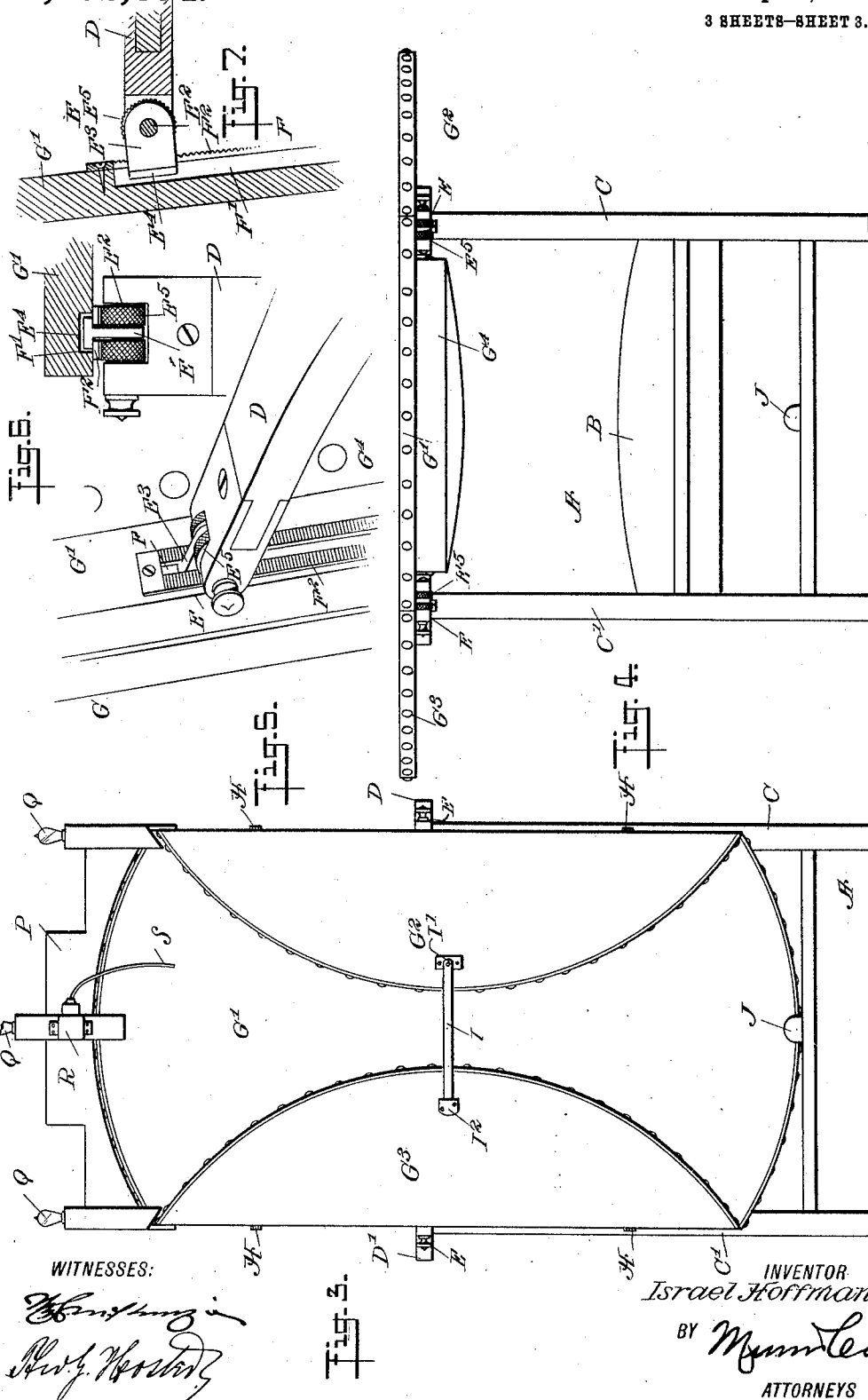
BY *Wm. H. Wood*
 ATTORNEYS

I. HOFFMAN.
 CONVERTIBLE CHAIR AND TABLE.
 APPLICATION FILED MAR. 20, 1911.

1,002,694.

Patented Sept. 5, 1911.

3 SHEETS—SHEET 3.



WITNESSES:

Wm. H. Hoffman
Wm. H. Hoffman

Fig. 3.

INVENTOR
Israel Hoffman
 BY *Mumfles*
 ATTORNEYS

UNITED STATES PATENT OFFICE.

ISRAEL HOFFMAN, OF NEW YORK, N. Y.

CONVERTIBLE CHAIR AND TABLE.

1,002,694.

Specification of Letters Patent.

Patented Sept. 5, 1911.

Application filed March 20, 1911. Serial No. 615,661.

To all whom it may concern:

Be it known that I, ISRAEL HOFFMAN, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Convertible Chair and Table, of which the following is a full, clear, and exact description.

10 The object of the invention is to provide a new and improved convertible chair and table, arranged to permit of conveniently and quickly changing the table into a chair and vice versa, and when in the form of a
15 chair a book rest is provided for reading purposes, electric lights for proper illumination of the reading matter, and a receiver for cigar or cigarette ashes, burned matches and the like.

20 For the purpose mentioned, use is made of a frame having horizontal arm rests, a chair seat, a combined chair back and table top provided with guideways and engaged by pivotal connections on the rear ends of
25 the arm rests, to permit of swinging the said combined back and table top onto the top of the said arm rests, to provide a table, or to swing it into position on the rear end of the frame to form a chair.

30 A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

35 Figure 1 is a perspective view of the convertible chair and table set up to form a chair; Fig. 2 is a like view of the same arranged as a table; Fig. 3 is a rear elevation of the convertible chair and table arranged as a chair; Fig. 4 is a rear elevation of the convertible chair and table arranged as a table; Fig. 5 is an enlarged perspective view of the pivotal connection between the arm rest and a corresponding guideway on the
40 combined chair back and table top; Fig. 6 is a sectional plan view of the same; Fig. 7 is a sectional side elevation of the same; Fig. 8 is an enlarged plan view of the ash receiver with the cover thereof in open position; Fig. 9 is a sectional side elevation of the same; and Fig. 10 is a sectional side elevation of the book rest in folded and concealed position.

45 A frame A supports a chair seat B, and the sides C, C' of the said frame project above the chair seat B and terminate at

their upper ends in horizontally-disposed arm rests D, D'. The rear ends of the arm rests D, D' have pivotal and sliding connections E with guideways F, arranged
60 on the combined back and table top G so as to rest on the arm rests D and D' to form a table as shown in Fig. 2, or to be supported at the rear of the frame A in an upwardly and rearwardly inclined position to
65 form a chair back, as plainly indicated in Fig. 1.

The combined chair back and table top G consists of a middle section G' and the side sections G², G³ connected by hinges H
70 with the sides of the middle sections G' so as to permit of extending the side sections G², G³ in alinement with the middle section G' whenever it is desired to form a table top, or to allow of swinging the side
75 sections G², G³ onto the rear face of the middle section G' when using the combined chair back and table top as a chair back, as indicated in Figs. 1 and 3. When the side sections G² and G³ are folded upon the
80 back of the middle section G' then they are locked in this folded position by the use of a cross bar I pivoted at I' on the said section G² and engaging with its free end a keeper I² on the other side section
85 G³, as is readily understood by reference to Fig. 3. The middle section G' is so arranged relative to the arm rests D, D' that when the combined chair back and table top rests on the arm rests D and D' then the section G' as well as the side sections G² and G³ are supported on the arm
90 rests D and D', the latter being of a sufficient width for that purpose, and the pivotal and sliding connections E and the guideways F are correspondingly arranged near the side edges of the middle section G'. The middle section G' is also provided with an upholstered portion G⁴ which extends
100 between the arm rests D and D' when using the device as a table, so that lateral motion of the table top on the frame A is prevented (see Fig. 4). When the combined chair back and table top G is used as a chair back then the lower end of the middle section G' is seated on a support J, secured to or forming part of the rear lower portion of the frame A.

The detailed construction of each of the connections E with the corresponding
110 guideway F is as follows, special reference being had to Figs. 5, 6 and 7: A trans-

verse pin E² is mounted on the rear end of the corresponding arm rest D or D', and on the pin E² is mounted to swing a plate E³ terminating in a head E⁴ extending in a groove F' formed in the middle section G' and covered by a slotted plate F² through which extends the plate E³ so that the plate E³ and its head E⁴ form a pivotal connection for the combined chair back and table top and at the same time provide a sliding connection to permit of moving the combined chair back and table top lengthwise over the arm rests D and D' until the table top is in central position relative to the frame A, as will be readily understood by reference to Figs. 1 and 4.

In order to facilitate the sliding movement of the table top on the arm rests D and D', use is made of friction rollers E⁵ journaled on the pin E² and arranged on opposite sides of the plate E³, the peripheral tops of the rollers E⁵ extending slightly above the upper surface of the corresponding arm rests D or D' so as to be engaged by the covering plate F² after swinging the chair back and table top G into horizontal position. The peripheral faces of the rollers E⁵ and the covering plate F² are preferably roughened, as indicated in Fig. 5, so as to prevent accidental slipping of the combined chair back and table top when moving the same into position as a table top or into position as a chair back. The middle posts C², C³ of the sides C, C' are preferably made hollow for containing tubular holders K and L, provided with hinged covers K' and L' normally flush with the upper surface of the arm rests D and D'.

The holder K is provided with a tubular shell N removably held in the post C² and provided a distance from the top with a hinged perforated plate N' to form a support for matches or the like, and to allow ashes from the cigars or cigarettes to drop down into the lower portion of the shell N.

The cover K' is provided with a finger piece K² at its rear end to allow the user of the chair to conveniently swing the cover K' into an open position whenever it is desired to do so.

The holder L is adapted to contain a foldable book rest O, of any approved construction, which when extended, as shown in Fig. 1, is supported on the top of the arm rest D' to support a book or other reading matter within convenient reading distance of the user of the chair. When the book rest is not in use, it is folded up and stored in the holder L so as to be completely out of the way, as will be readily understood by reference to Fig. 10.

When the combined chair back and table top G is used as a chair back, as indicated in Fig. 1, then use is preferably made of a removable head P removably held on the

upper end of the section G' by the use of dowels or other suitable means, and on the top of the head P are arranged electric lamps Q, electrically connected with a central casing R (see Fig. 3), from which extend the wires S terminating in a plug S' for connection with a source of electrical energy. Thus when the electricity is turned on and the lamps Q are lighted then a proper illumination is had of the reading matter supported on the book rest O or held in the hand of the user of the chair, to properly illuminate such reading matter.

From the foregoing, it will be seen that the piece of furniture can be readily converted from a chair into a table or vice versa, and when in the form of a chair provision is made for supporting the reading matter for illumination and for accommodating cigar or cigarette ashes, burned matches and the like.

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

1. A convertible chair and table, comprising a frame having arm rests and a seat, a combined chair back and table top provided with guideways, slotted plates covering said guideways, a transverse pin on the rear end of each arm rest, a plate mounted to swing on each of said pins and extending through the corresponding slotted plate, the said swing plates terminating in transversely extending heads slidably engaging the said guideways, and friction rollers journaled on the said transverse pins on opposite sides of the swing plates and adapted to be engaged by said slotted plates when the said chair back and table top is swung into horizontal position.

2. A convertible chair and table, comprising a frame having horizontal arm rests and a seat, a combined chair back and table top provided with grooves forming guideways, pivotal connections on the rear ends of said arm rests and slidably engaging the said grooves, friction rollers mounted to turn on the arm rests at opposite sides of the said pivotal connections, the said friction rollers having their peripheral faces roughened, and slotted plates covering said grooves and through which extend the said pivotal connections, the said slotted plates having their outer faces roughened and adapted to travel on the said friction rollers.

3. A convertible chair and table, comprising a frame having arm rests and a seat, a combined chair back and table top being provided with longitudinal guideways, slotted plates covering said guideways and having roughened outer faces, a transverse pin on the rear end of each arm rest, a plate mounted to swing on each of said pins and extending through the corresponding slotted plate, the said swing plates terminating in

transversely extending heads slidably engaging the said guideways, and friction rollers having their peripheral surfaces roughened and journaled on said transverse pins on
5 opposite sides of the swing plates, the said rollers having their peripheral surfaces extending above the upper surface of the corresponding arm rest, and adapted to be engaged by the plates covering said guide-

ways when the said chair back and table top 10 is swung into horizontal position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ISRAEL HOFFMAN.

Witnesses:

THEO. G. HOSTER,

PHILIP D. ROLLHAUS.

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