A. V. & W. H. JACKSON.

CHAIR ATTACHMENT.

APPLICATION FILED DEC. 14, 1908.

924,554. **Patented June 8, 1909.**

Fig. 1.

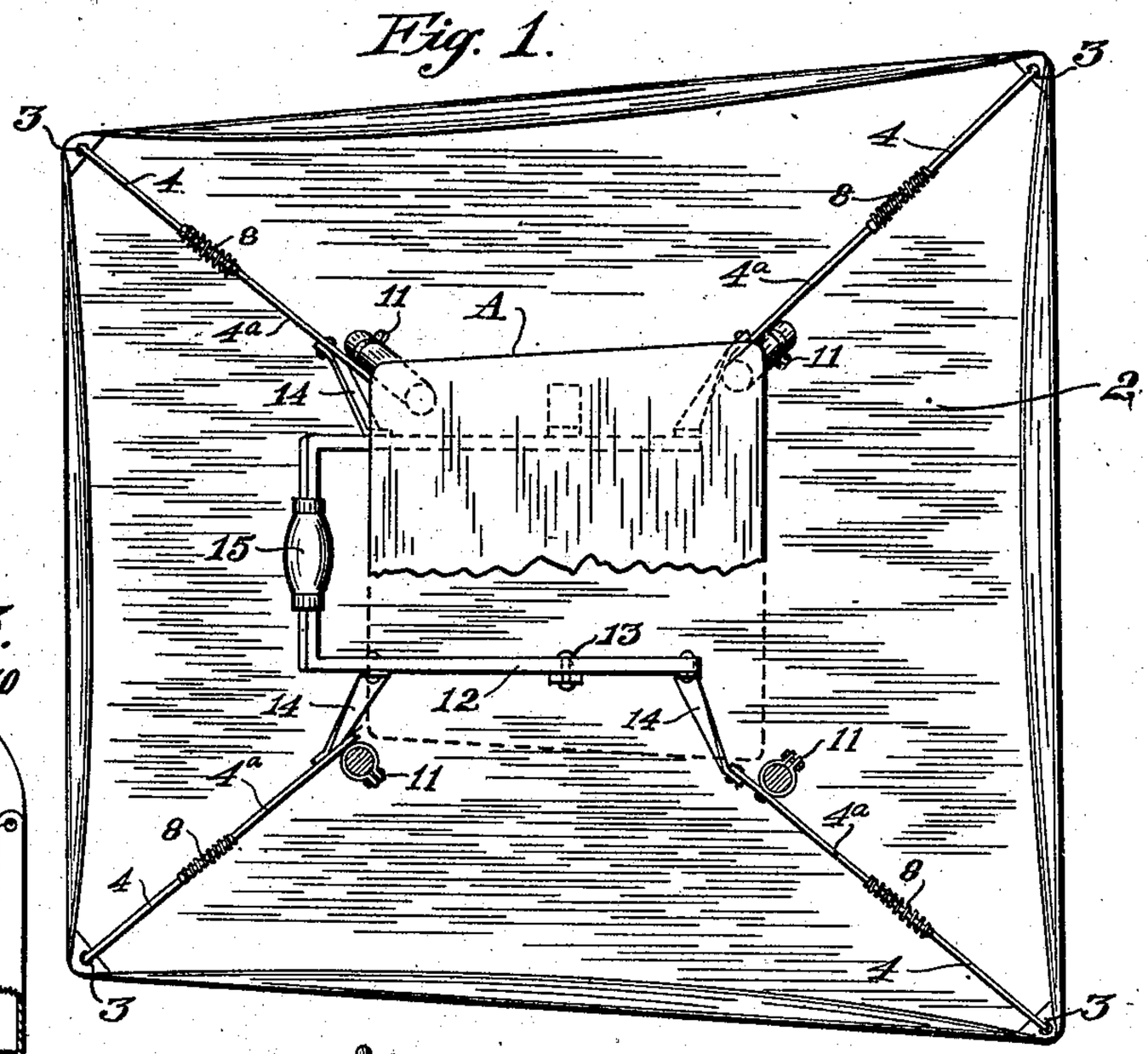

Fig. 3.

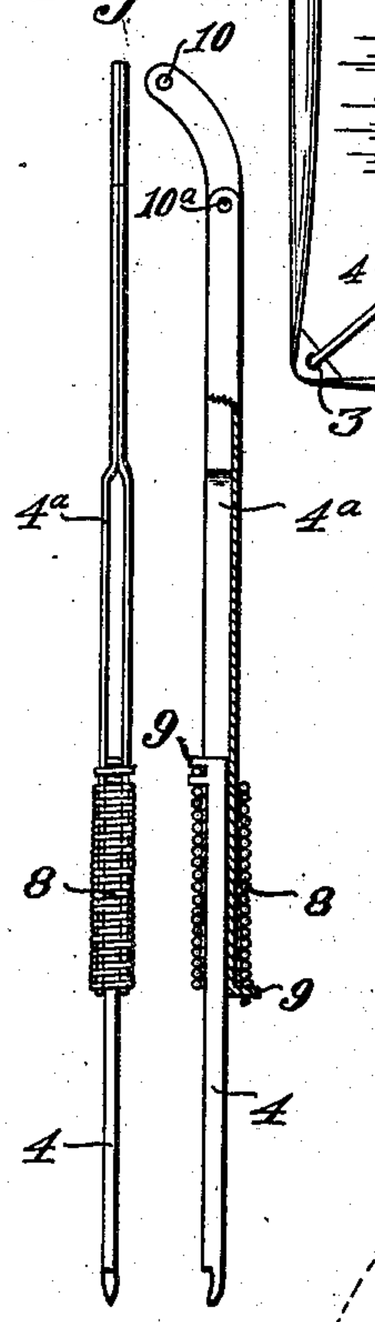

Fig. 2.

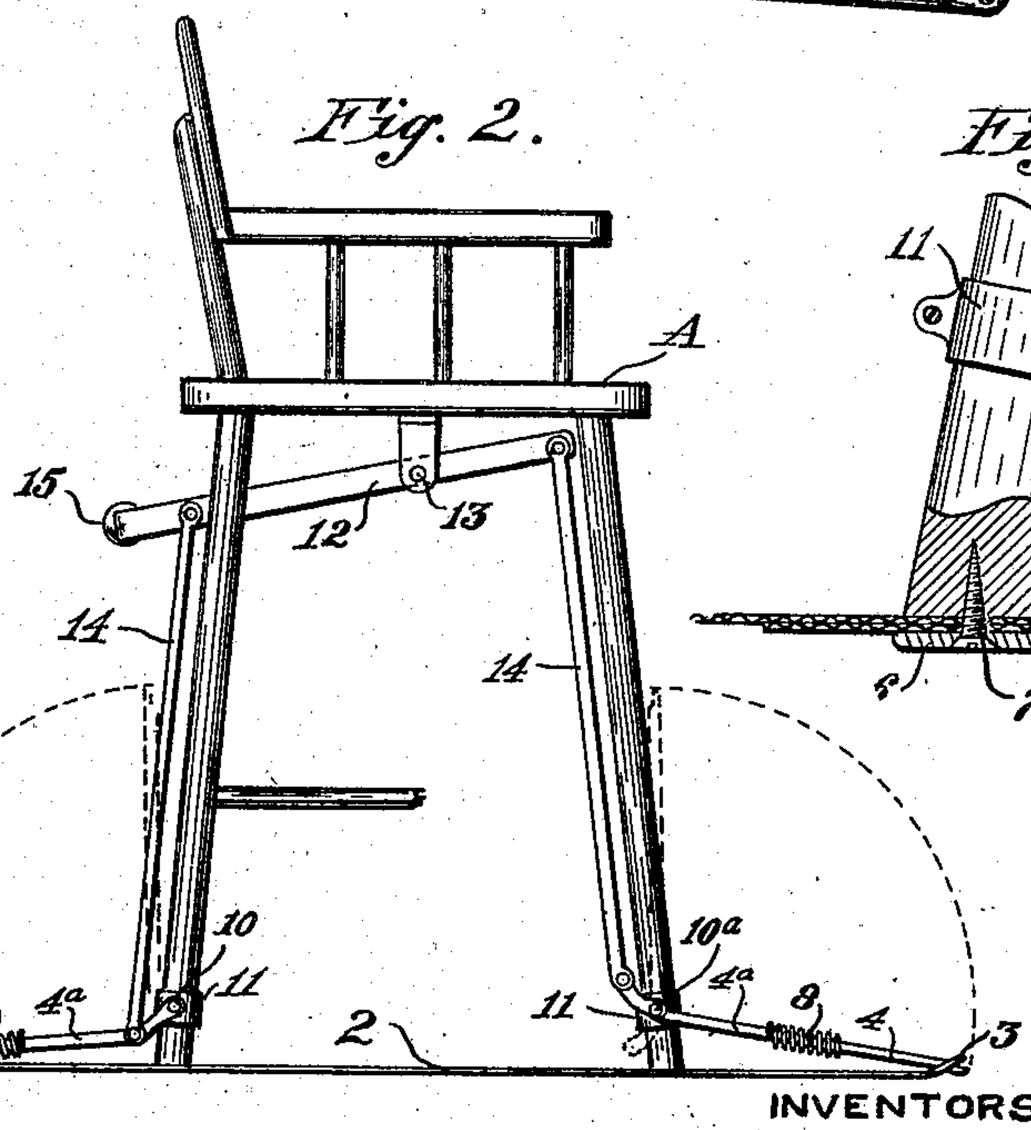

Fig. 4.

WITNESSES;

Reni S. Berry,

H. E. Maynard.

INVENTORS

ARTHUR V. JACKSON AND

WALTER H. JACKSON

BY Geo. H. Strong,

THEIR ATTORNEY.

UNITED STATES PATENT OFFICE.

ARTHUR V. JACKSON AND WALTER H. JACKSON, OF PINOLE, CALIFORNIA.

CHAIR ATTACHMENT.

No. 924,554. Specification of Letters Patent. Patented June 8, 1909.

Application filed December 14, 1908. Serial No. 467,534.

To all whom it may concern:

Be it known that we, ARTHUR V. JACKSON and WALTER H. JACKSON, citizens of the United States, residing at Pinole, in the county of Contra Costa and State of California, have invented new and useful Improvements in Chair Attachments, of which the following is a specification.

Our invention relates to an attachment for chairs which is especially designed to receive crumbs scattered by the occupant of the chair and generally for the purpose of protecting the floor or carpet.

It consists in the combination of parts and details of construction which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a plan view partially in section. Fig. 2 is a side elevation with apron extended. Fig. 3 is a view of the adjustable extension arms. Fig. 4 is a view of the lower end of the chair leg partially in section, showing the attachment of the arms and the apron.

It is the object of our invention to provide a flexible apron, mechanism by which it is supported around the lower part of the chair, means by which it may be unfolded and extended so as to form a receptacle for anything which may fall within its area, and by which when not in use, it may be folded up out of the way.

A is a chair which, in the present illustration, illustrates a child's chair.

2 is an apron of any desired area greater than the base of the chair, and sufficient to form a protection to the chair and the floor or carpet beneath. The edges of this apron are preferably provided with an elastic of sufficient tension to normally hold the apron up, and draw the edges closely around the chair when the latter stands upon the middle of the apron. At the angles of the apron we preferably form gromets 3, which are in the form of pockets to receive the ends of the extending levers 4, so that these levers which have their inner ends fulcrumed to the chair will, when compressed downward, extend the edges of the apron, maintaining it in a substantially flat position, but the edges will be slightly turned up between the angles by the action of the elastic so as to form a receiver which will catch and retain anything falling upon it. The apron is preferably reinforced at these angles, and also beneath the point where the chair legs will rest, as shown at 5; this reinforcement serving to prevent wear of the apron at these points, and there may also be supplemental shoes or attachments 6 beneath the point where the chair legs are to be placed, which will form a reduced support to slightly lift the apron above the floor, and also to form the contact portion. These shoes may be made of any suitable material, such as fiber, rubber, or other substance. The chair-legs may either rest upon the apron without being secured, or if desired they may be secured by screws 7, passing through the shoes 6, and into the bottom of the chair-legs so that the apron will be properly stretched betweeen the angles formed by the chair, and the whole device will be secured together.

The arms 4 which are plainly shown in Fig. 3, are extensible, being slidable in a second groove or slotted portion 4^a, and by means of coiled springs 8, the ends of which press against suitable stops or lugs 9 upon the two parts of the arms, the arm will be extended by the pressure of the spring. The inner ends of the rear arms are fulcrumed to the chair legs at the points 10, and the front arms may be correspondingly fulcrumed through the points 10^a. In order to provide an adjustable fulcrum point for these arms, we have shown clamps 11 which may be fixed to the chair legs at any desired point near the bottom, and to these clamps the arms 4^a are fulcrumed.

12 is a lever which is here shown in the yoke form, and is fulcrumed to the chair as shown at 13. Rods 14 connect the arms 4^a with the lever 12 in such a manner that the tilting of the lever about its fulcrum will act, when moved in one direction, to lower the arms 4, and when moved in the other direction to allow the elasticity of the apron to draw it up and fold it against the legs of the chair, the arms 4 moving in unison with it. The tension of the elastic edges of the apron is designed to be sufficient to hold the apron in its folded condition, and when the yoke lever is moved in the opposite direction, the arms will forcibly extend the apron and press downward to the floor. The arms 4^a are fulcrumed sufficiently above the bottom of the chair legs so that when the outer ends are passed below the fulcrum points, the tension of the apron will be sufficient to maintain them in place without any locking device for the yoke lever 12. This lever may extend a short distance behind the chair, and the bight of the lever may have a

suitable handle 15 by which it can be readily manipulated. The springs 8 between the parts of the arms 4—4ª serve to adjust and regulate the length of these levers. The springs act between the two parts of the arms to maintain them sufficiently extended in either folded or unfolded position to exert a pressure upon the angles of the apron, and to always maintain the outer ends of the arms in position in the gromets or pockets in which they fit.

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

1. An attachment for chairs, said attachment consisting of an apron fitted to the chair legs, arms fulcrumed to the legs having the outer ends connecting with the apron so as to extend or collapse it, said arms being automatically adjustable in length.

2. In a chair attachment of the character described, an apron fitting the legs of the chair having an elastic peripheral border, arms fulcrumed to the chair legs above the lower ends, said arms consisting of slidable spring-pressed members, means by which the outer ends of the arms engage the angles of the apron to normally extend the apron, said arm members yielding to allow the elastic edges of the apron to contract and hold it about the legs of the chair when the arms are turned upwardly.

3. In a chair attachment of the character described, an apron having elastic peripheral edges, arms fulcrumed to the chair legs, said arms consisting of slidable spring-pressed members, a yoke lever fulcrumed to the chair bottom, rods connecting said yoke lever with the arms whereby the latter may be folded up or extended and automatically adjust themselves to maintain connection with the apron in its folded or extended positions.

4. In a chair attachment of the character described, an apron, means for fixing said apron to the bottom of the chair legs, reinforcements and shoes beneath the apron at the points of attachment, arms fulcrumed to the chair legs, and consisting of spring-pressed slidable members, the length of which is automatically variable, pockets in the corners of the apron with which the outer ends of the arms may be engaged, a yoke lever and connections by which the levers and apron may be extended or folded up against the chair legs, and an elastic peripheral border for the apron, said border capable of contracting to maintain the apron in its folded position.

5. In a chair attachment of the character described, a rectangular apron adapted to fit the bottom of the chair-legs, reinforcements and shoes at the points of contact, and means for securing the apron to the bottoms of the legs, sleeves adjustably attachable to the legs above the lower ends, two-part spring-pressed automatically adjustable arms fulcrumed to the sleeves, pockets in the angles of the apron with which the outer ends of the arms may engage, a yoke lever fulcrumed to the chair bottom, rods connecting said lever with the fulcrumed arms whereby the latter may be raised against the legs, or pressed downward and outward to extend the apron and an elastic border for said apron by which it is maintained in either extended or folded position.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

ARTHUR V. JACKSON.
WALTER H. JACKSON.

Witnesses:
MAX LEHMAN,
FRANK H. WATSON.