

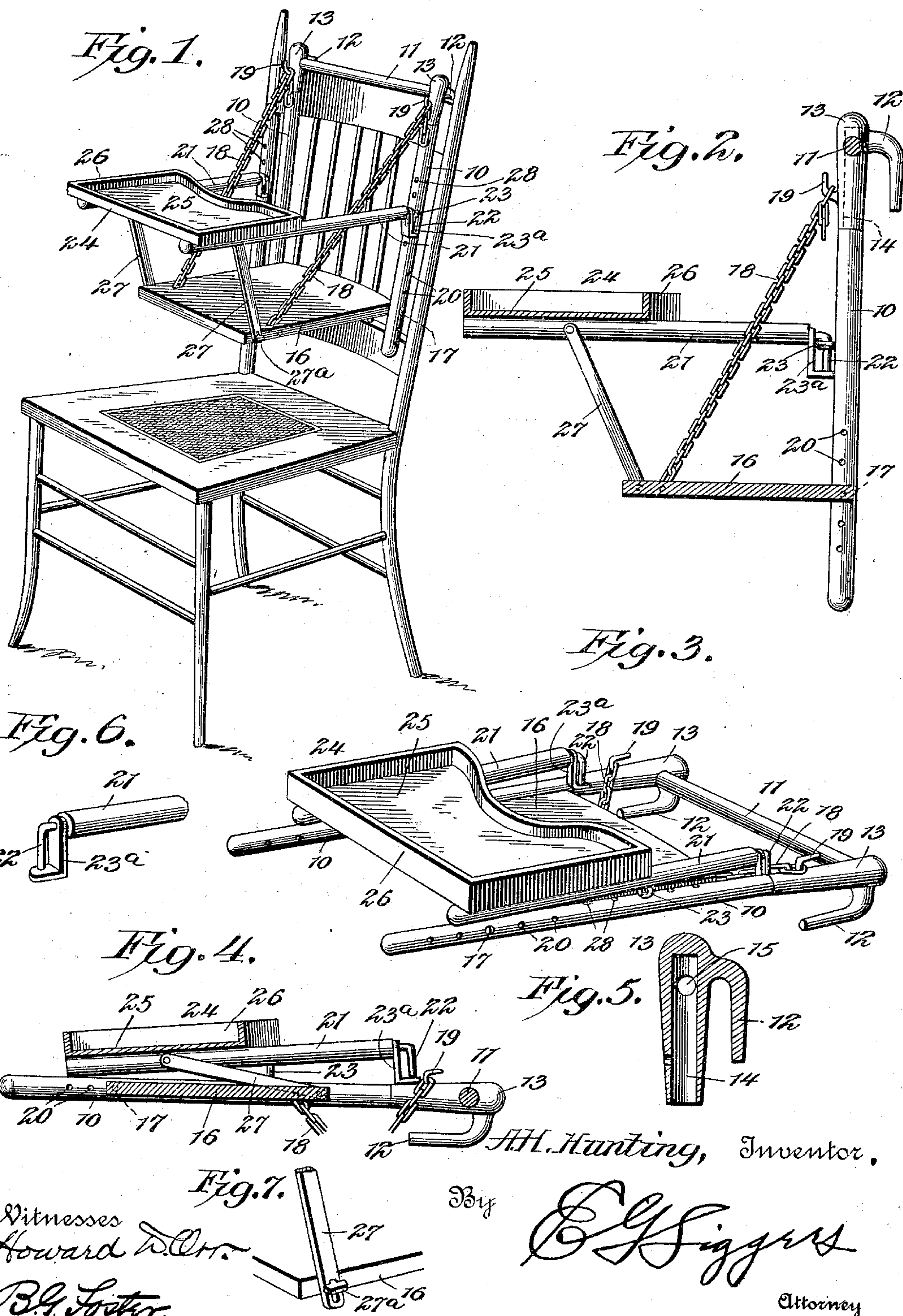
No. 696,680.

Patented Apr. 1, 1902.

A. H. HUNTING.
CHAIR ATTACHMENT.

(Application filed Feb. 28, 1901.)

(No Model.)



UNITED STATES PATENT OFFICE.

ALFRED H. HUNTING, OF IRON MOUNTAIN, MICHIGAN.

CHAIR ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 696,680, dated April 1, 1902.

Application filed February 28, 1901. Serial No. 49,304. (No model.)

To all whom it may concern:

Be it known that I, ALFRED H. HUNTING, a citizen of the United States, residing at Iron Mountain, in the county of Dickerson and State of Michigan, have invented a new and useful Chair Attachment, of which the following is a specification.

This invention relates to chair attachments; and the principal object thereof is to provide a device which may be applied to the back of an ordinary chair to support a small child at the proper height with respect to a table or the like.

A further object is to provide a construction in which the several parts are adjustable, so that the height may be varied as desired.

A still further object is to provide a construction which permits of the device being detached from a chair and compactly folded, so that when not in use it occupies but little space.

To the accomplishment of these several objects the construction described in the following specification and shown in the accompanying drawings is preferred; but it will be understood that the same is open to change and modification within the scope of the claims hereto appended.

In said drawings, Figure 1 is a perspective view of a chair, showing the attachment applied thereto. Fig. 2 is a longitudinal sectional view, on an enlarged scale, of the attachment. Fig. 3 is a perspective view of the device when folded or collapsed. Fig. 4 is a longitudinal sectional view of the same. Fig. 5 is a longitudinal sectional view, on an enlarged scale, of the supporting-head. Fig. 6 is a detail perspective view of the inner end of the arm. Fig. 7 is a detail view of the manner of securing the links to the seat.

Similar numerals of reference designate corresponding parts in all the figures of the drawings.

In carrying out the invention as illustrated in the accompanying drawings a pair of spaced upright supporting-standards 10 are provided, connected at their upper ends by a cross-bar 11. These supporting-standards each carry at the upper ends depending chair-engaging hooks 12. The preferable manner of constructing and securing the hooks 12 to the standards is by forming them integral

with a head 13, having a socket 14 for the reception of the top of the supporting-standard and a side opening 15, in which the end of the cross-bar fits. A seat 16 is pivoted between the lower ends of the supporting-standards by means of suitable pivot-screws 17, which pass through the same and engage the seat near its rear edge. In order to maintain the seat 16 in its horizontal position, a pair of flexible holding devices 18, preferably in the form of chains, are secured to the opposite side of said seat contiguous to its front end and have their upper ends detachably secured with forwardly-projecting upturned hooks 19, over which the proper links are placed, said hooks passing through suitable openings in the metallic heads 13, and thus serving as fastening devices for said heads. A plurality of pivot-openings 20 are provided in the standards, so that the seat may be raised or lowered by removing the pivots 17 and placing them in the desired opening and at the same time lengthening or shortening the holding devices 18 by engaging different links over the hooks 19, as will be readily understood.

In connection with the above construction a tray or platform is provided and is constructed and arranged in the following manner: A pair of horizontal side arms 21 carry at their inner ends downwardly-bent hooks 22, which engage in eyes 23, secured to the front face of the supporting-standards above the seat 16. Pivotaly mounted on the shanks of these hooks are keepers 23^a, having offset arms that gravitate beneath the depending portion of the hooks when the latter are in place, and thus lock the same in the eyes and prevent their accidental displacement. Connecting the outer ends of and fastened upon the side arms 21 is a tray 24, having the usual flat bottom 25 and an upstanding retaining-rim 26 about its edge. This tray is supported in horizontal position by a pair of side links 27, which are provided at their lower ends with horizontal slots, through which are passed headed studs 27^a, arranged upon the side edges of the seat, whereby they are detachably pivoted at their lower ends to the sides of the seat. Their upper ends are also pivoted to the outer portions of the arms. The standards 10 are provided with a plurality of

sockets 28 to receive the screw-eyes and thus permit the necessary adjustment of the arms when the seat is raised and lowered.

The operative position of the device is clearly illustrated in Fig. 1, wherein it is shown attached to an ordinary chair. The hooks 12 are engaged over the top edge, and the supporting-standards rest against the front face of the back. The seat will thus be held in substantially horizontal position, and the side arms and tray will form a guard to hold the child seated thereon in place. Should it become desirable to raise or lower the seat, it is only necessary to remove the pivots 17 and adjust the seat, replacing them in the proper opening and in engagement with said seat. The eyes 23 are correspondingly raised and lowered and the chain shortened or lengthened by engaging different links of the chain over the hooks, as will be readily apparent.

When not in use, the attachment can be removed from the chair and compactly folded by disengaging the hooks 22 from the eyes 23 and folding the seat between the supporting-standards. The tray and side arms can then be folded flat upon the seat and standards, making a compact bundle that occupies but little space.

For children the tray and side arms are sometimes unnecessary, and they may therefore be removed. This can be accomplished by removing the forks 22 from the eyes 23, swinging the links around until the slots in their lower ends aline with the heads of the studs 27^a, whereupon they may be detached.

By this construction it will therefore be observed that an exceedingly simple attachment is provided which can be attached to a chair-back to support a child and which can be adjusted to any desired height. Furthermore, it may be folded compactly when not in use and in this condition occupies but little space.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from

the spirit or sacrificing any of the advantages of the invention.

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

1. In an attachment of the class described, the combination with standards carrying chair-engaging means, of a seat having a pivotal connection with the standards and adjustable thereon, and a flexible connection between the upper portions of said standards and the outer portion of the seat, said connection being extensible to permit of the raising and lowering of the seat upon the standards.

2. In an attachment of the class described, the combination with standards carrying chair-engaging means and provided with a hook, of a seat having a pivotal connection with the lower portions of the standards and adjustable thereon, and a chain secured to the outer portion of the seat and having a detachable engagement with the hook of the standards, whereby the chain may be lengthened or shortened to permit of the raising and lowering of the seat upon the standard.

3. In an attachment of the class described, the combination with spaced upright supporting-standards, each having a head provided with depending hooks and intermediate eyes, of a seat pivoted between the lower portion of the standards and adjustable thereon, chains connected to the outer side portions of the seat and having a detachable engagement with the upper portions of the standards, side arms having depending hooks at their inner ends which engage the intermediate eyes of the standards, a tray secured to the outer portion of the arms, and links pivotally connected to the arms and having a detachable pivotal connection with the outer side portions of the seat.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ALFRED H. HUNTING.

Witnesses:

SIDNEY MITCHELL,
DANIEL C. JUSTUS.