

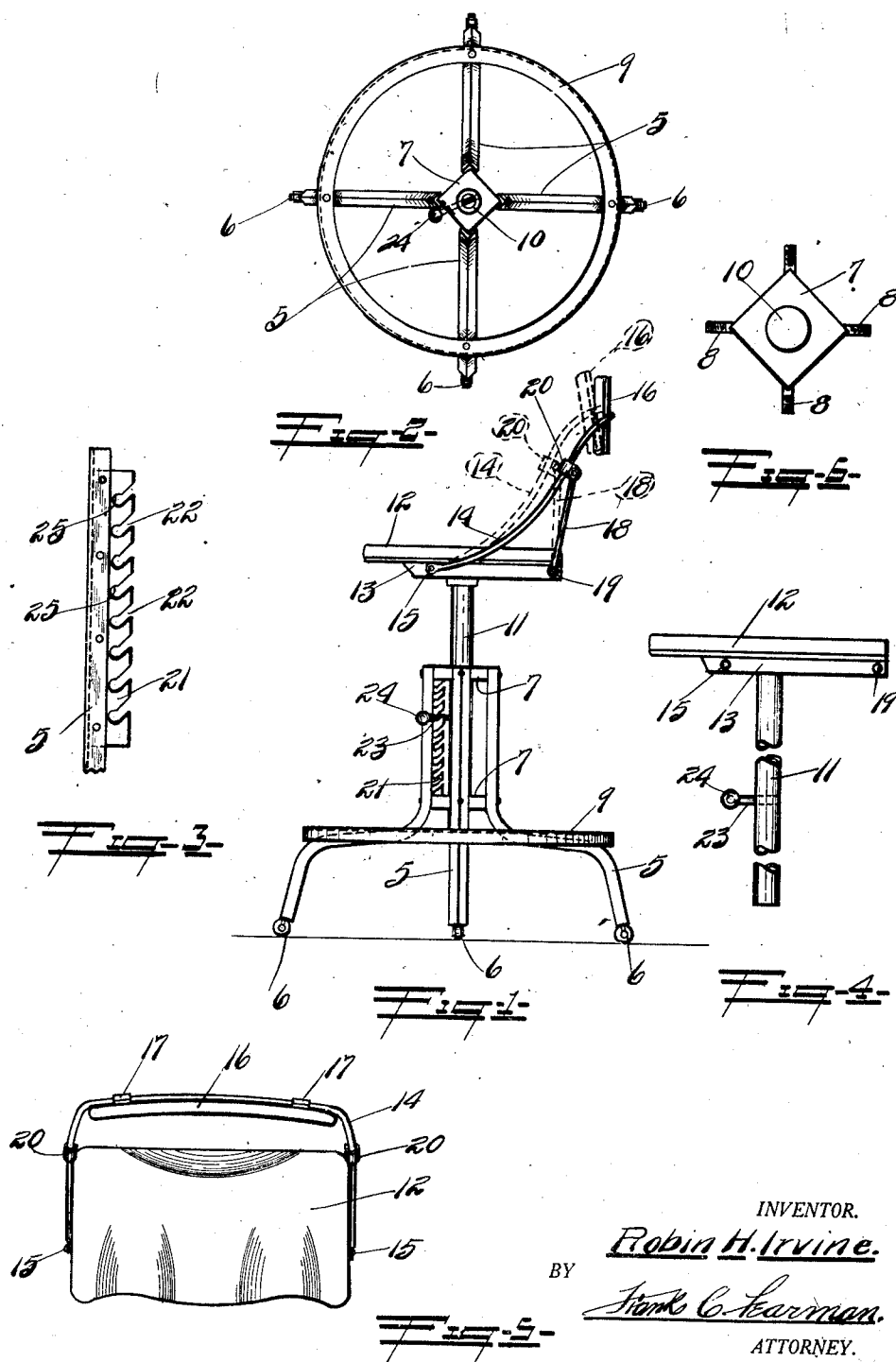
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CHAIR

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UNITED STATES PATENT OFFICE.

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CHAIR.

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This invention relates to adjustable chairs and the like, and especially to a chair designed for household and kitchen use.

One object of the invention is to design a convenient and comfortable chair having a back rest which is adjustable as to height and angle of inclination.

Another object is to provide a revoluble chair having a base of comparatively large diameter with a foot bar or rest in such position that the occupant can easily and comfortably hold pans on his or her lap without danger of slipping off.

A further object is to design a very simple, substantial and economical chair which can be very easily adjusted as to height.

With the above and other objects in view the present invention consists in the combination and arrangement of parts hereinafter more fully described, illustrated in the accompanying drawing and particularly pointed out in the appended claims, it being understood that changes may be made in the form, size, proportion and minor details of construction without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:

Fig. 1, is a side view of my improved chair the back rest being shown in two different positions.

Fig. 2, is a top plan view thereof with the seat removed.

Fig. 3, is an enlarged detail view of the notched plate.

Fig. 4, is a detail view illustrating the seat and standard.

Fig. 5, is a top plan view of the seat and back rest.

Fig. 6, is a detail top plan view of one of the block members.

Chairs designed for household and kitchen use are generally of the non-rotatable type, having no back rest, are not adjustable as to height, and are so constructed that the user does not have a foot rest which will hold the legs in position so that articles can be held in the lap, in fact when seated on the conventional chair, the legs are in such position that the edge of the chair presses into the flesh and hinders and retards circulation. These and other disadvantages I have overcome in my approved stool.

Referring now particularly to the drawing in which I have shown the preferred embodiment of my invention. The stool com-

prises the spaced apart angle iron legs 5 which are bent to shape as shown, and which are provided with casters 6 properly secured to the end of each respective leg, these are secured together by means of the spaced apart block members 7, having stud members 8 cast integral therewith, the ends being threaded and are adapted to be introduced into openings in the said legs and secured in place by a nut in the usual manner.

A circular angle foot rest 9 is secured to the bent portion of the legs in the position as shown, and serves to rigidly brace and hold the legs in proper position, and this is so proportioned with relation to the seat, that the occupant's legs will extend substantially horizontally, the feet resting on the foot rest 9.

A centrally disposed opening 10 is provided in the members 8, and is adapted to receive a cylindrical standard 11 having a seat 12 revolubly secured to the upper end thereof in any approved manner, and this I prefer to form of a section of pipe which gives ample strength with a minimum weight.

Angles 13 are secured to the edges of the seat, and a rod 14 is pivotally secured to these angles by means of the bolts 15, this rod being in one continuous piece, and a curved back-rest 16 is secured to the central portion thereof by means of spaced apart clips 17, and when the occupant of the chair leans back against the back-rest it will automatically adjust itself and is then frictionally held in this position by the clips 17.

Substantially vertically disposed brace rods 18 are pivotally secured to the angles 13 at the point 19, the upper end being pivotally connected to a clip 20 loosely mounted on the rod 14, and it will be obvious that by pulling the rod forwardly the clips can be forced downwardly on said rod, and when the pressure is exerted on the back-rest, these clips being on the rod hold it in adjusted position.

For adjusting the height of the chair a plate 21 is provided, and is formed with a series of spaced apart downwardly extending notches 22, the bottom being rounded to form a bearing for a pin 23 which projects from and is secured to the standard 11, this pin is provided with a ball end 24 to facilitate manipulation thereof, and it is merely necessary to grasp the ball, raise the standard and seat as a unit, to free the pin from

the notch, and again insert it in one of the notches so that the seat will be the desired height.

I also wish to direct attention to the forming of the bottom rounded end of the notch, the top of which is slightly cut out and rounded as shown at 25, this is to prevent accidental displacement of the pin should the seat be accidentally raised, in which event this pin will seat in the rounded portion 25 and will not disengage from the notch.

While in the present drawing I have shown the chair as constructed of angle iron, it will be obvious that any other section or material may be used as desired, I however prefer the angle iron construction due to its strength, cheapness and adaptability to quantity production.

From the foregoing description it will be apparent that I have perfected a very convenient and comfortable kitchen chair which can be adjusted to suit any kitchen requirement.

What I claim is:—

1. An adjustable chair comprising spaced apart blocks having studs cast integral

therewith, legs secured thereto, the lower ends of which are bent horizontally and down, a ring secured on said horizontal section to form a foot rest, a tubular standard mounted in said blocks and a pin extending transversely therefrom, a notched plate secured to one of said legs and having spaced apart inclined notches adapted for engagement by the pin, and a seat revolvably mounted on said standard.

2. An adjustable stool comprising spaced apart centrally disposed block members having studs cast integral therewith, angle iron legs secured to said studs, a notched plate secured to one of said legs, the lower ends of the legs being bent horizontally outward and down, and a circular footrest secured to the horizontal portion of said legs, a tubular standard adjustably mounted in said blocks, and means on the standard and adapted to engage the notched plate on one of said legs for holding the standard in adjusted position.

In testimony whereof I affix my signature.

ROBIN H. IRVINE.