C. H. & J. H. McCALL.

Sheep-Shearing Chair.

No. 161,622. Patented April 6, 1875.

Fig. 1

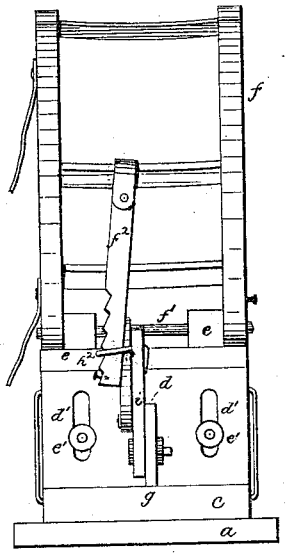


Fig. 2

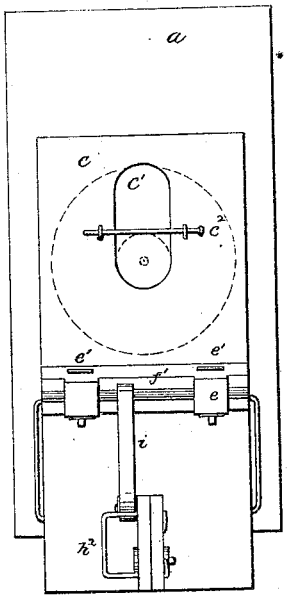
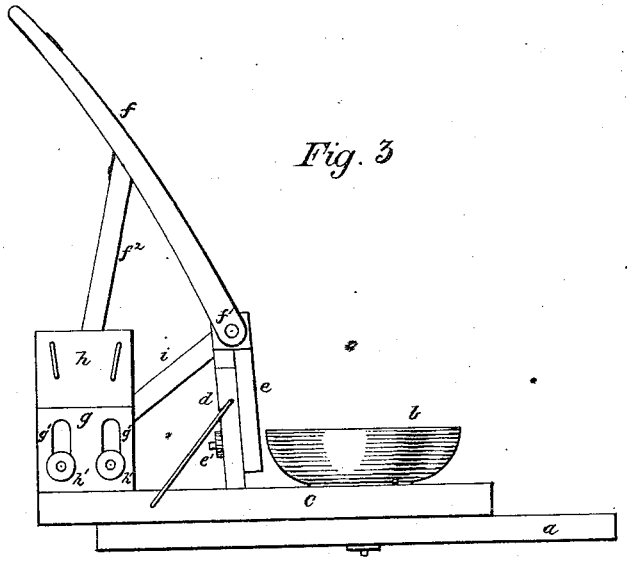


Fig. 3



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UNITED STATES PATENT OFFICE.

CHARLES H. McCALL AND JAMES H. McCALL, OF MORRISTOWN, OHIO.

IMPROVEMENT IN SHEEP-SHEARING CHAIRS.

Specification forming part of Letters Patent No. **161,622**, dated April 6, 1875; application filed February 5, 1875.

To all whom it may concern:

Be it known that we, CHARLES H. McCALL and JAMES H. McCALL, of Morristown, in the county of Belmont and State of Ohio, have invented certain new and useful Improvements in Sheep-Shearing Chairs; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Our invention relates to improvements in that class of devices used for holding sheep during the process of shearing. It consists in a seat, concave or otherwise, rigidly attached to the floor or shearing-table; in an adjustable platform, slotted to fit on the shank of the seat, and revolving entirely around the latter; and in slotted upright adjusting-boards, sliding upon stationary standards, and to which is hinged the rack for holding the sheep, the whole constructed and arranged as hereinafter fully set forth.

In the drawings, Figure 1 is a rear vertical elevation. Fig 2 is a plan view, with the hinged rack and seat removed; and Fig. 3 is a side elevation of our invention.

a is the floor or shearing-table. *b* is the seat on which the sheep is set. It is made concave, as shown, or of any desired form. It is constructed with a short shank or foot, which rests on the floor and holds it above the revolving platform, hereinafter described. It is bolted or otherwise rigidly fixed to the floor *a*, so that the sheep when placed thereon will remain in the same position during the entire process of shearing, unless changed by lifting and turning on the seat. The revolving platform, hereinafter described, enables the shearer to get in any desired position, with reference to the sheep, to facilitate the clipping and avoid lifting. *c* is the revolving platform, to which is secured the several adjusting devices hereinafter described. It is pierced at one end by the oblong mortise c', through which the shank of the seat *b* passes, and it revolves on said shank. The slot or mortise c^1 permits the setting of the rack, hereinafter described, farther off or nearer to the seat, as desired, to accommodate the device to larger or smaller sheep. c^2 is a rod, held by staples across the mortise c^1, and against the shank of the seat, so as to prevent the platform from sliding back and forth when such result is desirable. *d* is an upright board or standard, extending across and tenoned in the revolving platform, near the center of the latter, and near to the edge of the seat *b*. It inclines slightly away from the seat, and is provided with the vertical slots or mortises d' d'. *e* is an adjustable frame. It is placed in front of and slides up or down on the board *d*, and is secured to the latter by the bolts e' e' passing through the slots d' d'. It can be set at any desired position by said bolts and slots. *f* is the rack or rest on which the sheep is held. It is hinged to the top of the frame *e* by the rod f^1, and can be set at a greater or less incline by the regulating-brace f^2. *g* is an upright board or standard, placed at the rear part of the platform, and longitudinally with the latter. It is tenoned in the platform, and provided with the vertical slots g' g'. *h* is an adjustable frame, secured to the board *g* by set-bolts h^1 h^1. It has secured to it the stirrup or clevis h^2, through which passes the brace f^2, the latter being provided with suitable ratchet and spring to hold it in proper place. *i* is a connecting rod or brace, which unites the frame *e* with the frame *h*. It secures a corresponding movement in and perfect adjustment of the two frames *e* and *h* and the rack *f*. It also supports the frame *e*, and prevents the latter from being strained when set high for large sheep. Suitable straps, for use by boys, may be attached to the rack *f* and seat *b*, by which the sheep can be bound to the device.

The sheep, having been placed on the seat in the position desired for commencing the clipping, is not changed during the entire process. As the clipping progresses the platform is revolved, so as to bring the rack into different relative positions to the sheep. The labor of lifting the animal is avoided. To get the rack in a different position under the sheep, the latter is pushed forward sufficiently to take the weight off the former, when the platform is turned, so as to bring the rack to

the desired place, and the sheep is again laid thereon. The platform turns away from the fleece, and the latter turns down off the sheep, and remains in an almost undisturbed condition until the clipping is completed. Thus the tearing or breaking of the fleece is prevented, a result unattainable, except by the greatest carefulness, in devices where the seat revolves to adjust the sheep to the rack.

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

1. The revolving platform *c*, in combination with the stationary seat *b*, substantially as and for the purpose specified.

2. The combination of the adjustable frame *e*, with the rack *f*, revolving platform *c*, and seat *b*, substantially as and for the purpose set forth.

3. The combination of the adjustable frame *h* and brace *i*, with the revolving platform *c*, frame *e*, and rack *f*, substantially as and for the purpose set forth.

In testimony that we claim the foregoing as our own we hereto affix our signatures in presence of two witnesses.

CHARLES H. McCALL.
JAMES H. McCALL.

Witnesses:
C. H. KIRK,
J. A. STEWART.