

Salom & Field.

App's. for Clipping Horses.

N^o 90,877.

Patented Jun. 1, 1869.

Fig. 2.

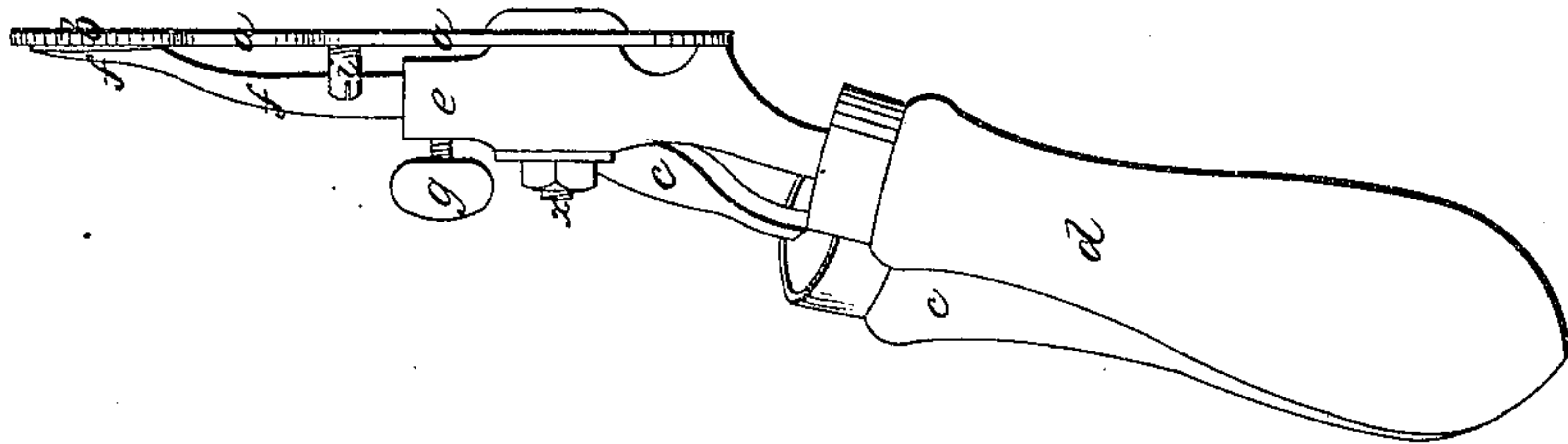
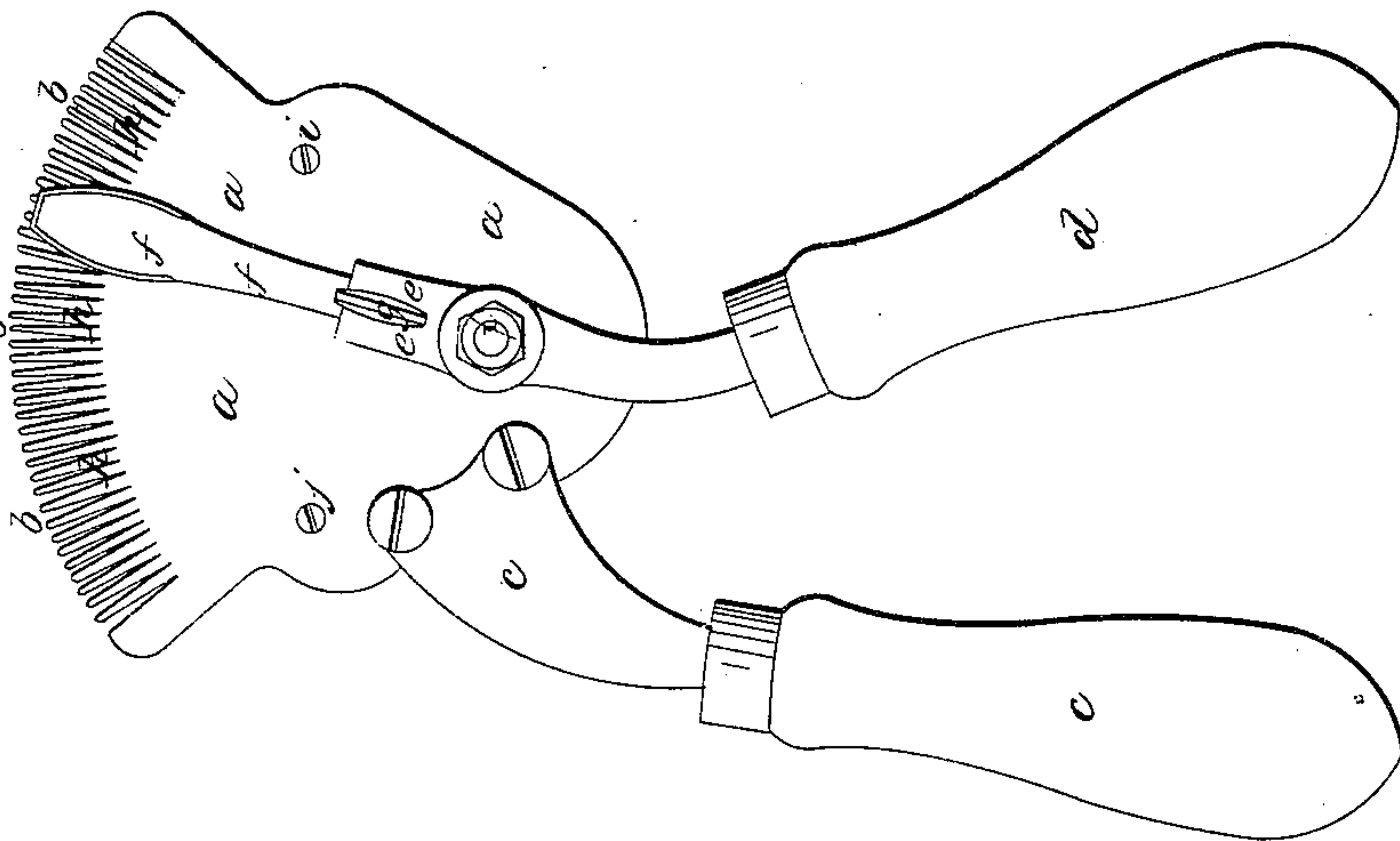


Fig. 1.



Witnesses;
James Hight
Not For

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United States Patent Office.

SALOM HENRY SALOM, OF LONDON, AND THOMAS FIELD, OF WESTMINSTER, GREAT BRITAIN; SAID THOMAS FIELD ASSIGNS HIS RIGHT TO SAID SALOM.

Letters Patent No. 90,877, dated June 1, 1869.

IMPROVEMENT IN APPARATUS FOR CLIPPING THE HAIR FROM HORSES, &c.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:—

Be it known that we, SALOM HENRY SALOM, of Regent street, London, optician, and THOMAS FIELD, of Vine street, Westminster, machinist, both in the county of Middlesex, in the Kingdom of Great Britain, have invented "An Improved Apparatus or Instrument for Clipping or Shearing the Hair of Horses and other Animals;" for which invention we have obtained a grant of Letters Patent in the United Kingdom of Great Britain and Ireland, dated the 13th day of March, 1868.

We do now hereby declare the nature of the said invention to be fully described and set forth in and by the following description; that is to say—

Our invention consists of a segmental-shaped metallic plate, the periphery of which is cut so as to form a series of radiating teeth, resembling a comb.

Upon the surface we fix a shank or handle, made so as to rotate or oscillate upon a centre pin. The one end of this handle is formed with a socket, and into the socket we fix a metallic knife or cutter, so that when the handle is moved it will carry the cutter or knife in a plane parallel to the comb-plate, the edge of the knife passing over the face of the teeth of the comb, so that the substance required to be cut between the teeth would be clipped or sheared by the knife in its passage, right and left.

The comb being applied to the skin of any animal, the hair or wool is raised, and passes between the teeth, and the knife being caused to rotate over the teeth, cuts, clips, or shears the hair or wool.

A handle is attached to the comb, for the greater convenience of handling it during the operation.

In order more clearly to illustrate the nature of our invention, and how the same is constructed and acts, we have appended to this description the accompanying drawings, which show the mode of forming and actuating the same.

Figure 1 is a plan of our instrument, and

Figure 2 is a side view of the same.

a is the metallic segmental plate, having the radiating teeth *b b*, shaped so as to form the comb.

c, the handle, attached for convenience in holding it.

d is the radiating handle, centred and turning upon pin *x*, having its end, *e*, formed with a socket, into which the knife or cutter *f* is inserted, and held by the nipping and tightening-screw *g*, the face *h h*, of the comb, being brought to a cutting edge.

i j are studs to regulate the throw of the knife, the stud *j* being screwed into the plate *a* in such a manner that it can be quickly and easily removed, and permit the full sweep of the cutter *f* beyond the edge of the steel plate *a*, when the cutter *f* can be quickly removed, if blunt, and in its place a fresh cutter substituted.

The comb being applied to the hide of an animal, the teeth pass between the hair or wool, raising and separating it; the knife *f* is then caused to rotate from right to left or left to right, and cuts or shears away the hair or wool between the teeth of the comb.

Having now described the nature of our invention, and how the same is formed and acts, we wish it understood that what we claim, and wish secured by the before, in part, recited Letters Patent, is—

Oscillating knife or cutter-blade *f*, in combination with a curved comb, and with a handle pivoted to the comb-plate to operate the said cutter, substantially as herein described, for the purpose of clipping and shearing the hair of horses and other animals.

Signed at London, the 15th day of December, 1868.

SALOM HENRY SALOM. [L. s.]

THOMAS FIELD. [L. s.]

Witnesses:

JAMES WRIGHT, } Both 12 Copthall Court,
THOMAS FOX, } London.