

Patented Sep. 13. 1870.

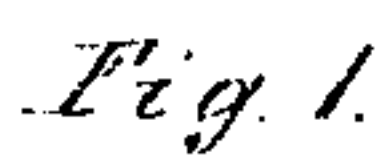
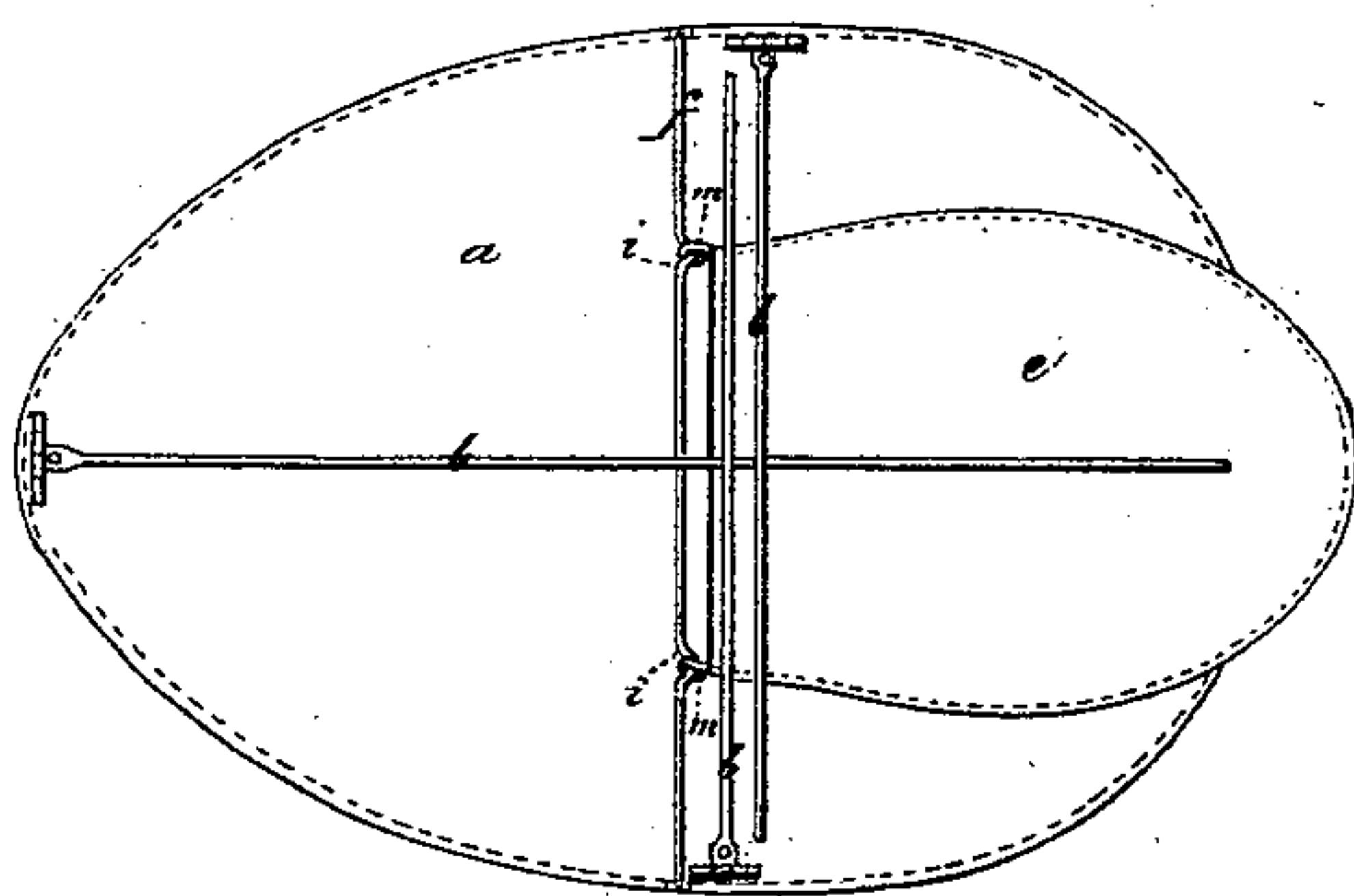


Fig. 2



His Attorneys

United States Patent Office.

HARVEY L. BYRD, OF BALTIMORE, MARYLAND.

Letters Patent No. 107,333, dated September 13, 1870.

IMPROVED AWNING AND FAN FOR HORSES' HEADS.

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

To all whom it may concern:

Be it known that I, HARVEY L. BYRD, of Baltimore, in the county of Baltimore and State of Maryland, have invented a new and improved Combined Awning and Fan; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a perspective view of the awning, with the fan applied to a horse's head; and

Figure 2 is a plan view of the awning, fan, and supporting-rods, all folded down together.

This invention consists of an awning constructed in any suitable manner, and in any desired shape, in combination with three or more rods, each of which is jointed at one extremity to the awnings, one at each side, and the third at one end of the same, which rods are designed to pass through sockets attached to a horse's bridle, and thus support the awning above the horse's head, and in combination with a flap that is suspended from a cross-bar of the awning, and swings as the horse travels, serving as a fan and fly-brush.

In the drawing—

a is the awning, which, in this instance, is made up of wire, bent into an oval form, and a piece of cloth, cut of similar shape, and sewed at its edge over the wire.

b are the supporting-rods, which are jointed at their upper ends to the awning-wire, one at each side, and the third at one end of the awning.

c are sockets, intended to be securely attached to

the cheek-pieces and brow-band of a bridle, said sockets having holes through which the supporting-rods *b* pass, and set-screws, by which the rods are fastened at any height in the holes.

e is the flap, composed, in this instance, of a piece of wire, bent into semi-elliptic shape, with a piece of cloth cut into similar form, and sewed, at its edge, over the wire.

i are hooks at the ends of the flap-wire.

f is the cross-bar of the awning.

m are eyes in the cross-bar, into which the hooks *i* are inserted.

When it is not necessary to use the awning and fan, the rods *b* may be withdrawn from the sockets *c* and folded with the flap *e* down flat on the awning, and the whole apparatus, being thus reduced within the smallest possible compass, may be stowed away under the cushion of a carriage-seat, for instance, or in any other convenient place.

I do not limit myself to the described manner of constructing the awning and flap.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The awning *a*, in combination with the fan *e* and supporting-rods *b*, as and for the purpose described.

HARVEY L. BYRD.

Witnesses:

F. W. MERRYMAN,
PATRICK M. LYONS.