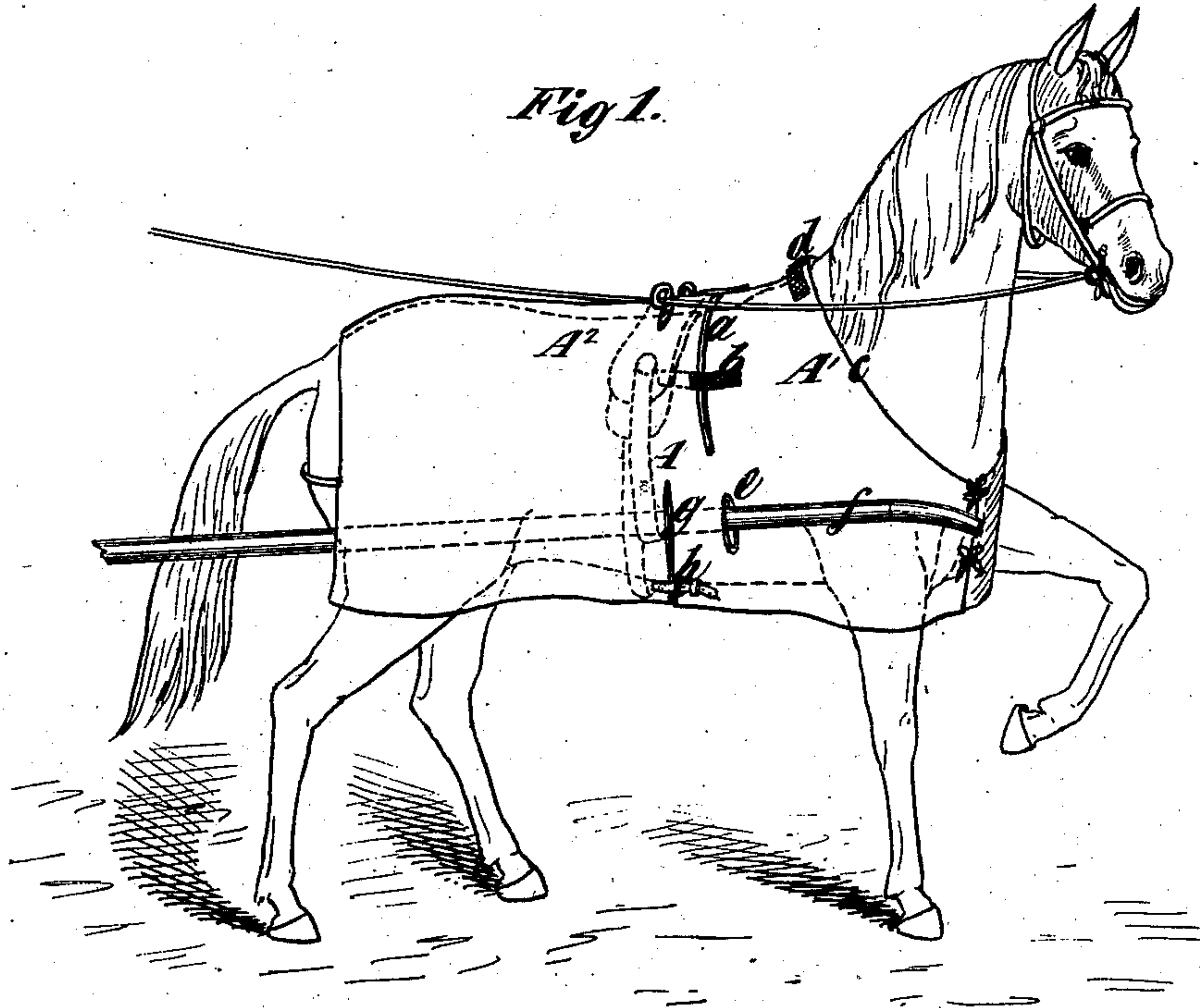


I. E. PALMER.  
Horse Blanket and Cover.

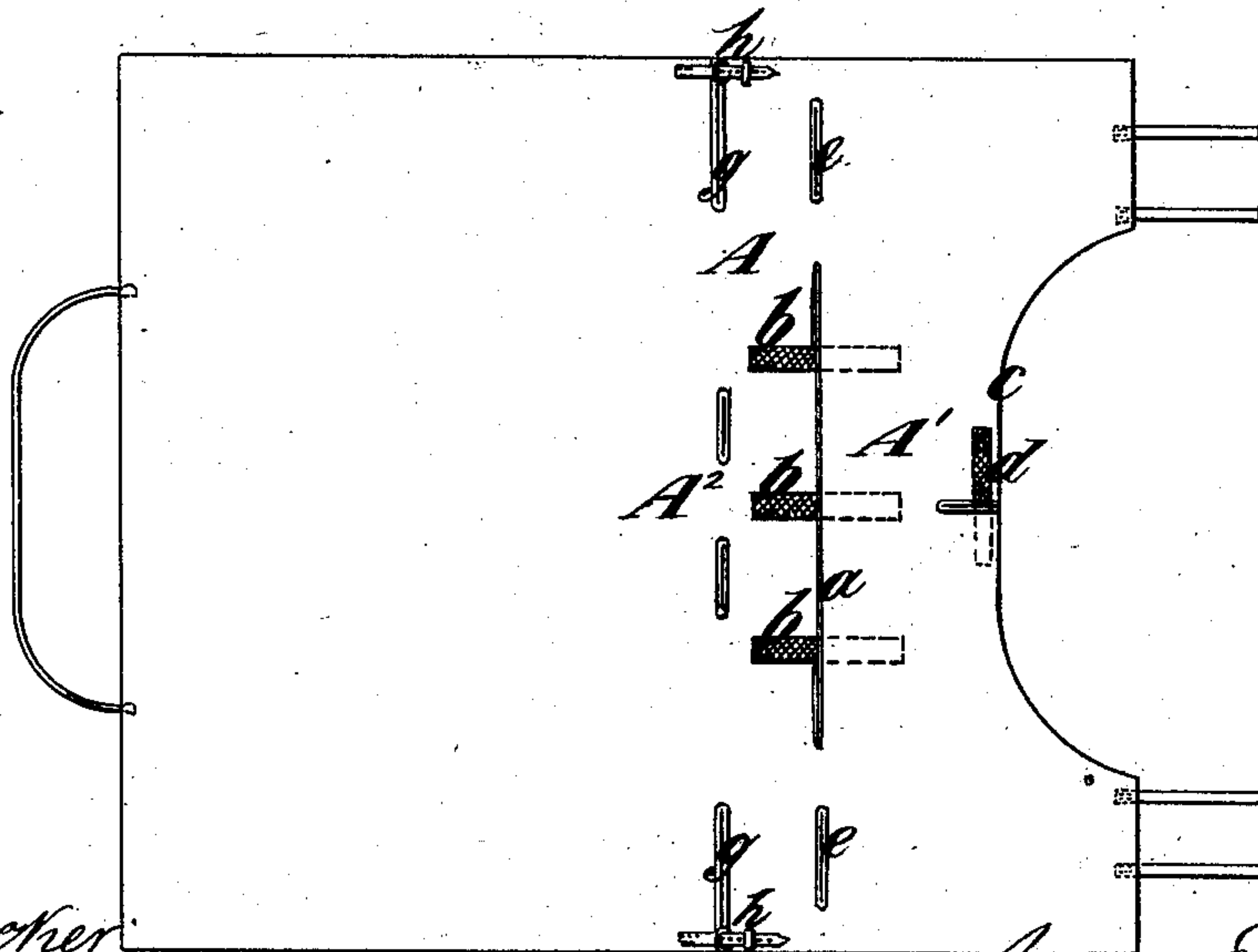
No. 224,468.

Patented Feb. 10, 1880.

*Fig 1.*



*Fig 2.*



*Witnesses*

*John Beecher*  
*Just Haynes*

*Inventor*

*Iraas E. Palmer*  
*by his Attorneys*  
*Brown & Brown*

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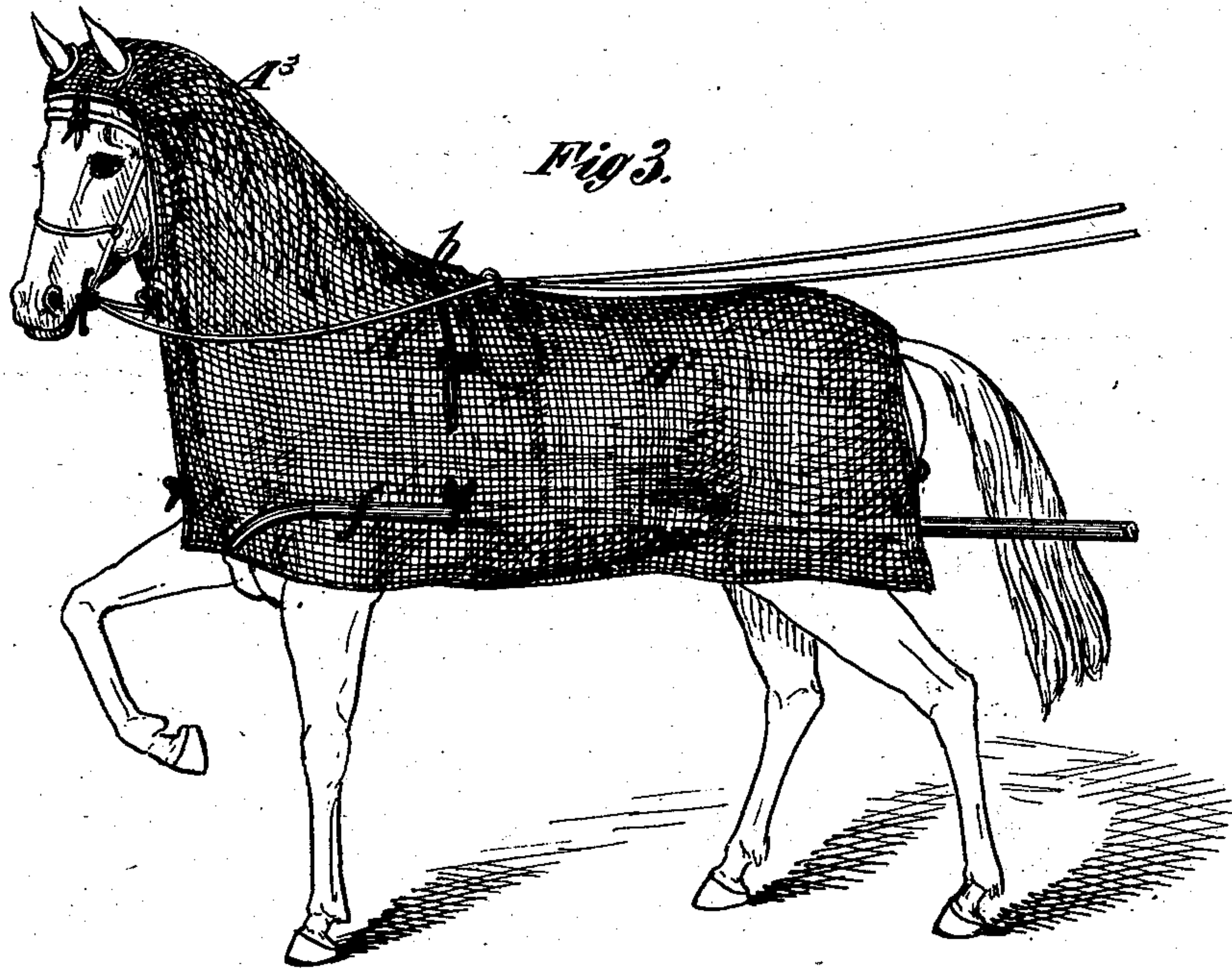
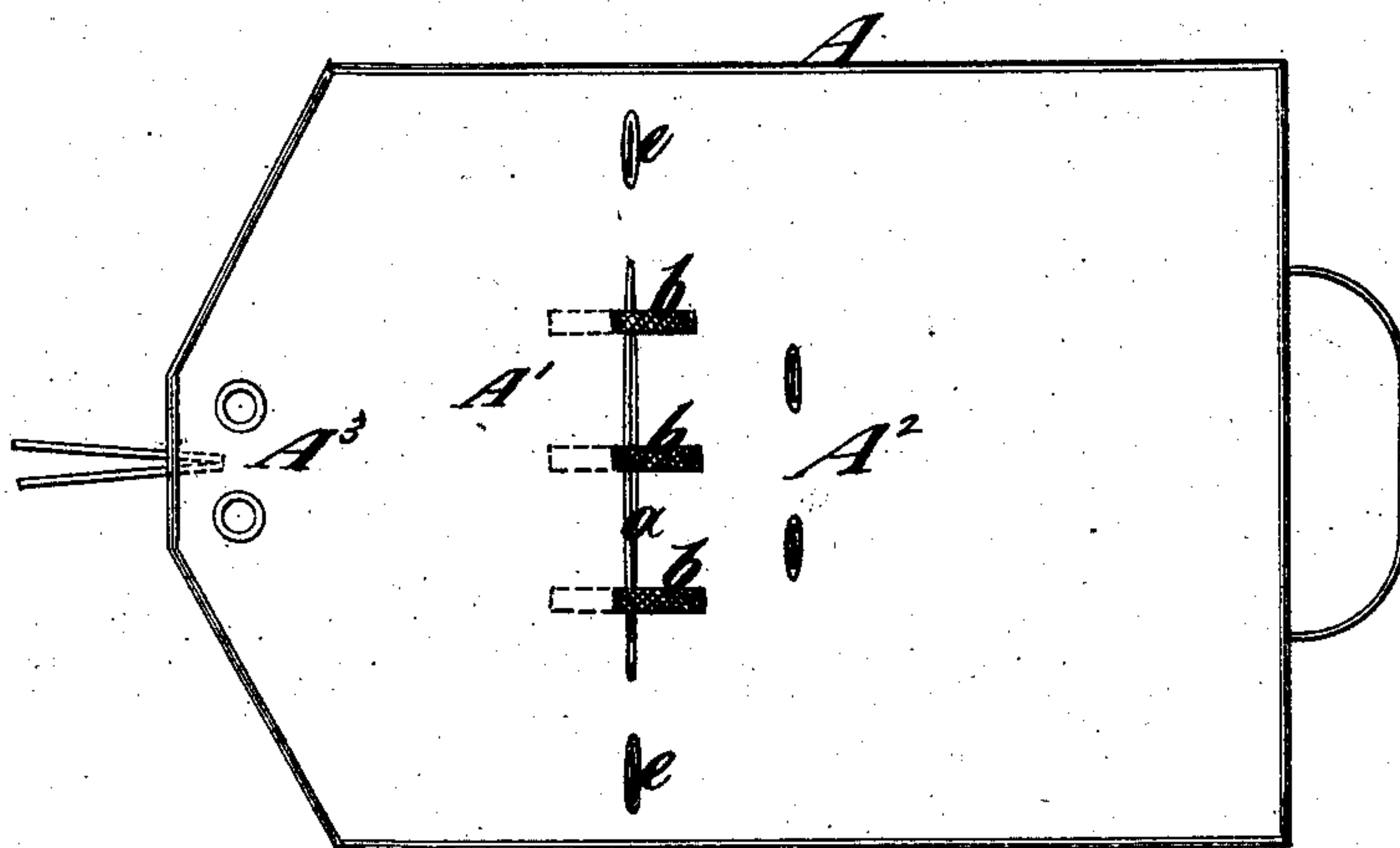


Fig 4.



Witnesses

John Becker  
Fred Haynes

Fig 5.

A¹ b A²  
A¹ b A²

Inventor  
I. E. Palmer  
by his Attorney  
Brown & Brown

Fig 6.

A¹ b A²



# UNITED STATES PATENT OFFICE.

ISAAC E. PALMER, OF MIDDLETOWN, CONNECTICUT.

## HORSE BLANKET AND COVER.

SPECIFICATION forming part of Letters Patent No. 224,468, dated February 10, 1880.

Application filed October 31, 1879.

*To all whom it may concern:*

Be it known that I, ISAAC E. PALMER, of Middletown, in the county of Middlesex and State of Connecticut, have invented certain  
5 new and useful Improvements in Horse Blankets and Covers, of which the following is a specification.

Horse-covers, such as blankets, rubber covers for rainy weather, or fly-nets, as commonly constructed, are subjected to severe strains by the movements of the horse. The  
10 stamping of the horse and the movements of his shoulders tend to strain the blanket or cover both in a longitudinal and in a transverse direction, and such strain across a  
15 blanket or cover, caused by the depression of the horse's head, is particularly severe in blankets or covers which are provided with hoods formed in the same piece of clothing  
20 therewith extending up over the horse's head.

The object of my invention is to furnish a blanket or cover which will yield to accommodate itself to the various movements of the horse, and thereby any tendency to rupture or  
25 tear the blanket or cover is obviated.

To this end my invention consists in a horse blanket or cover formed of a single piece of clothing, comprising a body portion and a  
30 hood, and having in front of the position occupied by the saddle a transverse opening closed by an elastic strap or straps.

It also consists in a horse blanket or cover formed of a single piece of clothing, comprising a body portion and a hood, and having in  
35 front of the position occupied by the saddle a transverse opening with overlapping edges, through which the reins may pass.

It also consists in details of construction to be hereinafter described.

40 In the accompanying drawings, Figure 1 represents a view of a horse covered by a blanket embodying my invention. Fig. 2 represents a plan of such blanket. Fig. 3 represents a similar view of a horse and a blanket  
45 of modified form. Fig. 4 represents a plan of such modified form of blanket. Fig. 5 represents a longitudinal section of a portion of such a blanket, and Fig. 6 represents a similar section of a blanket of modified form.

Similar letters of reference designate corresponding parts in all the figures.

A designates the blanket or cover, composed of a single piece of clothing, which is of ordinary design, and may be made of any material for protecting a horse against cold,  
55 rain, or flies. In order to permit the blanket to be elongated or stretched in the direction of its length without subjecting the fabric to severe strain caused by the horse's movements, the fore portion, A', of the blanket, which fits  
60 upon the shoulders of the horse, is connected to the rear or back portion, A'', by means of one or more strips or pieces of elastic material, which are permanently connected at each end to the blanket or cover. As here represented,  
65 the blanket is divided transversely at *a* for a portion of its width, and the two edges overlap, as clearly represented in Fig. 5. The opposite edges are connected by elastic straps *b*, which are preferably arranged in pairs in line  
70 with each other, as represented in Figs. 2 and 5, and when so arranged the two edges of the blanket are always extended, and do not double over and leave the back of the horse exposed.

75 The transverse opening *a* is in front of the position occupied by the saddle, and the reins are preferably passed through this opening and under the portion of the blanket forward of it, though they are not so represented in  
80 this instance.

Fig. 3 represents a blanket or cover having a hood, A<sup>3</sup>, comprised in the same piece of clothing with the blanket, and in this instance the transverse opening *a* is very advantageous,  
85 as every downward movement of the horse's head throws a great strain on the blanket or cover.

Instead of being divided transversely, as represented at *a*, the blanket or cover may be  
90 doubled or turned under, as shown in Fig. 6, and the straps *b* arranged in the same manner as in Fig. 5.

I may likewise provide for the proper yielding of the parts of the blanket or cover by  
95 cutting away a strip of the fabric extending transversely across the horse and sewing in the place of the cut-away portion a piece



of elastic rubber cloth, and in such case the straps *b* may be entirely dispensed with. This form of blanket would be especially desirable in rubber blankets to protect the horse from  
5 rain.

In order to permit the blanket or cover to be wrapped closely around the horse's breast I provide holes or openings *e*, through which pass the shafts *f*. In lieu of the holes or open-  
10 ings *e*, I may cut slits *g* upward from the edge of the blanket and unite the two edges by straps *h* and a buckle. Such a slit with buckled strap may be made in the position represented, or farther back, and allows the blanket  
15 to be put partly inside and partly outside or wholly inside of the shaft without passing it over the end of the latter. It also provides for bringing any part of the harness that may be desired through the blanket.

20 Though the blanket or cover is here represented as consisting of a single piece of material, it might be composed of several pieces permanently connected together by sewing or otherwise, whereby it consists in any case of  
25 a single piece of clothing.

By my invention I provide a blanket or cover which is not subjected to a severe strain

by the movements of the horse, and which covers the horse more closely than ordinary blankets or coverings.

What I claim as my invention, and desire  
30 to secure by Letters Patent, is—

1. A horse blanket or cover consisting of a single piece of clothing comprising a body portion and a hood, and having in front of the  
35 position occupied by the saddle a transverse opening closed by an elastic strip or strips, substantially as specified.

2. The horse blanket or cover *A*, divided transversely at *a*, and having its divided por-  
40 tions overlapping each other and connected by straps *b*, of elastic material, arranged in pairs, the straps of each pair being in line longitudinally one with the other, substantially as and  
45 for the purpose specified.

3. A blanket provided with one or more slits, *g*, extending from the lower edge upward, and provided at the bottom with straps *h*, for closing the lower parts of the said slits, sub-  
stantially as herein described.

ISAAC E. PALMER.

Witnesses:

A. PUTNAM,  
GEO. W. BURKE.