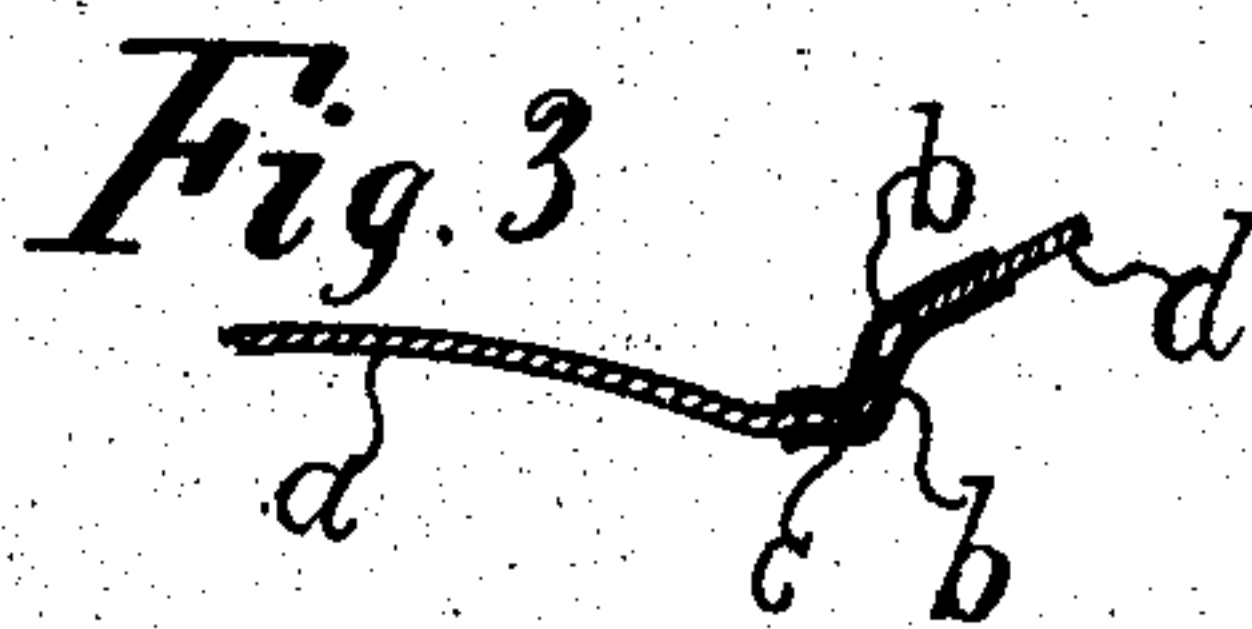
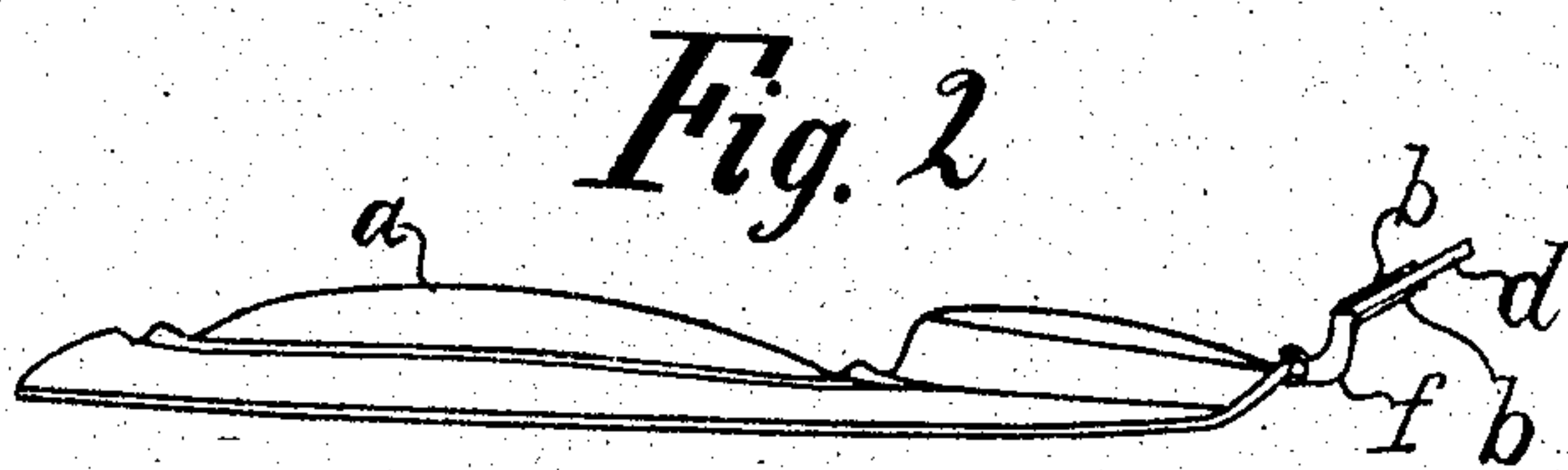
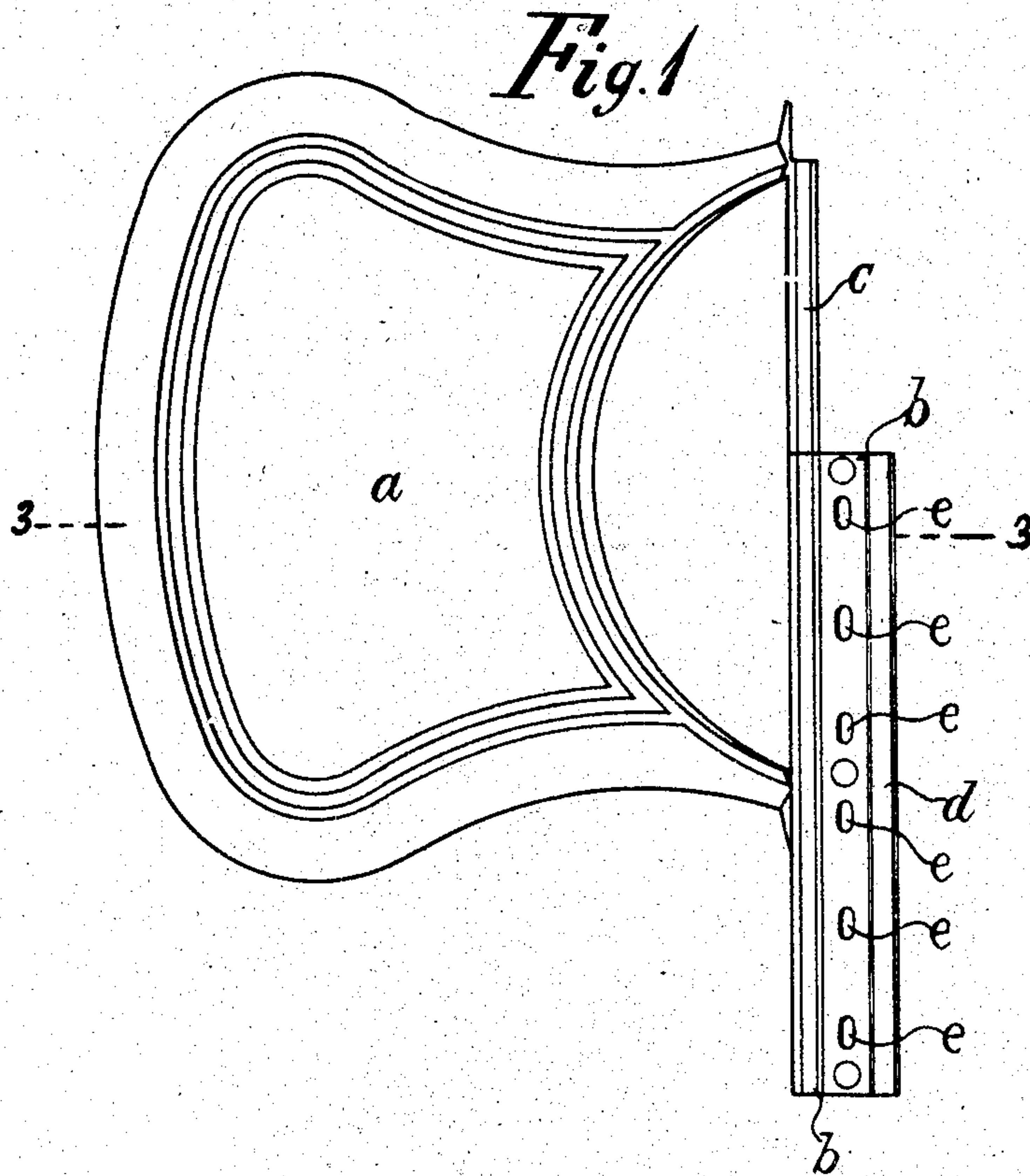


No. 786,878.

PATENTED APR. 11, 1905.

E. DIEDRICH.
BLINDER.

APPLICATION FILED JULY 1, 1903.



Witnesses:
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UNITED STATES PATENT OFFICE.

ERNST DIEDRICH, OF HAMBURG, GERMANY.

BLINDER.

SPECIFICATION forming part of Letters Patent No. 786,878, dated April 11, 1905.

Application filed July 1, 1903. Serial No. 163,966.

To all whom it may concern:

Be it known that I, ERNST DIEDRICH, a subject of the Emperor of Germany, residing at Hamburg, Germany, have invented certain new and useful Improvements in Blinders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Object of the present invention is a changeable blinder for horses, which is made of celluloid or some similar material.

The blinder is made of celluloid which is supplied with an addition of such color that same cannot be penetrated by chemically-working rays of light. A fold is attached to the back edge of the blinder, and this fold lies in a runner. The blinder can be moved upward in this runner. The runner is closed downward by an extra piece. In this manner a light, easily changeable, durable, and practical blinder for horses is manufactured.

The blinder is clearly shown in the drawings.

Figure 1 is a full view. Fig. 2 is a side view. Fig. 3 is a section of the back part of the blinder and the fastening-runner on the line 3 3 of Fig. 1.

a is the blinder.

b is the runner.

c is the hinder fold of the blinder.

d is an inset which is fastened to the runner *b*.

e e are holes which pass through the runner *b* and through the inset *d*. The fastening of the runner, as well as the fastening of the blinder to the checkreins, is made by sewing by means of these holes. The inset *d* has the same thickness as the fold *c*. Both parts of the runner (see Fig. 3) are exactly parallel.

f, Fig. 2, is the extra piece by which the two lower parts of the runner are bound. The blinder cannot, therefore, be pushed up from underneath, but can be inserted only from above.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. A blinder of celluloid having a fold at one edge, a runner receiving said fold whereby the blinder may be slid therein, and having an inset of the same thickness as said fold and the runner and inset provided with coincident holes as and for the purpose specified.

2. A blinder having at one edge a fold, a runner receiving said fold slidably and having an inset, and a piece *f* securing the two lower parts of the runner together and closing the end thereof, as and for the purpose set forth.

In witness whereof I have hereunto set my hand in presence of two witnesses.

ERNST DIEDRICH.

Witnesses:

E. H. L. MUMMENHOFF,
OTTO W. HELLMRICH.