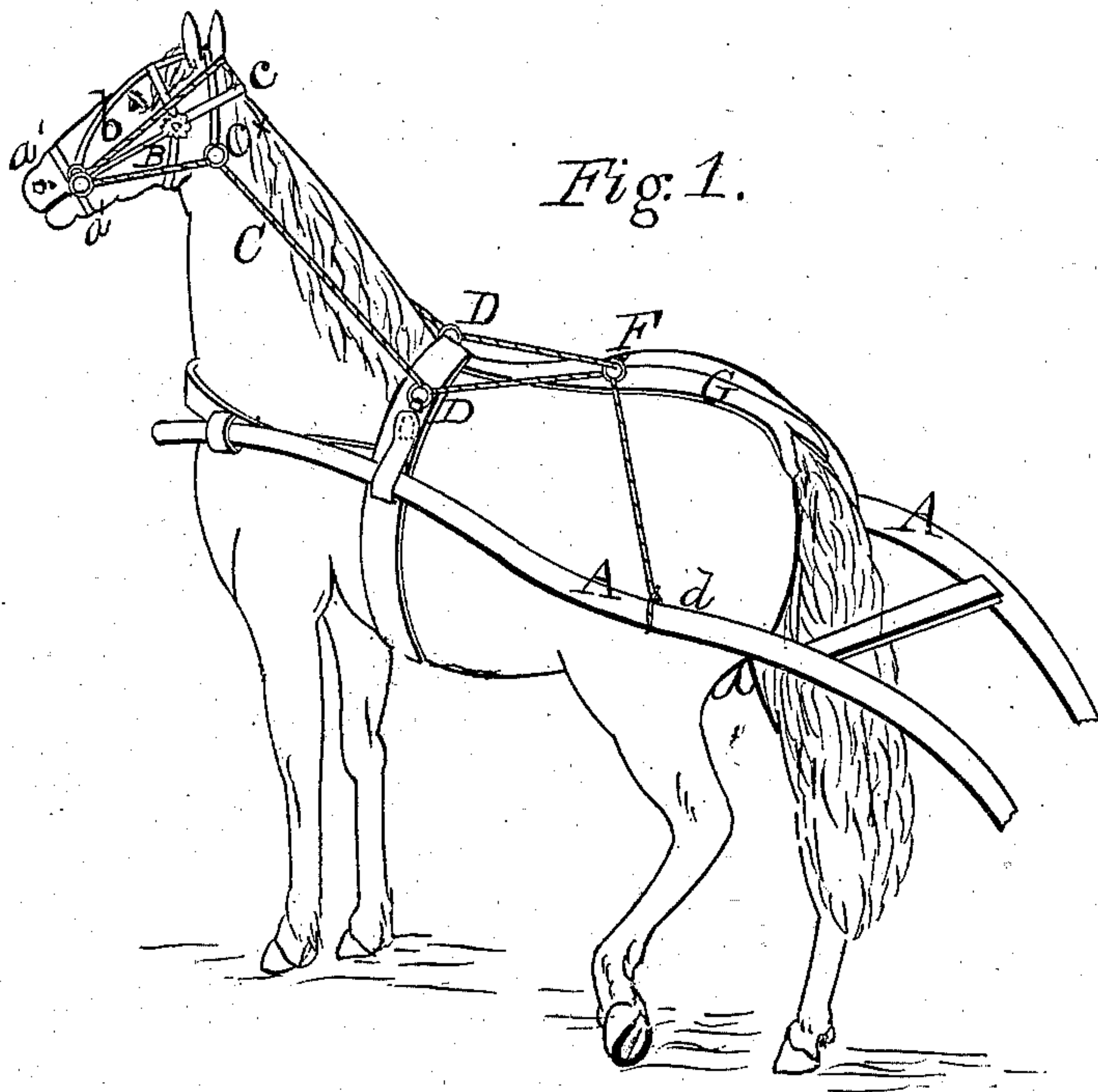


*O. H. P. Fancher,*

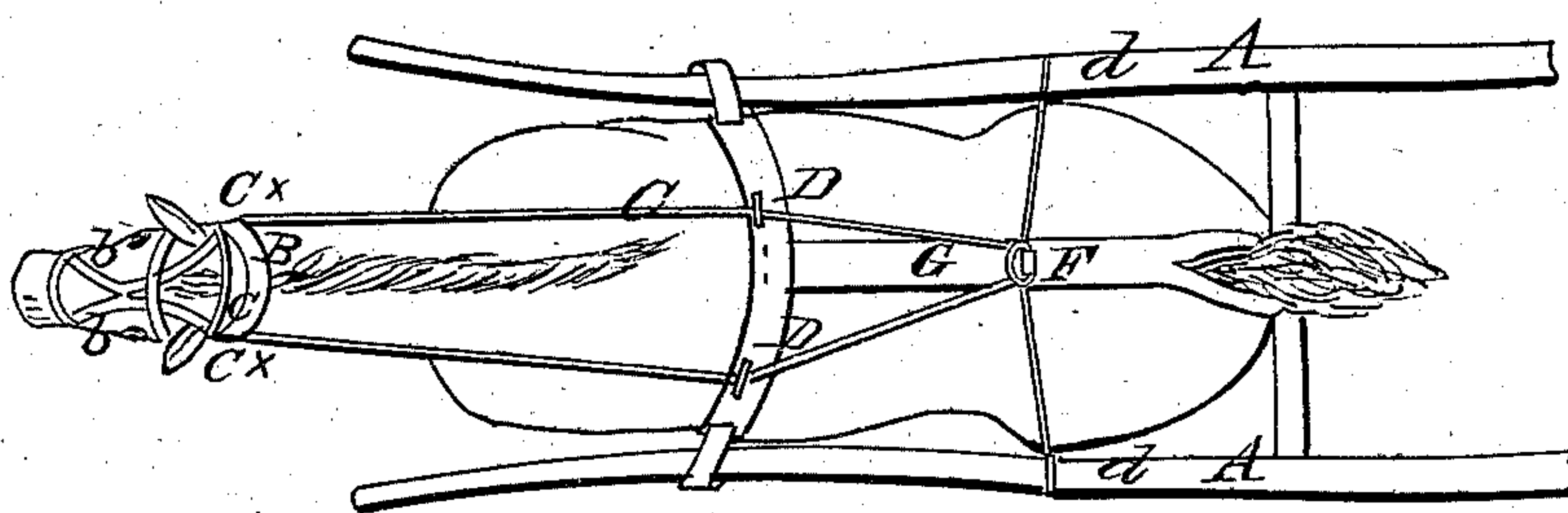
*Harness Attachment.*

*N<sup>o</sup> 70,185.*

*Patented Oct. 29, 1867.*



*Fig. 2.*



*Witnesses*

*Alex T. Roberts*  
*J. A. Service.*

*Inventor*

*O. H. P. Fancher*

*per Hunt & Co*  
*Attorneys*

# United States Patent Office.

O. H. P. FANCHER, OF NEW YORK, N. Y.

*Letters Patent No. 70,185, dated October 29, 1867.*

## IMPROVED ANTI-KICKING ATTACHMENT FOR HORSES.

*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, O. H. P. FANCHER, of the city, county, and State of New York, have invented a new and improved Anti-Kicking Attachment for Horses, and that the following description, taken in connection with the accompanying drawings hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvements, by which my invention may be distinguished from all others of a similar class, together with such parts as I claim, and desire to have secured to me by Letters Patent.

This invention relates to a new and improved anti-kicking attachment to be applied to horses in harness.

The object of the invention is to obtain a device for the purpose specified, which will be self-operating, and require no special care or attention on the part of the driver to apply it or cause it to act. In the accompanying sheet of drawings—

Figure 1 is a perspective view of a horse in harness with my invention applied to it.

Figure 2, a plan or top view of the same.

Similar letters of reference indicate like parts.

A represents the thills of a vehicle in which the horse is harnessed in the usual way. B is the bridle, which may be constructed in the ordinary manner, with the following additions to it: Each end of the bit, which may be a snaffle, has two rings, *a a'*, attached to it, and to one ring, *a*, on each side, the lower ends of straps *b b* are attached, which extend upward over the top of the head of the horse, and pass underneath the head-straps *c* of the bridle, through loops, if required to keep them in proper place, the upper ends of said straps extending a little down, one at each side of the horse's neck, and having a strap, C, passing through rings C<sup>x</sup>, attached to their ends. This strap C passes through the other bit-rings *a'*, and extends over the top of the horse's head, and passes through the terrets D of the saddle E, and through a ring, F, secured firmly to the crupper-strap G, and then, extending down at each side of the horse, is permanently secured to the thills A, as shown at *d d*. The thills, it will be seen, in consequence of being attached to the front axle of the vehicle, as usual, are fixed, and consequently, should the horse attempt to kick, the strap C would be subjected to a pull or draw precisely the same as if pulled by the driver, and the strap C, in consequence of being subjected to this pull or draw, will cause the bit to be drawn upward in the mouth of the horse, throwing his head up and effectually preventing kicking. This upward pull of the bit is effected through the medium of both pairs of rings *a a'*, as the straps *b b*, to which the bit-rings *a* are connected, are actuated in consequence of the rings C<sup>x</sup> being attached to their upper ends, through which rings and the bit-rings *a* the strap C passes.

This invention has been practically tested, and has been found to operate well. The appliances hitherto used to prevent horses from kicking require to be operated by the driver, and hence the horse always has a chance to kick once or twice before being checked; besides, these devices require a driver to be constantly on the alert or watch, and hence they are not a perfect safeguard.

My improvement is operated by the horse whenever he attempts to kick, no special care or attention on the part of the driver being required.

I would remark that a curb-bit may, if necessary, be used with this invention. In this case the rings *a'*, instead of being attached to the ends of the bar of the bit, are attached to the cheek or end pieces, below the bar of the bit, where the reins are usually attached in using a curb-bit.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

The strap C, applied to the thills A and bit-rings *a'*, as shown, in combination with the straps *b b*, bit-rings *a*, and rings C<sup>x</sup>, all arranged to operate substantially as and for the purpose set forth.

The above specification of my invention signed by me this 16th day of July, 1867.

Witnesses:

WM. F. McNAMARA,  
J. A. SERVICE.

O. H. P. FANCHER.