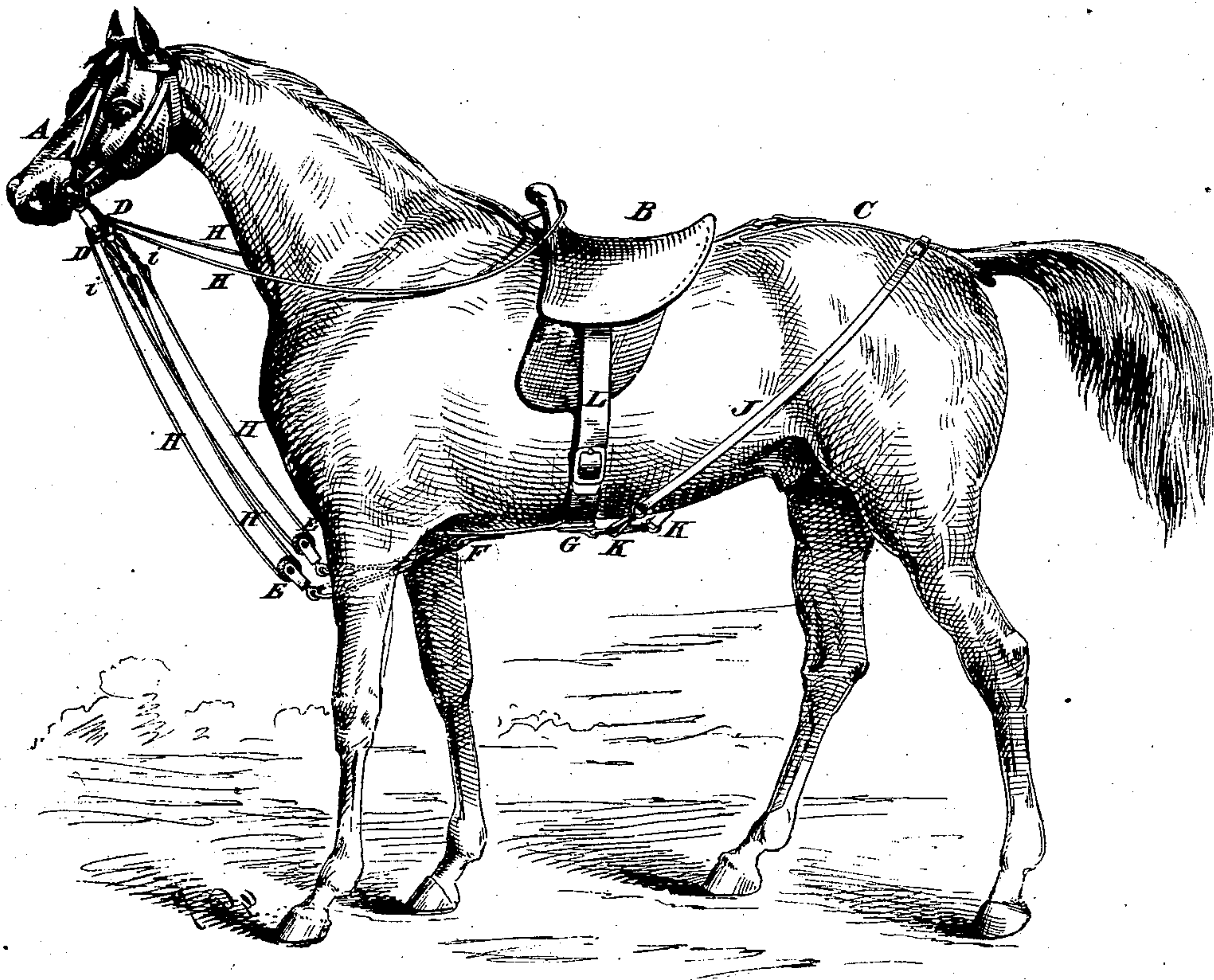


A. HITT.  
Saddle-Horse Apparatus.

No. 160,322.

Patented March 2, 1875.



WITNESSES:  
*Gustave Kietzsch*  
*A. F. Terry*

INVENTOR:  
*A. Hitt*  
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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

ADRIAN HITT, OF FLORA, ILLINOIS.

## IMPROVEMENT IN SADDLE-HORSE APPARATUS.

Specification forming part of Letters Patent No. **160,322**, dated March 2, 1875; application filed August 10, 1874.

*To all whom it may concern:*

Be it known that I, ADRIAN HITT, of Flora, in the county of Clay and State of Illinois, have invented a new and useful Improvement in Saddle-Horse Apparatus, of which the following is a specification:

The invention consists in a stay-strap extending from the crupper on each side of the horse, and connecting with the strap which supports the breast-pulleys.

The accompanying drawing illustrates my invention.

Similar letters of reference indicate corresponding parts.

A is the bridle; B, the saddle; C, the crupper. D D are hanging pulleys attached to the bit-rings. E E are pulleys connected with the forked strap F, which latter passes around the saddle-girth, as seen at G. H H are the reins. The reins pass over the pulleys D D, and extend down and pass under the two pulleys E E, and then extend upward and are fastened

to loops attached to the upper pulleys D D, as seen at i i. J is a stay-strap on each side of the horse, which is attached to the crupper C, and to the end of the forked strap F, as seen at K K. L is the saddle-girth.

The stay-straps counteract the forward pull of the forked strap F when the rider draws upon the reins, and prevents folding or wrinkling of the girth, or its being drawn forward toward or between the fore-legs of the horse, as happens when the ordinary martingale attachment is used.

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

In combination with the crupper and pulley-strap F, the stay-straps J, substantially as and for the purposes described.

ADRIAN HITT.

Witnesses:

MILTON W. FELL,  
CALEB HITT.