

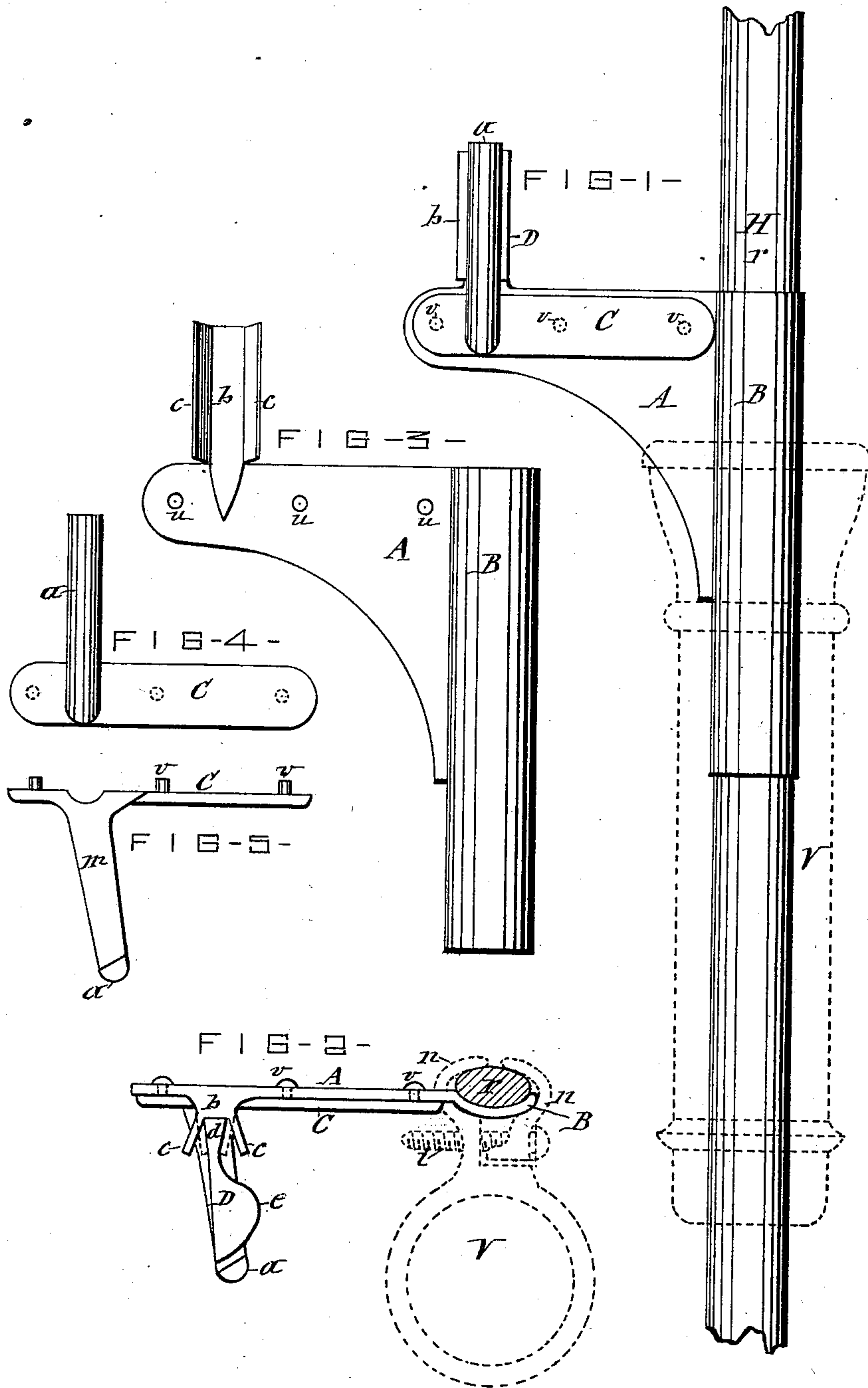
(No Model.)

C. M. GRANNIS & J. L. THOMSON.

REIN HOLDER.

No. 254,545.

Patented Mar. 7, 1882.



WITNESSES—

*Wm. C. Raymond.*  
*C. A. Duell*

INVENTORS—

*Charles M. Grannis*  
*and Judson L. Thomson*  
*per Duell, Laessle & Key*  
*Attorneys*

# UNITED STATES PATENT OFFICE.

CHARLES M. GRANNIS AND JUDSON L. THOMSON, OF SYRACUSE, NEW YORK.

## REIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 254,545, dated March 7, 1882.

Application filed December 9, 1881. (No model.)

*To all whom it may concern:*

Be it known that we, CHARLES M. GRANNIS and JUDSON L. THOMSON, both of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Rein-Holders, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to a novel construction of a rein-holder designed to afford the greatest facility of securing it at the rear of the dash-board of a vehicle, and to have its rein-holding block more firmly secured and better capable of holding the rein than other similar devices employed for that purpose.

The construction of our improved rein-holder is as follows:

Referring to the annexed drawings, Figure 1 is a face view of our invention, showing its attachment to the dash-board. Fig. 2 is a plan view of the same. Fig. 3 is a detached view of the plate by which the rein-holder is attached to the dash-board, and Figs. 4 and 5 are detached front and plan views of the plate which carries the post or stationary part of the rein-holding gripe.

Similar letters of reference indicate corresponding parts.

H represents the usual dash-board frame, formed of iron rails of oval form in cross-section.

V denotes the whip-socket, provided with jaws *n n*, adapted to embrace the end rail, *r*, of the dash-board frame, and clamped thereon by a set-screw, *i*, in the ordinary manner, said whip-socket and its attachment being shown by dotted lines in Figs. 1 and 2 of the drawings.

A is a metal plate having a concavo-convex dependent rigid extension or shank, B, which is fitted to the end rail, *r*, of the dash-board frame, and adapted to be inserted between the jaws *n n*, and clamped onto the rail *r* by the said jaws, thus making the attachment of the plate A simultaneously with the attachment of the whip-socket to the dash-board, and without the necessity of making extra perforations in the dash-board, as has hitherto been the custom. The plate A extends horizontally from the shank B back of the dash-board, and is provided on its free end with a vertically-

extended arm, *b*, which has side flanges, *c c*, extending the length of said arm. A block, D, preferably composed of india-rubber, has one end formed into a dovetail, as shown at *d*, and is thereby flexibly connected to the arm *b*, the flanges *c c* of which are pressed inward upon the dovetailed end *d* of the block D, as indicated by dotted lines in Fig. 2 of the drawings, so as to firmly clamp the same on the arm *b*.

To the face of the plate A is rigidly secured a plate, C, having studs or rivets *v v* projecting from one side thereof, which rivets pass through holes *u u* in the plate A, and are upset upon the back of said plate. The plate C has a horizontal arm, *m*, from the free end of which projects upward a post, *a*, which is in close proximity to the free end of the block D, and has its adjacent face beveled, as shown in Fig. 2 of the drawings. The back of the body of the block D is made convex, to form a cam or eccentric, *e*, and to thus more firmly gripe the rein, which is placed between the free end of the block D and the adjacent beveled face of the post *a*.

Having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The plate A, provided with suitable devices for holding the rein, and having the concavo-convex shank B inserted between the whip-socket and dash-board frame, and clamped in position by the clamp which attaches the whip-socket, substantially as described and shown.

2. In combination with the plate C, provided with the post *a*, the plate A, having the arm *b*, provided with side flanges, *c c*, and the block D, having the dovetailed end *d*, clamped between the flanges *c c*, substantially as described and shown.

In testimony whereof we have hereunto signed our names and affixed our seals in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 16th day of November, 1881.

CHARLES M. GRANNIS. [L. S.]  
JUDSON L. THOMSON. [L. S.]

Witnesses:

K. HEY,  
C. H. DUELL.