

(No Model.)

C. H. LEHMANN & J. H. SOUTHCOTT.

COMBINED HAME AND COLLAR FOR HORSES.

No. 412,633.

Patented Oct. 8, 1889.

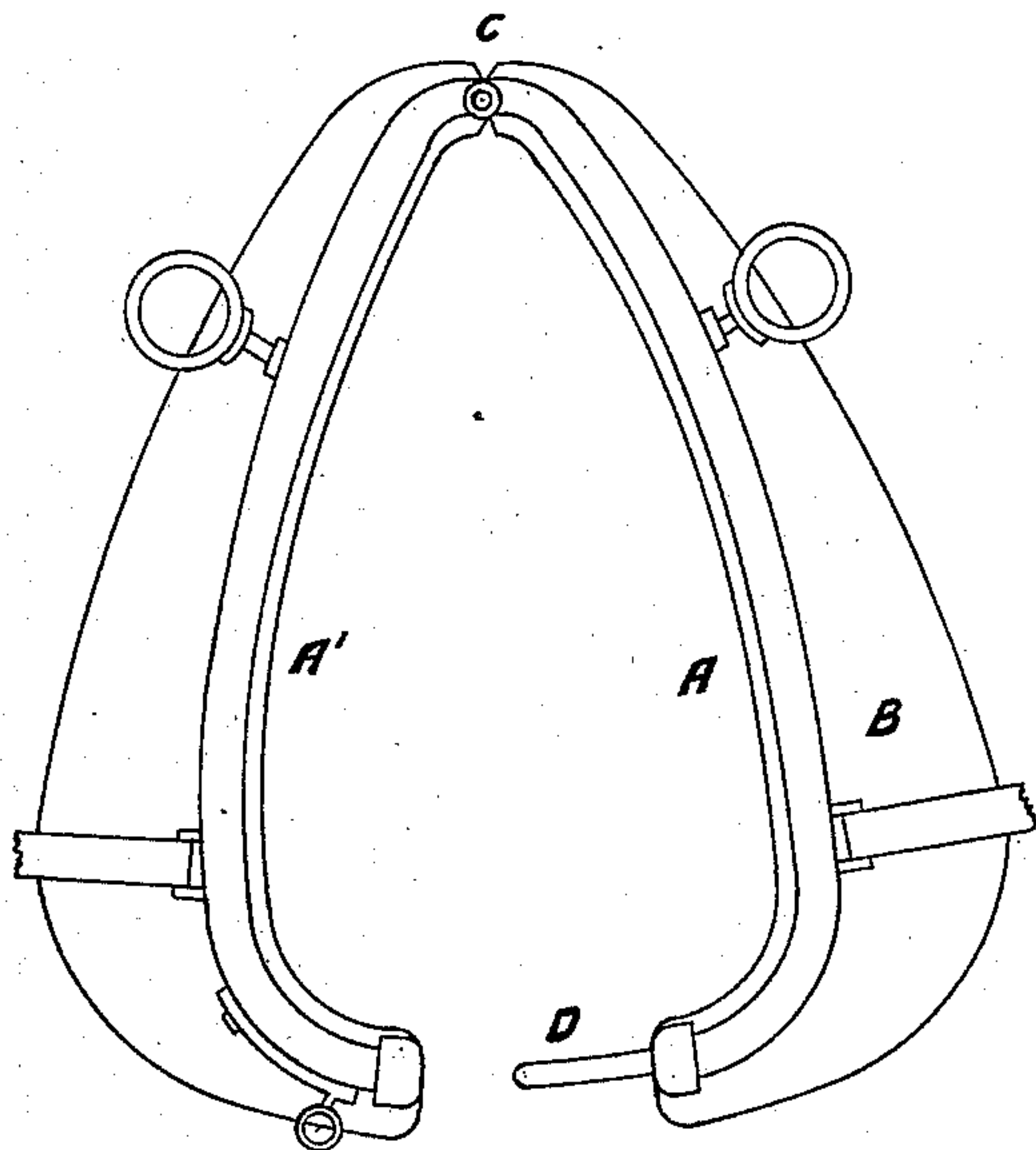


FIG. 1.

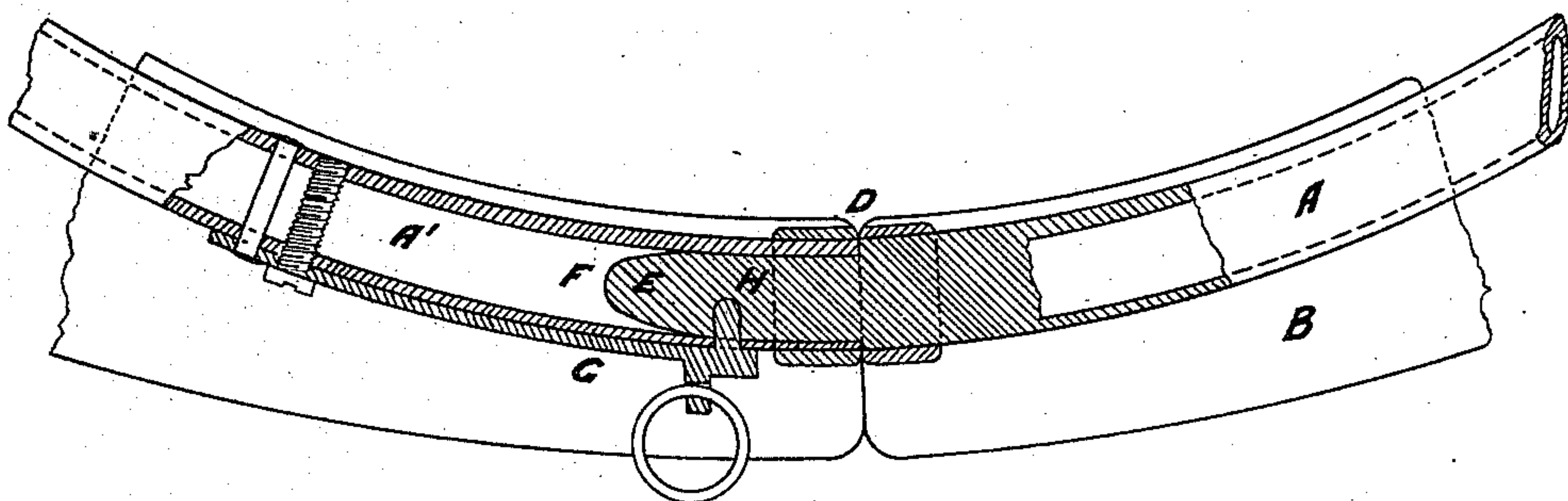


FIG. 2.

Witnesses:

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By

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# UNITED STATES PATENT OFFICE.

CHRISTIAN HEINRICH LEHMANN AND JAMES HENRY SOUTHCOTT, OF  
ADELAIDE, SOUTH AUSTRALIA.

## COMBINED HAME AND COLLAR FOR HORSES.

SPECIFICATION forming part of Letters Patent No. 412,633, dated October 8, 1889.

Application filed September 15, 1888. Serial No. 285,508. (No model.) Patented in South Australia July 23, 1888, No. 1,037; in New South Wales July 28, 1888, No. 815; in Queensland August 1, 1888, No. 521; in New Zealand August 9, 1888, No. 3,168, and in England September 15, 1888, No. 13,343.

*To all whom it may concern:*

Be it known that we, CHRISTIAN HEINRICH LEHMANN and JAMES HENRY SOUTHCOTT, saddlers, subjects of the Queen of Great Britain, residing at Adelaide, in the Province of South Australia, have invented a Combined Hame and Collar for Horses, (patented in South Australia July 23, 1888, No. 1,037; in New South Wales July 28, 1888, No. 815; in Queensland August 1, 1888, No. 521; in New Zealand August 9, 1888, No. 3,168, and in Great Britain September 15, 1888, No. 13,343,) of which the following is a full, clear, and exact description.

In order that our invention may be the better understood, we will now proceed to describe the same by reference to the accompanying drawings, in which—

Figure 1 is a front elevation of the collar and hames complete; Fig. 2, a sectional elevation of the lower portion of the hames, showing the spring-catch.

A A' are two parts of hames; B, collar, also in two parts and formed upon the parts A A'; C, upper joint or hinge of hames; D, lower joint of hames; E, solid projecting piece welded inside the part A; F, socket formed inside A' and provided with an opening through which the head of spring-catch passes; G, spring-catch attached to A' by suitable bolt and screw; H, hole in solid piece, into which the head of G falls on being pressed home. A suitable ring is attached to the head of the spring G, whereby it is withdrawn from the

hole H when it is desired to remove the collar from the horse's neck, the pull on said ring serving first to withdraw the spring-actuated projection from seat H and then to separate the hinged hame-piece A' from part A.

Having now particularly described and explained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is—

In a combined horse-collar and hames hinged together at the top, the tubular hame-pieces A A', the latter forming a socket F and the former having the solid projecting piece E, rigidly secured in the tubular end of said piece A, adapted to enter the opposite tubular hame portion and having the seat H, a spring-actuated projection passing through the tubular piece A' and adapted to enter said seat, and a ring for drawing aside said piece A' and separating it from the part A, said ring being connected with the spring-actuated projection, whereby when pulled it first withdraws said projection.

In witness whereof we have hereunto subscribed our names in the presence of two subscribing witnesses.

CHRISTIAN HEINRICH LEHMANN.  
JAMES HENRY SOUTHCOTT.

Witnesses:

THOMAS CORIN HOLLAND,  
Public Notary, Adelaide, S. A.  
EDWIN BLACKLER COLTON,  
Solicitor, Adelaide.