

*D. Lincoln,
Horse-Collar Fastener.*

N^o 67,201.

Patented July 30, 1867.

Fig 2.

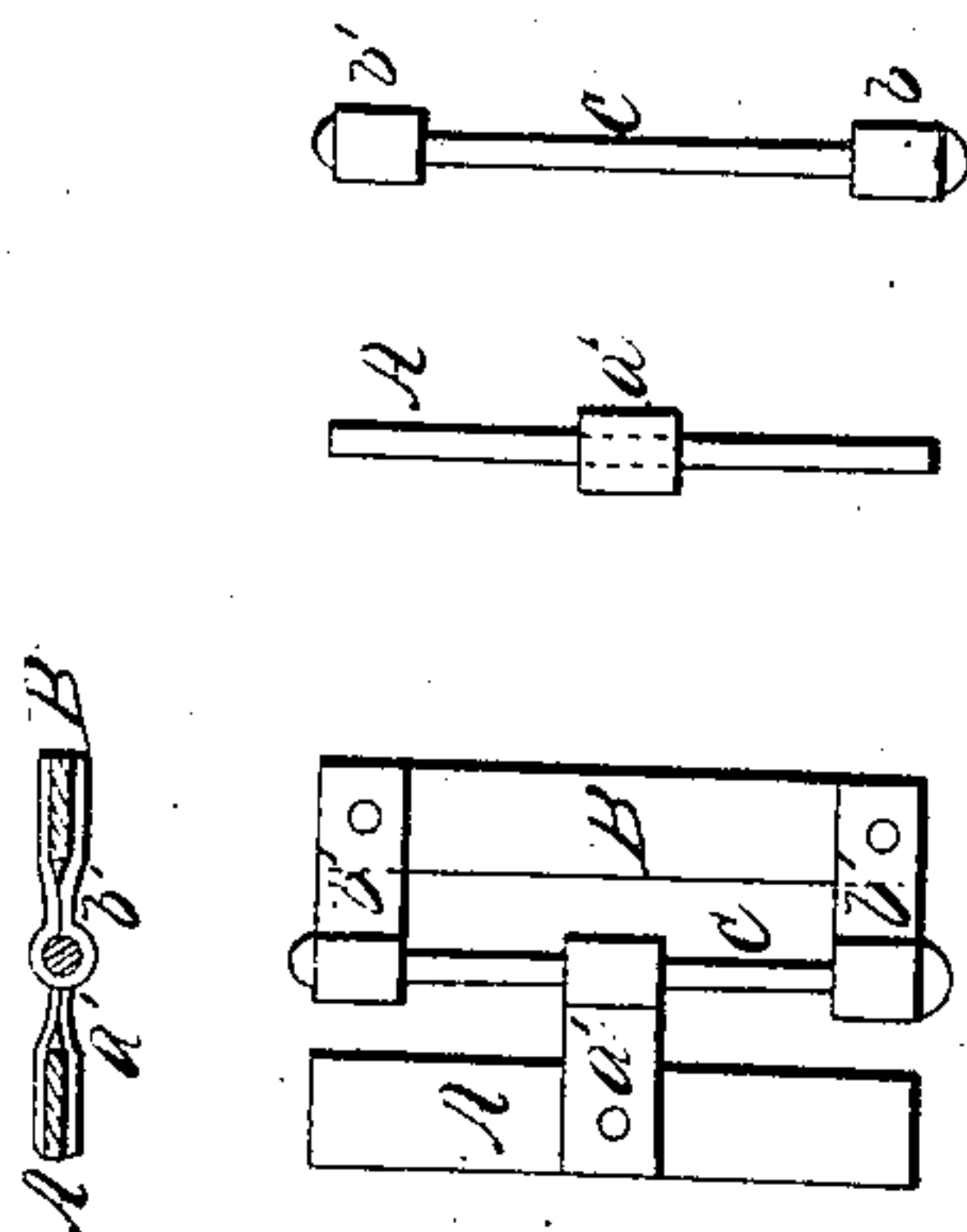
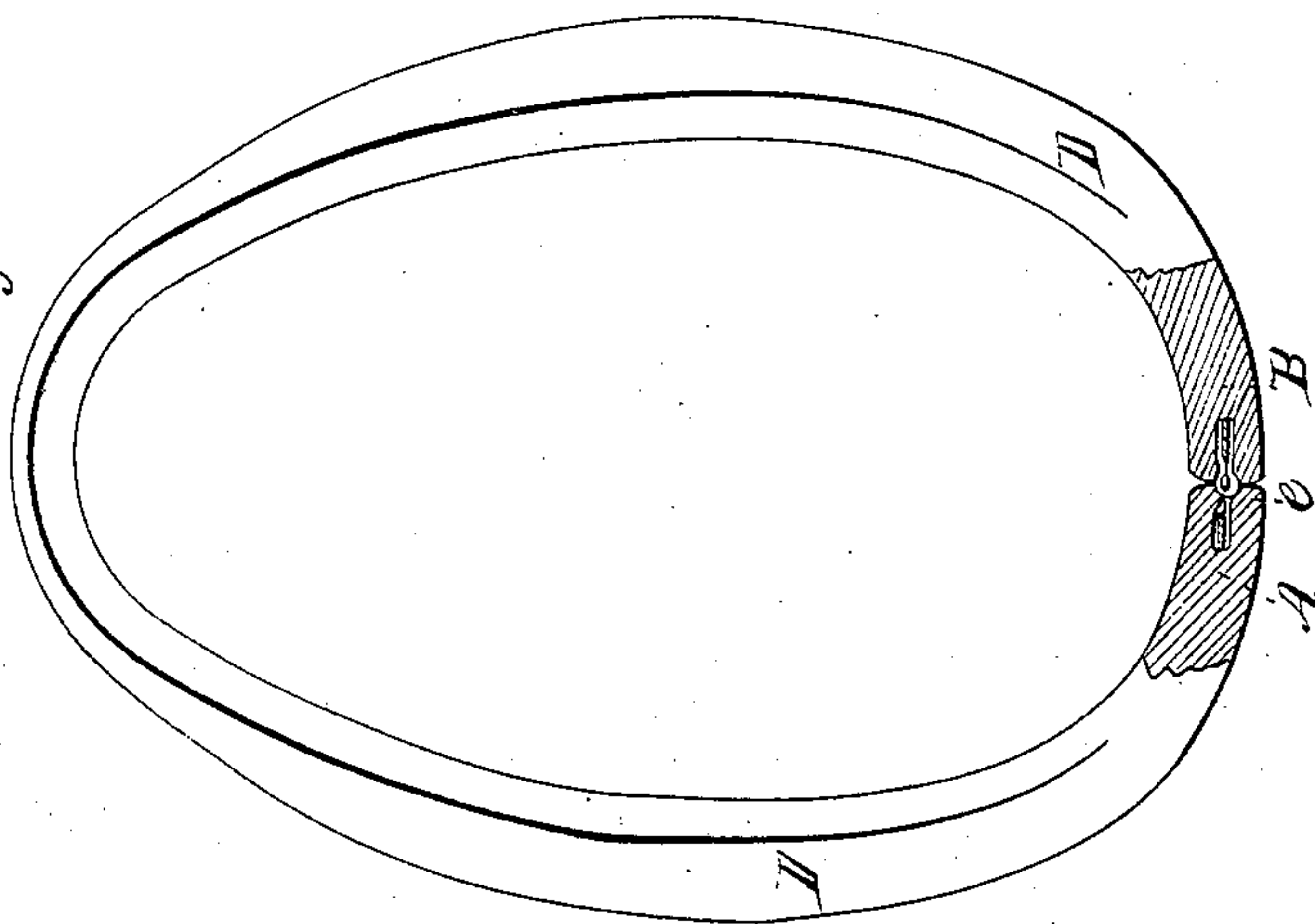


Fig. 1.



Witnesses.

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United States Patent Office.

DANIEL LINCOLN, OF JOHNSONBURG, NEW YORK.

Letters Patent No. 67,201, dated July 30, 1867.

IMPROVEMENT IN HORSE-COLLAR.

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, DANIEL LINCOLN, of Johnsonburg, in the county of Wyoming, and State of New York, have invented a new and improved Horse-Collar; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure I is a vertical and sectional elevation of a horse-collar made upon the principle of my improvement.

Figure II is a plan view of a sliding lock and its parts, which is inserted in or connected with the lower parts of the collar.

The nature of this invention consists in inserting into or using with the lower parts of a horse-collar, a sliding locking device, which will connect the two parts of the collar, and also permit a movement of the two parts in a manner to cause an equal draught pressure upon each shoulder at each step as the horse travels.

Letters of like name and kind refer to like parts in each of the figures.

D represents a horse-collar, made of leather, and stuffed in a common manner, except that it is left open at the bottom, for the insertion of my improvement, as shown in Fig. I. A represents a flat metal strip, having a clasp, *a'*, projecting from near the centre thereof. This metal strip A is sewed, riveted, or otherwise fastened into the lower end of one half of the collar, in a manner to allow the clasp *a'* to project slightly from the collar. B represents a metal strip, having a clasp, *b'*, projecting from each end, and clasping and holding a round metal rod, *c*, at each end as represented. This flat strip B is sewed, riveted, or otherwise fastened in the lower end of the other half of the collar, in a manner to allow the metal rod *c* to lie just outside and across the end of the collar. The rod *c* has a head at each end, so that it will be retained immovably by the clasp *b'*. The clasp *a'* takes hold of the rod *c* loosely, or in a manner to allow it to slide easily back and forth on the rod C as the horse travels forward. This movement will cause the two parts of the collar to bear equally upon and to produce an equal draught pressure upon each shoulder, at each step, as the horse travels forward.

It is well known that in the common construction of horse-collars the two parts are rigidly connected together at the bottom as one. This rigid construction brings the whole draught strain upon one shoulder, alternately, because, in travelling, one shoulder of the horse is constantly and alternately put in advance of the other, which causes the collar to set unevenly, and to rub, chafe, and gall the shoulders.

My improvement avoids this difficulty and permits the collar to conform to the varying movements of the shoulders, and equalizes the draught-pull upon each shoulder, and prevents undue chafing and rubbing.

What I claim as my invention, and desire to secure by Letters Patent, is—

A locking or coupling device as herein described, inserted into or connected with the lower parts of a horse-collar for the purpose set forth.

DANIEL LINCOLN.

Witnesses:

JASPER KEENEY,

E. B. FORBUSH.