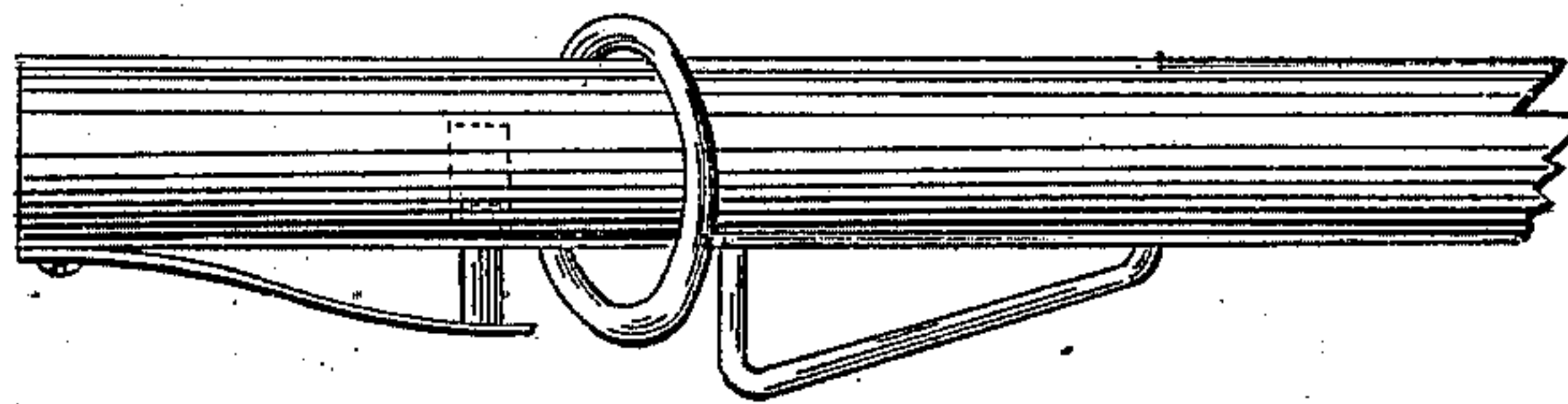


L. KRUSE.  
Wagon-Tongue Support.

No. 81,651.

Patented Sept 1, 1868.



Witnesses.

C. A. Smith }  
m. m. Potter }

Inventor.

L. Kruse

By his Attorney,

J. C. Wheeler

United States Patent Office.

LOIS KRUSE, OF SABULA, IOWA.

*Letters Patent No. 81,651, dated September 1, 1868.*

IMPROVEMENT IN HOLD-BACK.

*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, LOIS KRUSE, of Sabula, in the county of Jackson, and State of Iowa, have invented a new and improved mode of preventing accident from the team becoming detached from the wagon or other vehicle to which they are attached; and I do hereby declare that the following is a full and exact description thereof.

The nature of my invention consists in providing the front end of the tongue with a spring-latch, which prevents the neck-yoke from coming off the tongue, and the tongue from dropping down in case of a tug or trace coming loose, or other accident, whereby the team becomes detached, behind, from the vehicle.

To enable others to make and use my invention, I proceed to describe its construction and operation.

I construct my tongue in the usual form, and apply thereto, upon the front end and under side, a spring-latch about four inches long, fastened to the tongue by means of rivets about two inches from the end. The spring-latch runs back and obliquely down to a point about one inch forward of the stationary latch or stay, and two inches from the tongue, from which said point there is a half-inch round bolt, about one and a half inch long, fastened to the point of said spring-latch, and running up through an iron plate into the tongue, and resting upon a coiled-wire spring.

This spring-latch permits the ordinary neck-yoke to move to its place over the end of the tongue, and secures it in its place between the stationary and the spring-latch, so that in case the team, by any means, becomes detached, behind, from the vehicle, this spring-latch prevents the team from moving forward, so as to let the tongue drop to the ground, from which cause so many serious accidents occur.

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

The application, to the tongues of wagons and other vehicles, of the spring-latch, arranged as hereinbefore set forth, which will secure the neck-yoke in its place, and which may yet be removed when desired.

LOIS KRUSE.

Witnesses:

H. G. CRURY,  
C. SCHRÖDER.