

G. L. KITSON.

Car Coupling.

No. 51,461.

Patented Dec. 12, 1865.

Fig. 1.

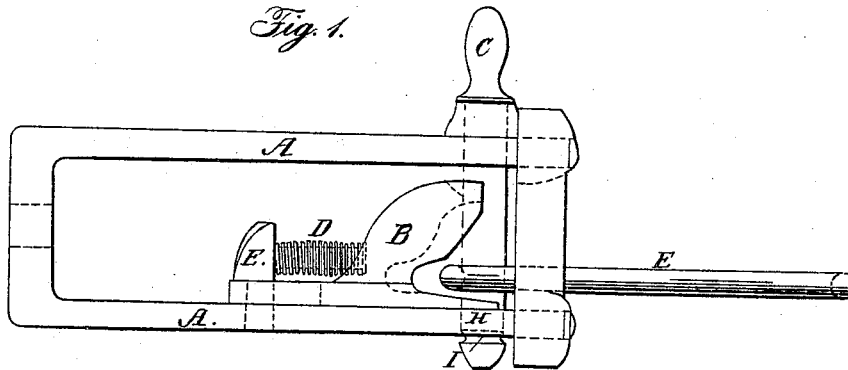


Fig. 2.

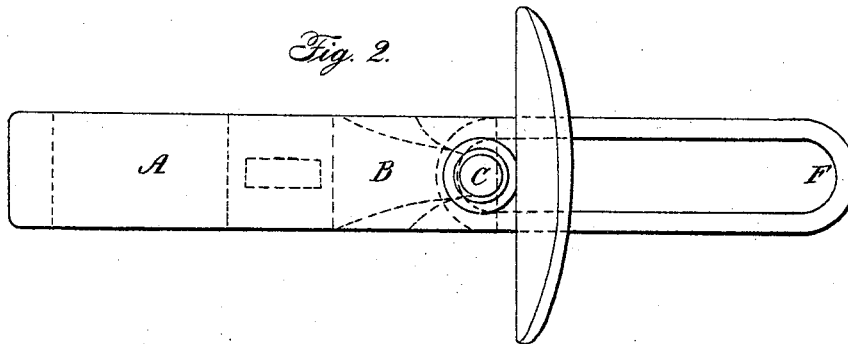
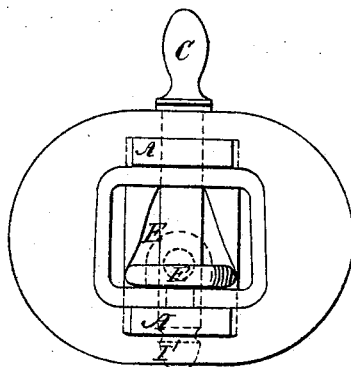


Fig. 3.



Inventor.

George L Kitson

UNITED STATES PATENT OFFICE.

GEORGE L. KITSON, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVED CAR-COUPLING.

Specification forming part of Letters Patent No. 51,461, dated December 12, 1865.

To all whom it may concern:

Be it known that I, GEORGE L. KITSON, of the city of Philadelphia and State of Pennsylvania, have invented an Improved Automatic-Connecting Car-Bumper; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective and sectional view. Fig. 2 is the plan. Fig. 3 is the end view.

The following is the description thereof: It consists in providing a sliding catch, B, to which is attached a spring, D, bearing against a post, E, or its equivalent, which is permanently secured to the bumper proper, A, for the purpose of holding the pin C in such a manner that when the link F, which makes the

connection, presses the said sliding catch B it releases the pin C, which immediately drops through the link F into the hole H below, making a secure connection, the pin C having a groove, I, in the lower end, in order to secure the suspension more perfectly, into which the sliding catch B inserts itself, and also secures it from being accidentally withdrawn from the bumper.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination of the sliding catch B with the spring D, in connection with the pin C and groove I in said pin C.

GEORGE L. KITSON.

Witnesses:

J. F. LANING,
A. R. JONES.