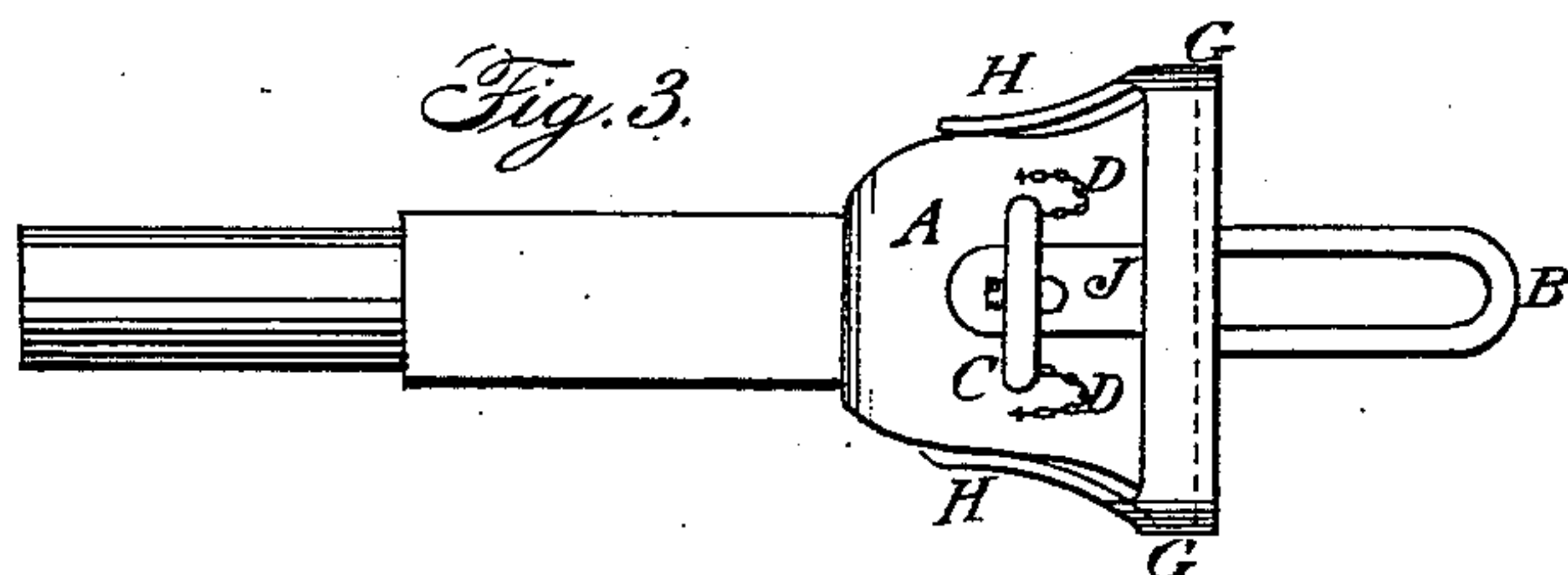
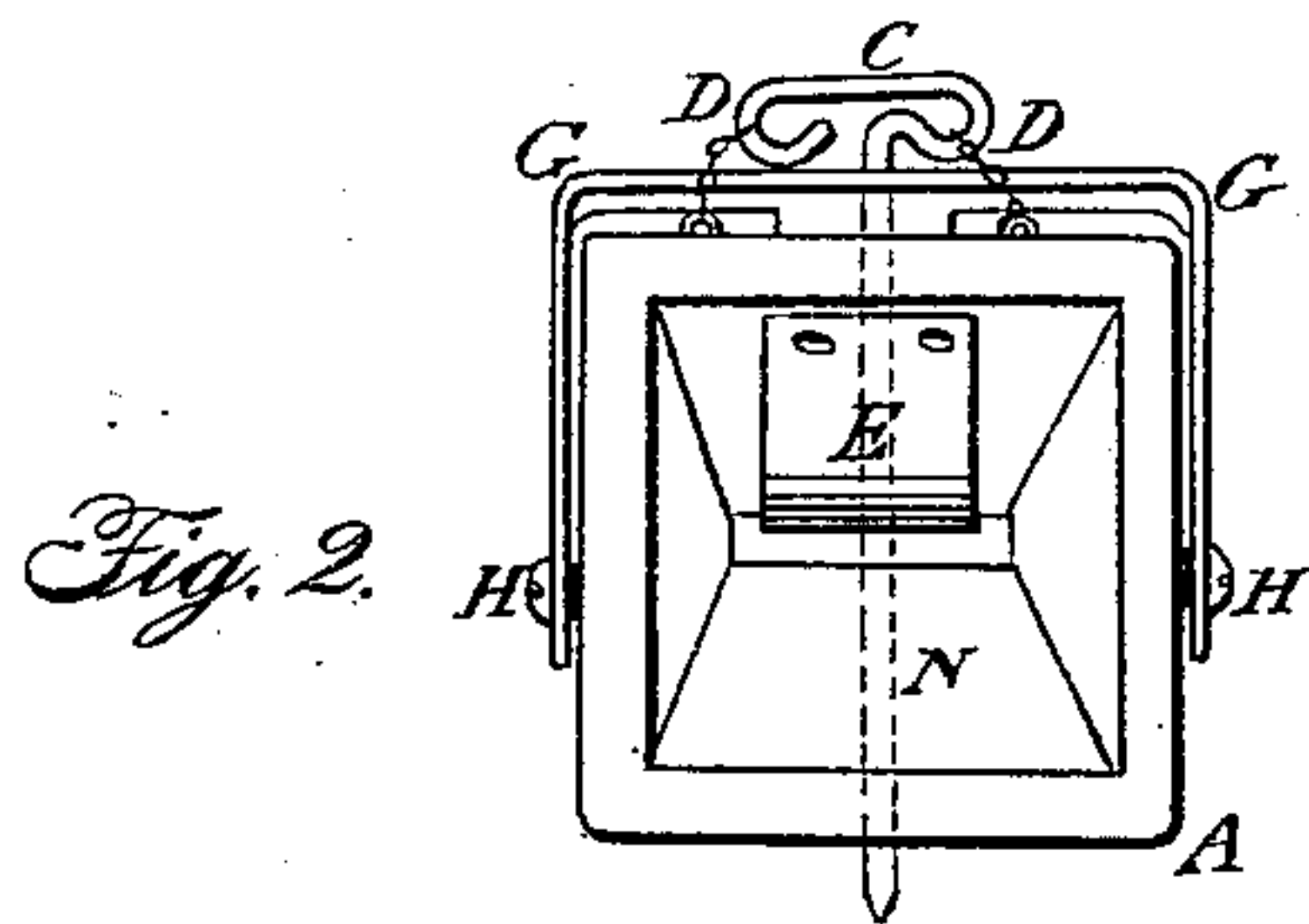
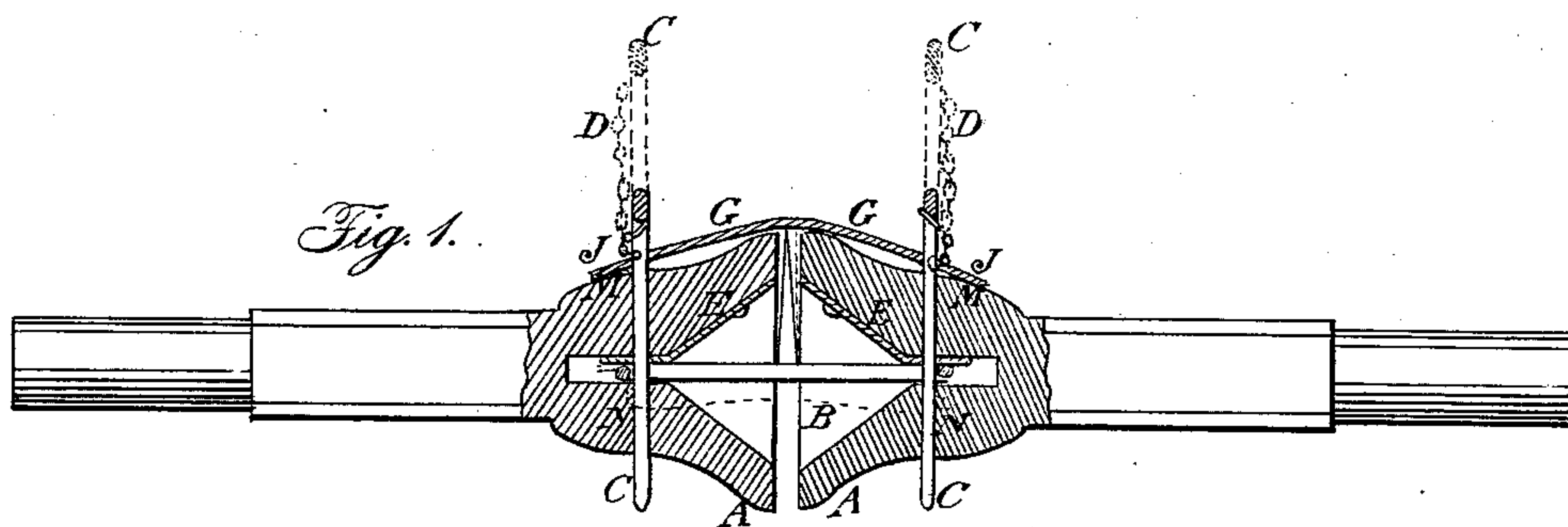


H. SOGGS.
Car Coupling.

No. 61,771.

Patented Feb. 5, 1867.



Witnesses:

C. E. Doddridge
W. C. Heming

Inventor:

Henry Soggs
By his Atty
J. Franklin Reigart

United States Patent Office.

HENRY SOGGS, OF COLUMBUS, PENNSYLVANIA.

Letters Patent No. 61,771, dated February 5, 1867.

IMPROVED CAR-COUPLING.

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, HENRY SOGGS, of Columbus, in the county of Warren, and State of Pennsylvania, have invented new and useful improvements in Car-Couplings; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon making a part of this specification, in which—

Figure 1 represents a longitudinal sectional view of the coupling.

Figure 2, a front view.

Figure 3, a top view.

The nature of my invention consists in a flat spring in the upper side of the mouth, for holding the link straight, for self-coupling and the self-adjusting catch on the outside of the coupling-head, to drop the bolt when the cars are connecting or moving together to be coupled.

A represents the square coupling head; B the connecting-link; C the bolt, with a chain, D, attached to the top to secure the bolt; E is the flat steel spring fastened permanently, by screws or otherwise, to the top of the coupling-head A, and the rear end of the spring bending back with the shape of the head, and an aperture for the bolt to pass through the spring, and as the link B enters the coupling-head its horizontal position is maintained by the pressure of the rear end of the spring upon the end of the link. The catch is a flat, pivoted, and adjustable cap, G, operating on each side of the head A, on pivots H. A flat projecting plate, J, extends from the top of the cap back, with an aperture through it, in which the bolt C is passed, and a niche, M, for the notch N of the bolt to rest in, when the bolt is raised up, and as the coupling-heads A come together the front part of the caps G come in contact, pressing the caps back, and throw off the bolt from its rest, M, and the bolt falls down through the link and the cars are self-coupled.

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

The flat spring in the upper side of the mouth of the coupling-head, and the self-adjusting catch on the outside of the head, when arranged, constructed, and operated as herein described and for the purposes set forth.

HENRY SOGGS.

Witnesses:

J. FRANKLIN REIGART,
JOE BARNETT.