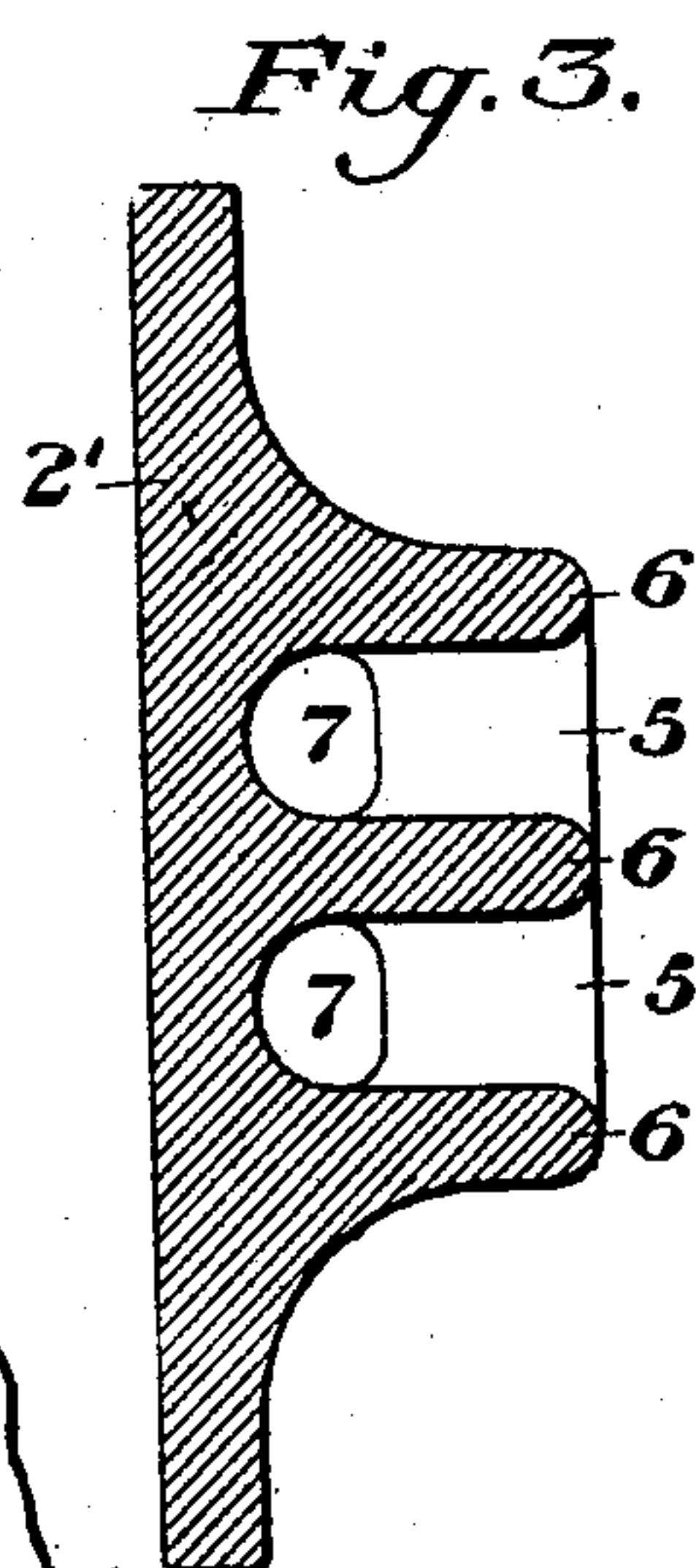
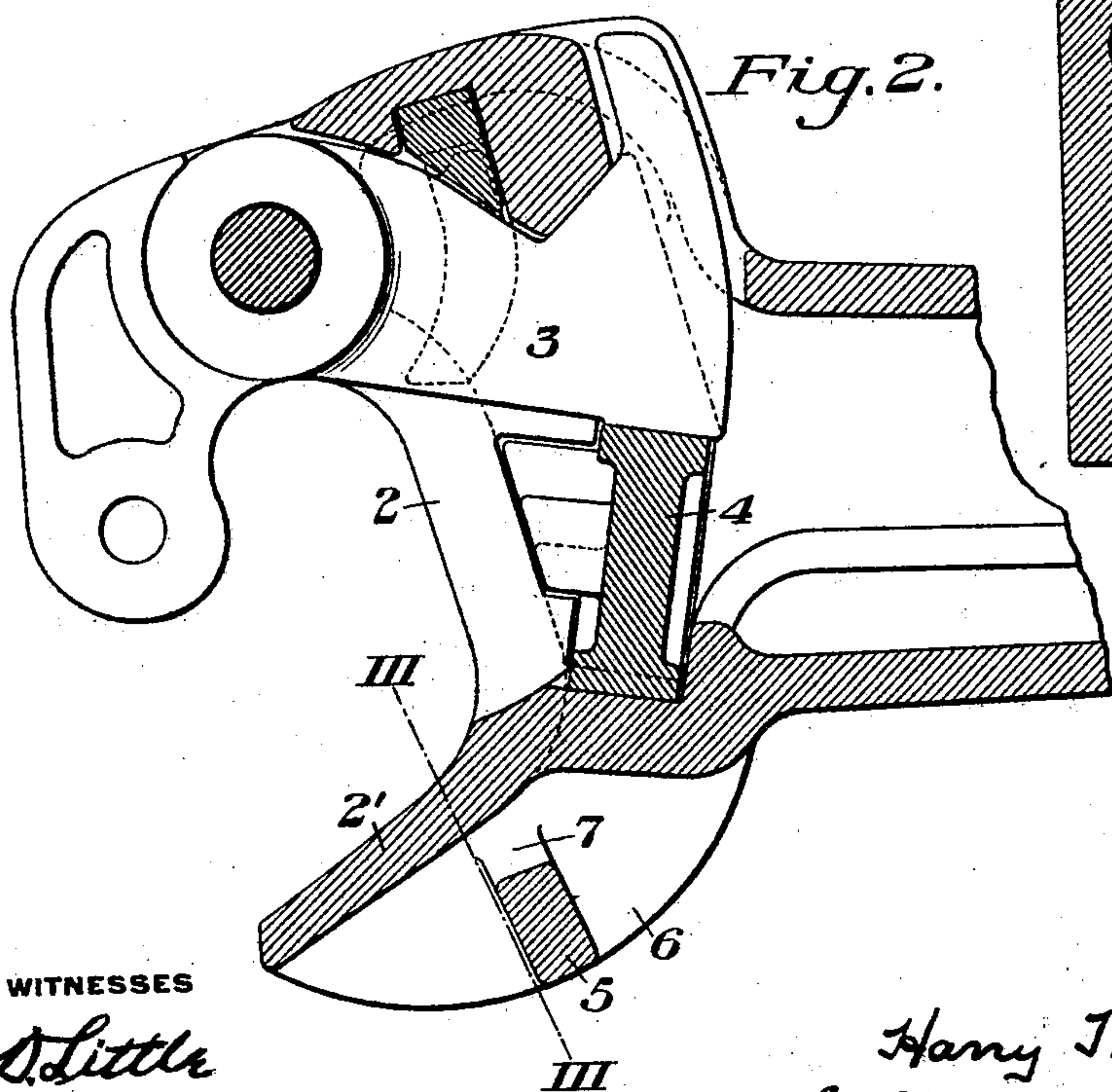
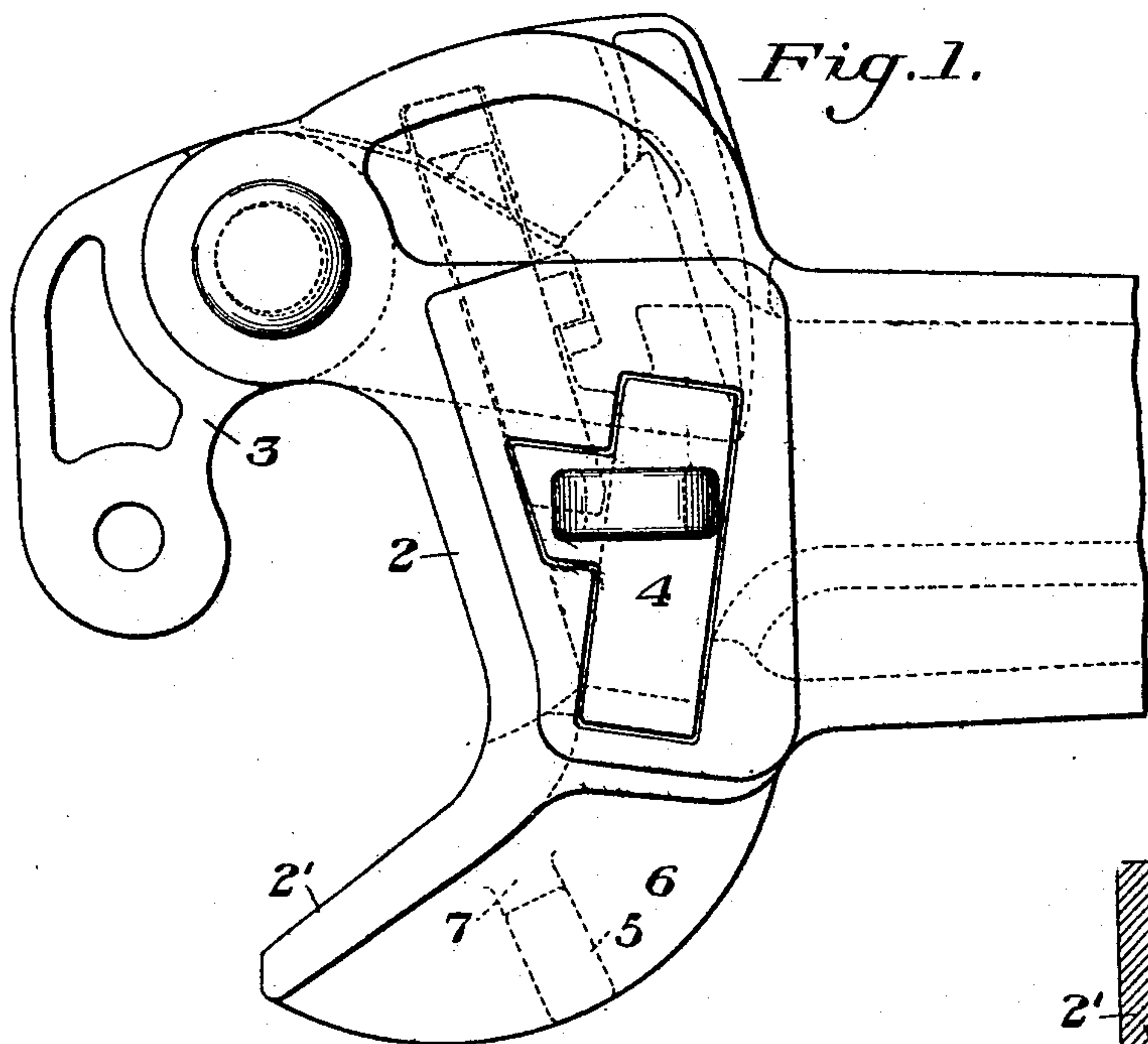


CAR COUPLING.

991,858.

Patented May 9, 1911.



R. D. Little

R. A. Balderson.

Harry J. Krakau
by his attorneys
Askeville Byrne & Lammela

UNITED STATES PATENT OFFICE.

HARRY T. KRAKAU, OF CLEVELAND, OHIO, ASSIGNOR TO THE NATIONAL MALLEABLE CASTINGS COMPANY, OF CLEVELAND, OHIO, A CORPORATION OF OHIO.

CAR-COUPLING.

991,858.

Specification of Letters Patent.

Patented May 9, 1911.

Original application filed June 1, 1908, Serial No. 435,956. Divided and this application filed April 16, 1909, Serial No. 490,260. Renewed July 28, 1910. Serial No. 574,352.

To all whom it may concern:

Be it known that I, HARRY T. KRAKAU, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and useful Car-Coupler, which was described in my application No. 435,956, filed by me on June 1, 1908, of which this present application is a division.

The following is a specification of said improvement, reference being had to the accompanying drawings in which—

Figure 1 is a car coupler embodying my invention; Fig. 2 is a horizontal section thereof; and Fig. 3 is a vertical section on the line III—III. of Fig. 2.

In the drawing, 2 represents the coupler head which I illustrate in my preferred form, but which may be modified in many ways and still preserve the invention which I describe and claim herein.

3 is the knuckle, 4 is the lock.

In accordance with my invention the coupler is formed with vertical ribs 5 which connect integrally the horizontal ribs 6 of the guard arm 2' of the coupler at their

middle points so as to prevent destruction of the horizontal ribs when blows are received upon the end of the guard arm. These ribs are not tied to the vertical wall 2' of the guard arm but have an intervening space 7 between, so that there is no tendency to create a breaking point in the guard arm. The vertical ribs merely hold the horizontal ribs together at their outer edges.

I claim:—

1. A coupler head having a guard arm provided with horizontal ribs, and vertical ribs connecting them.

2. A coupler head having a guard arm provided with horizontal ribs and vertical ribs connecting them, with space between the vertical ribs and the body of the guard arm.

In testimony whereof, I have hereunto set my hand.

HARRY T. KRAKAU.

Witnesses:

A. T. DEXTER,
HARRY E. ORR.