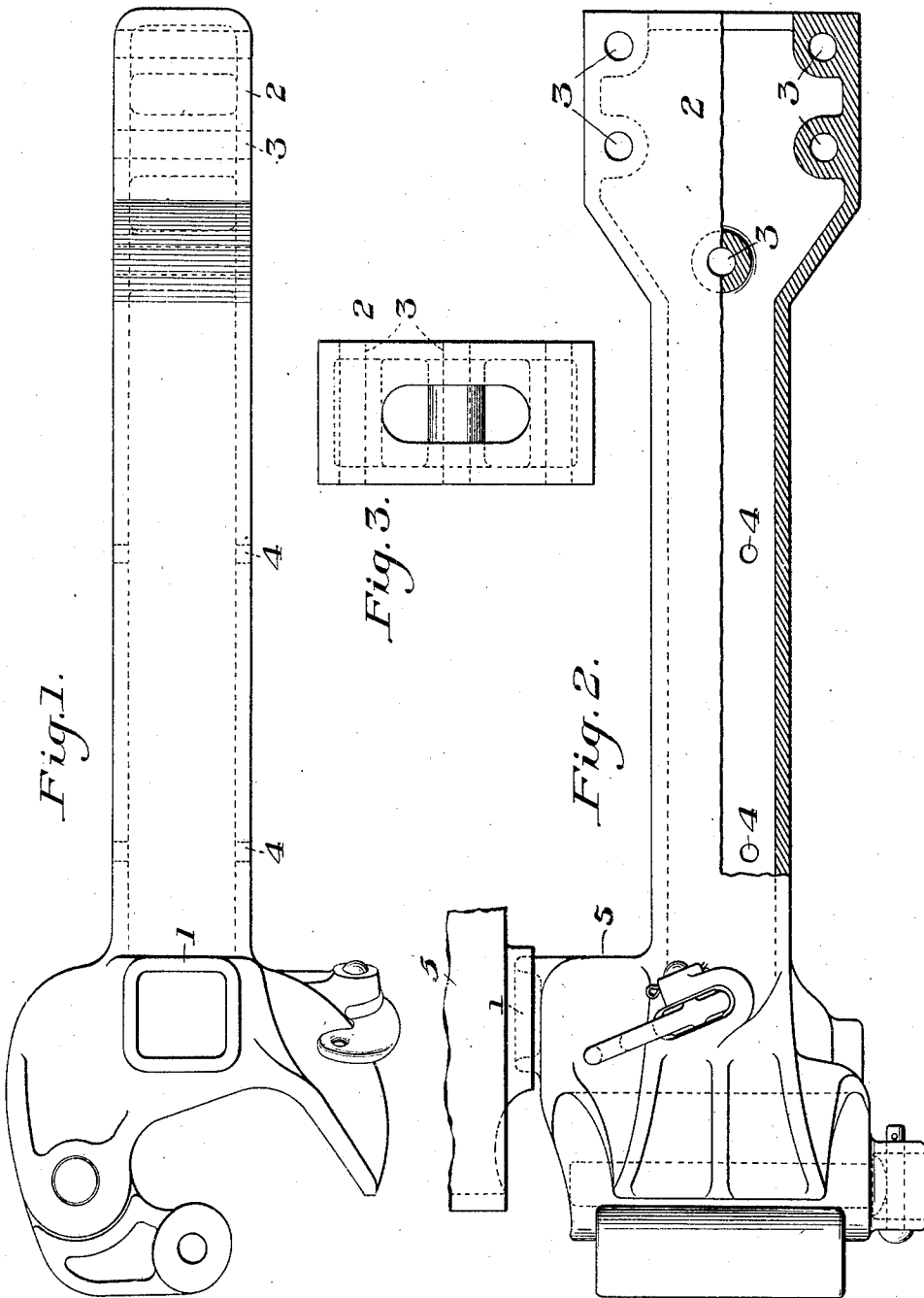


H. T. KRAKAU.
COUPLING.

APPLICATION FILED AUG. 10, 1908.

964,790.

Patented July 19, 1910.



WITNESSES

R. A. Balderson.
W. W. Swartz

INVENTOR

H. T. Krakau,
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his attys.

UNITED STATES PATENT OFFICE.

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

COUPLING.

964,790.

Specification of Letters Patent. **Patented July 19, 1910.**

Application filed August 10, 1908. Serial No. 447,718.

To all whom it may concern:

Be it known that I, HARRY T. KRAKAU, of Cleveland, Cuyahoga county, Ohio, have invented a new and useful Improvement in
5 Couplers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 shows in plan view a coupler
10 constructed in accordance with my invention; Fig. 2 is a side elevation partly in vertical section and showing a portion of a buffer engaged with the coupler head; Fig. 3 is a rear end view of the shank.

15 As shown in the drawings, the coupler-head has on its top surface an upwardly projecting lug 1 extending upwardly above the buffer-horn 5 and having lateral bearing surfaces, and adapted to engage a slot or
20 recess in the bottom of a buffer 5, so that when the coupler and buffer are mounted for radial movement the coupler shank and buffer-shank will be maintained in alignment during their lateral movements.

25 The coupler shank has at its rear end a vertically extending enlargement 2, pro-

vided with transverse holes 3 through which are passed the bolts by which the coupler shank can be attached to a rearwardly extending member or shank extension. The
30 enlargement of the rear end of the coupler shank enables these holes to be spaced apart and to afford a very strong connection for the shank. At the middle portion of the coupler-shank, I form holes 4 which are
35 employed for the attachment of a wearing shoe to prevent wear upon the shank.

I claim:—

A car coupler having on its top a guiding lug projecting upwardly above the buffer
40 horn, and having side bearing surfaces and an overlying buffer member having a recess in its under side engaged by the side bearing surfaces of the lug to cause the coupler and buffer member to move laterally in
45 unison.

In testimony whereof, I have hereunto set my hand.

HARRY T. KRAKAU.

Witnesses:

HARRY E. ORR,
HENRY F. POPE.