

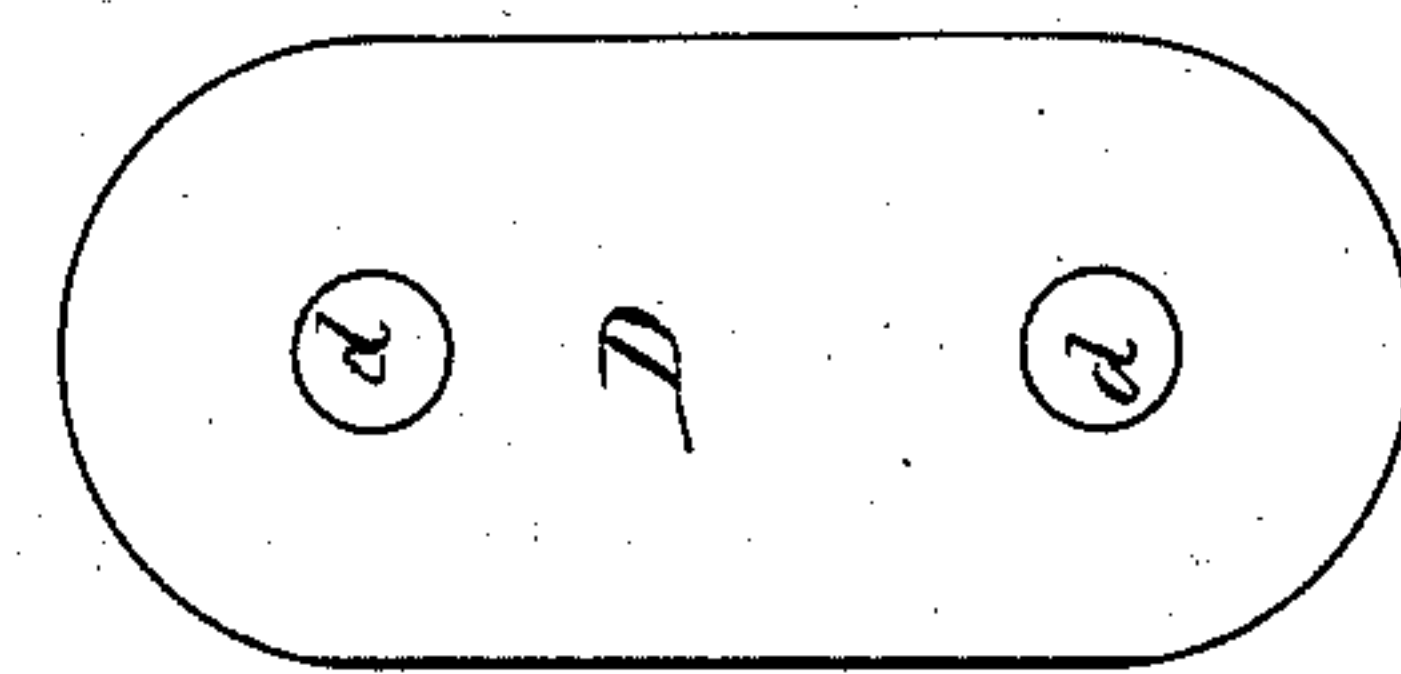
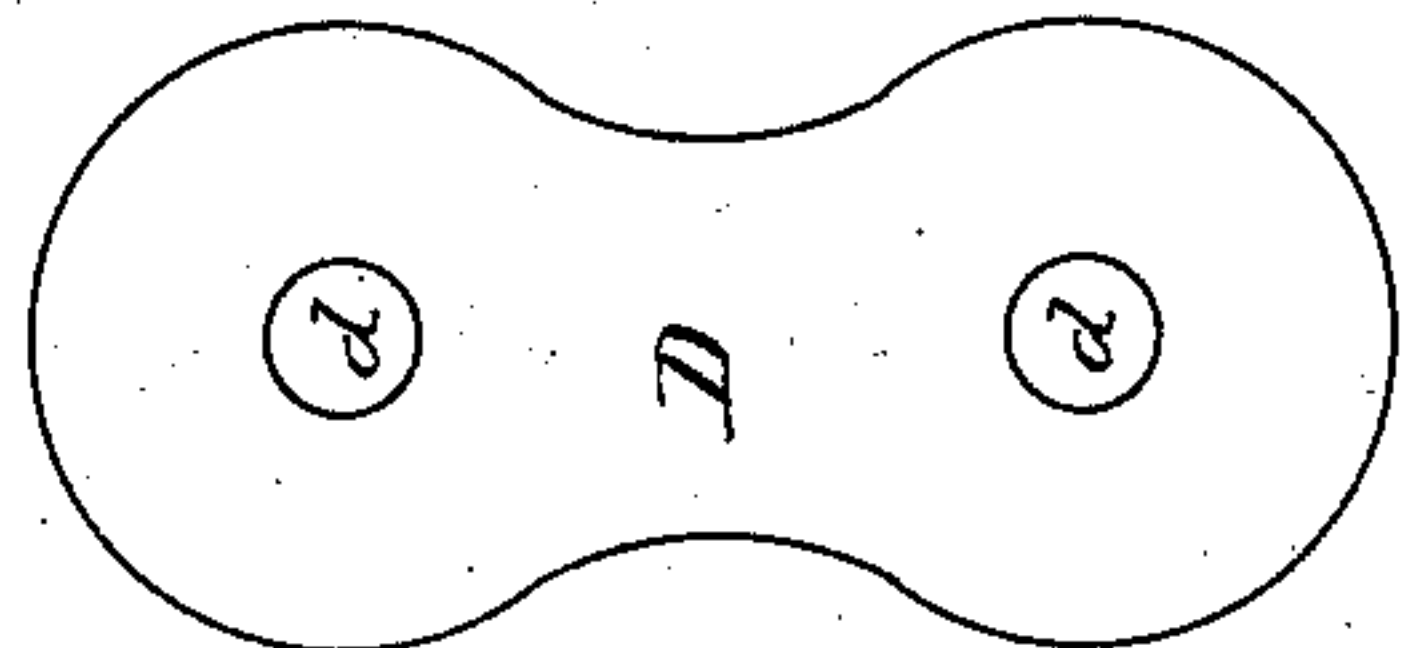
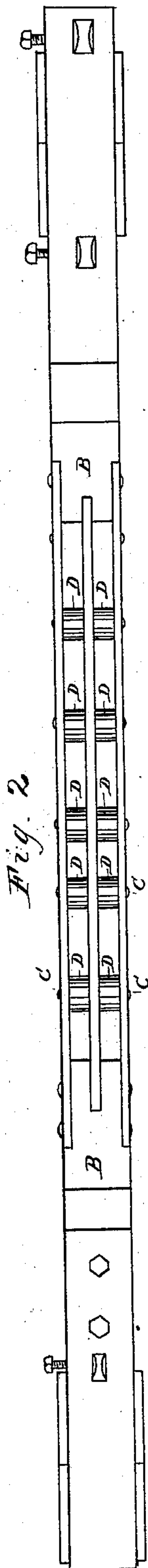
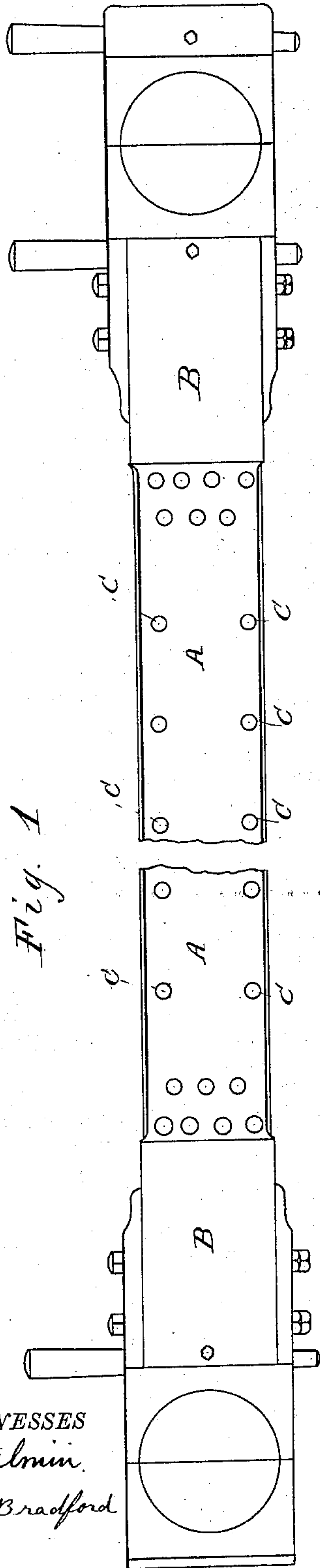
(No Model.)

G. N. SCEETS.

SIDE BAR OR MAIN ROD FOR LOCOMOTIVES.

No. 307,146.

Patented Oct. 28, 1884.



WITNESSES
Morton Toulmin
Edwin L Bradford

INVENTOR
George N. Sceets
W. P. Leonard
Attorney

UNITED STATES PATENT OFFICE.

GEORGE N. SCEETS, OF EVANSVILLE, ASSIGNOR OF ONE-HALF TO JOHN C. LEUNIG, OF MOUNT VERNON, INDIANA.

SIDE BAR OR MAIN ROD FOR LOCOMOTIVES.

SPECIFICATION forming part of Letters Patent No. 307,146, dated October 28, 1884.

Application filed September 16, 1884. (No mod-1.)

To all whom it may concern:

Be it known that I, GEORGE N. SCEETS, a citizen of the United States, residing at Evansville, in the county of Vanderburg, State of Indiana, have invented certain new and useful improvements in side bars for the drive-wheels of locomotives, for main rods for locomotives, for stationary and portable engines, and has for its objects to make a lighter bar or rod for this purpose out of a given weight of material, thereby lessening the wear and tear on rod, brasses, and pins, costing less, being also more elastic and stronger for a given weight of material than a rod as usually constructed of a single bar. These objects are attained by the devices illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of the bar detached from the wheels. Fig. 2 is a plan. Figs. 3, 4, and 5 are detailed views of blocks or washers detached from the side bar.

The letter A indicates two or more steel or iron plates, welded or otherwise united to the

stub ends B. D are blocks of metal, or washers, having openings *d* for the passage of bolts C, by means of which the washers D are maintained in their proper positions between the plates A, the plates A being perforated at regular intervals of about six inches to receive the bolts or rivets C, by means of which the plates are bound to each other. The stub ends B are provided with brasses, secured thereto in the usual manner.

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

A side bar for locomotives, composed of two or more metal plates attached to stub ends and separated from each other by washers, the whole secured together by bolts or rivets, for the purposes herein described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE N. SCEETS.

Witnesses:

WM. CLEMENTS,
G. W. DANNETTELL.