

T. E. MURRAY,
COUPLING FOR FLANGED TUBES OR PIPES,
APPLICATION FILED MAR. 8 1917.

1,273,524.

Patented July 23, 1918.

Fig: 1.

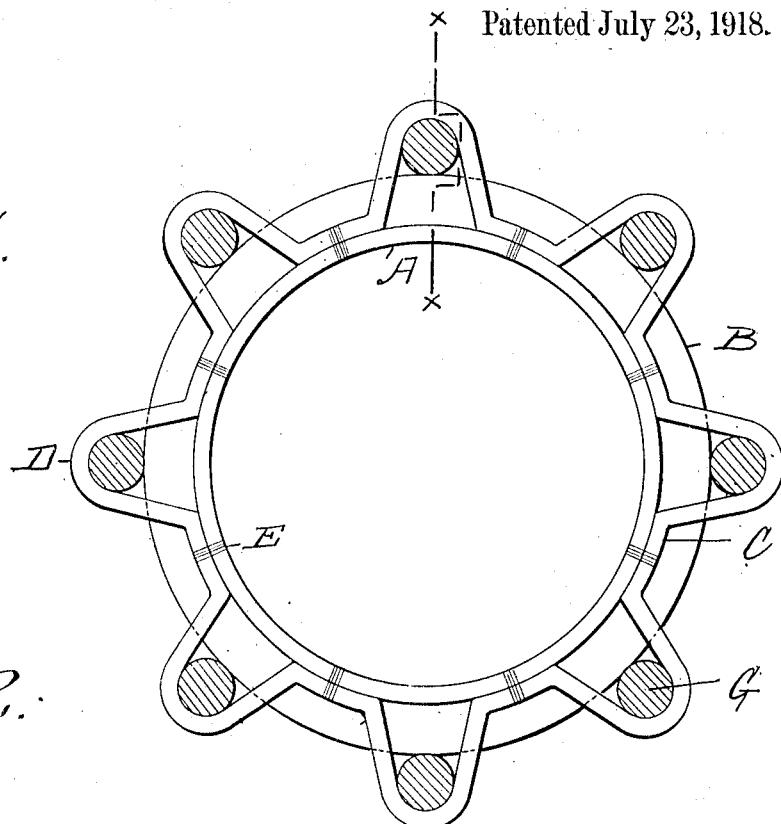
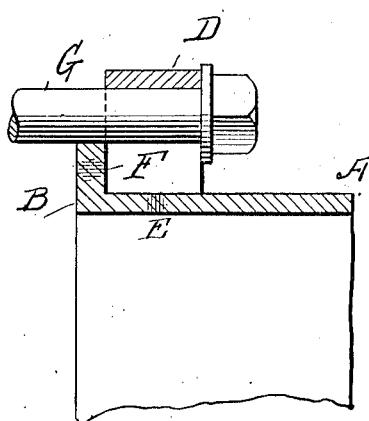


Fig: 2.



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By his Attorney
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UNITED STATES PATENT OFFICE.

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COUPLING FOR FLANGED TUBES OR PIPES.

1,273,524.

Specification of Letters Patent. Patented July 23, 1918.

Application filed March 8, 1917. Serial No. 153,269.

To all whom it may concern:

Be it known that I, THOMAS E. MURRAY, a citizen of the United States, residing at New York, in the county of New York and 5 State of New York, have invented a certain new and useful Improvement in Couplings for Flanged Tubes or Pipes, of which the following is a specification.

The invention relates to couplings for 10 flanged tubes or pipes, and consists in the construction more particularly hereinafter set forth.

In the accompanying drawings—

Figure 1 is a plan view of my coupling, 15 Fig. 2 is a section on the line *w*, *w* of Fig. 1.

Similar letters of reference indicate like parts.

A is a pipe or tube, having an integral end flange B. C is a metal ring received upon said tube and bent in a plurality of places to form a series of loops D extending radially beyond the circumference of said flange B, said bent loops being preferably at equal intervals apart. The 20 ring C may be electrically welded to tube A at points E between the loops D. The edges of said ring may also be electrically welded 25 at points F to flange B.

In coupling together two flanged pipes or tubes similar to A, headed bolts G are passed through the opposing loops D.

I claim—

1. A tube, an end flange thereon, and a ring bent in a plurality of places to form a series of loops of greater radial length than 35 said flange and projecting beyond the circumference thereof, the said ring being in contact with said flange.

2. A tube, end flange and ring, as in claim 1, the intermediate portions of said ring between said loops being welded to said tube. 40

3. A tube, an end flange thereon, and a ring bearing against said flange and having a plurality of radially projecting loops extending beyond the circumference of said 45 flange; the intermediate portions of said ring between said loops being welded to said tube, and the said loops being edge welded to said flange.

In testimony whereof I have affixed my 50 signature in presence of two witnesses.

THOMAS E. MURRAY.

Witnesses:

GERTRUDE T. PORTER,
MAY T. McGARRY.