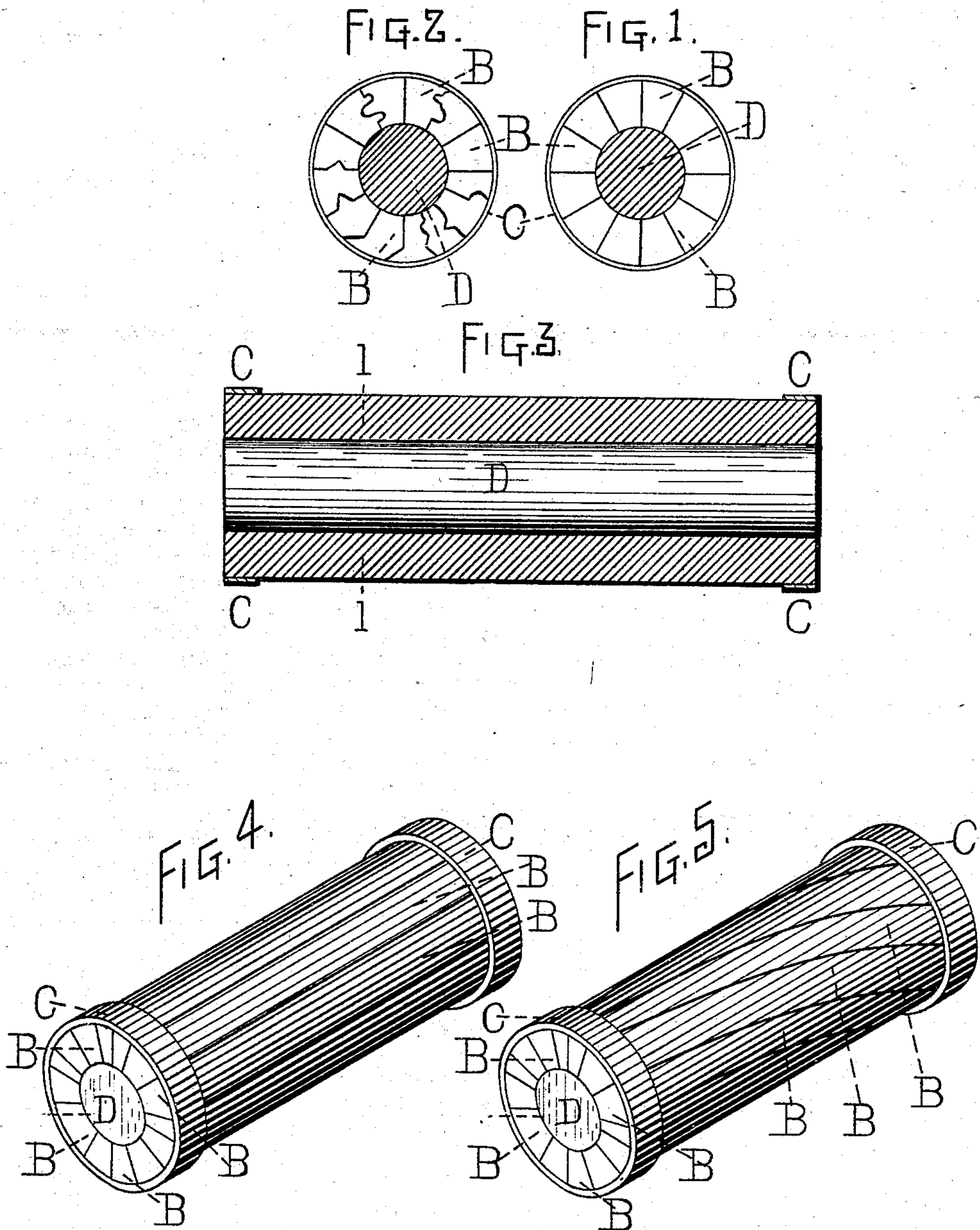


(No Model.)

T. J. DEAKIN.
FAGOT FOR TUBES.

No. 269,160.

Patented Dec. 12, 1882.



WITNESSES:

Amos Bushnell
Geo. W. Long

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THOMAS J. DEAKIN, OF COLUMBIA, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS TO WILLIARD THOMAS BLOCK, OF HANNIBAL, MISSOURI.

FAGOT FOR TUBES.

SPECIFICATION forming part of Letters Patent No. 269,160, dated December 12, 1882.

Application filed July 29, 1880. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. DEAKIN, of Columbia, county of Lancaster, in the State of Pennsylvania, have invented an Improvement in the Method of Manufacturing Gun-Barrels or other Tubes, of which the following is a specification.

My invention relates to the method of making tubing from pile-skelp or fagots; and it consists of a composite fagot, constructed as hereinafter set forth and claimed.

In order that my invention may be fully understood, I will proceed to describe it, with reference to the accompanying drawings, in which—

Figure 1 is a transverse sectional view on the line 1 1, Fig. 3, of a fagot embodying my invention. Fig. 2 is a similar view of the same in a modified form of construction. Fig. 3 is a longitudinal section of the pile shown in Figs. 1 and 4. Fig. 4 is a perspective view of the improved fagot. Fig. 5 is a similar view of the same twisted.

Similar letters of reference indicate corresponding parts in all the figures.

My invention aims to construct in simple manner a fagot which, when heated, rolled down, and welded, shall constitute a homogeneous tube well adapted for use as a gun-barrel or for other purposes where great strains are to be resisted.

In carrying out my invention I take a series of billets, B, of weldable metal, which have

been previously formed wedge shaped in transverse section. These billets I arrange in continuous and contiguous series about a solid wooden core, D, extending entirely through the fagot and bind them to the latter by bands of sheet metal C. Billets of irregular section can be employed, as in the fagot shown in Fig. 2, the depth of the layer being made up by the thickness of a single billet.

In the use of fagots formed of regular billets, I find it convenient to employ a core of wood, for the reason that after the fagot has been heated to a welding and rolling heat the form of the billets insures their remaining in position even after the charring out of the core.

When desired, the heated fagot may be given a full, half, or other fractional twist, as shown in Fig. 5, prior to the rolling, which insures additional compactness and homogeneity in the product.

Having thus described my invention, the following is what I claim as new therein, and desire to secure by Letters Patent:

As a new article of manufacture, a fagot or pile-skelp consisting of a series of billets and a wooden core extending entirely through the fagot, as set forth.

THOMAS JAMES DEAKIN.

Witnesses:

W. J. HILLON,
WILLIARD T. BLOCK.