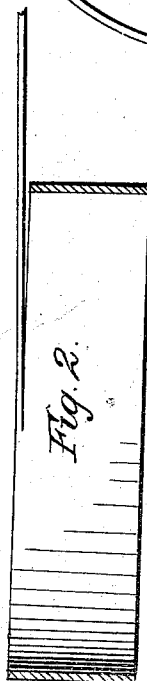
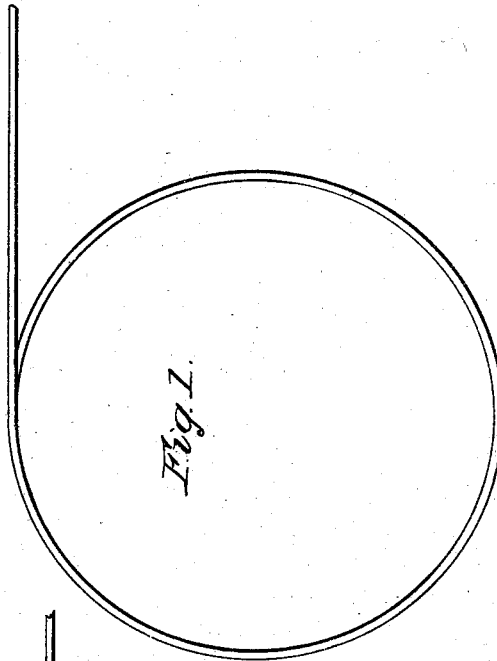


T. WALLACE.  
Manufacture of Wire.

No. 3,180.

Patented July 20, 1843.



Witnesses,  
*John F. Howe*  
*Edu<sup>d</sup> Cook*

Inventor,  
*Thomas Wallace*

# UNITED STATES PATENT OFFICE.

THOMAS WALLACE, OF DERBY, CONNECTICUT.

## METHOD OF PREPARING METAL FOR BEING MANUFACTURED INTO WIRE.

Specification of Letters Patent No. 3,180, dated July 20, 1843.

*To all whom it may concern:*

Be it known that I, THOMAS WALLACE, of Derby, in the county of New Haven and State of Connecticut, have invented a new and Improved Method of Obtaining Wire from Iron, Steel, Copper, Brass, Gold, Silver, and All the Metals Capable of Being Made into Wire; and I do hereby declare that the following is a full and exact description.

Instead of rolling the metal into rods or strips as heretofore I cause it to be made into cylinders or hoops by casting welding or rolling or a combination of them as the various metals may require and of such diameter breadth thickness and quality as may be convenient. I then with circular shears begin to cut from the edge of the cylinder or hoop of metal a strip or thread of metal of any desired width and so cut in one con-

tinuous strip or thread until the whole cylinder or hoop is cut out. I then act upon this strip or thread of metal by annealing and cleaning and drawing into wire as if it had been prepared by means heretofore employed at the rolling mills.

I make no claim to any mode of putting the metals into cylinders or hoops nor to the shears nor to any arrangements or contrivances I may have about the shears.

What I claim as my invention and desire to secure by Letters Patent is—

The cutting of a cylinder of metal or hoop of metal into a strip of metal or thread of metal for the purpose of making wire.

THOMAS WALLACE.

Witnesses:

CHS. ATWOOD,  
GEO. KELLOGG,