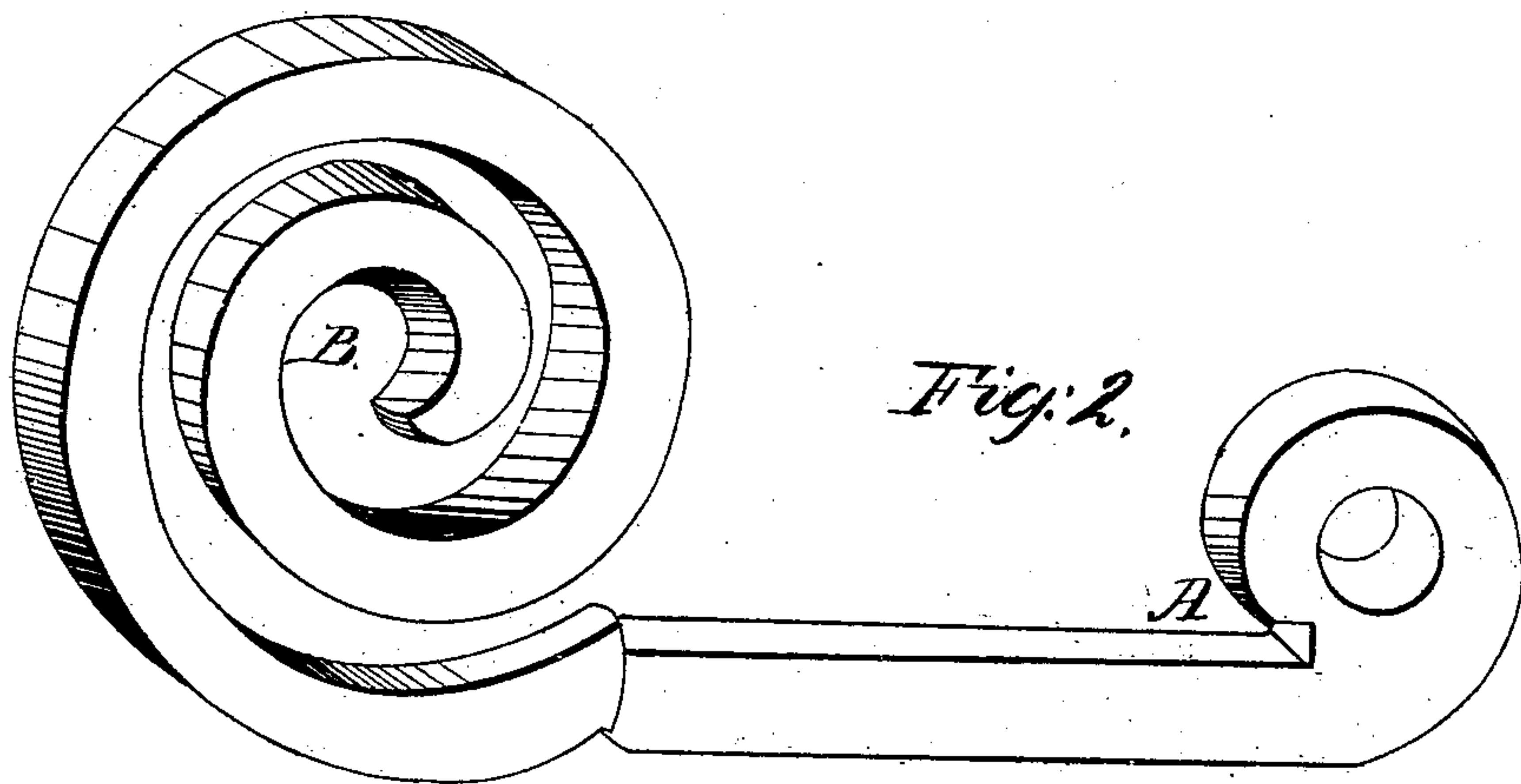
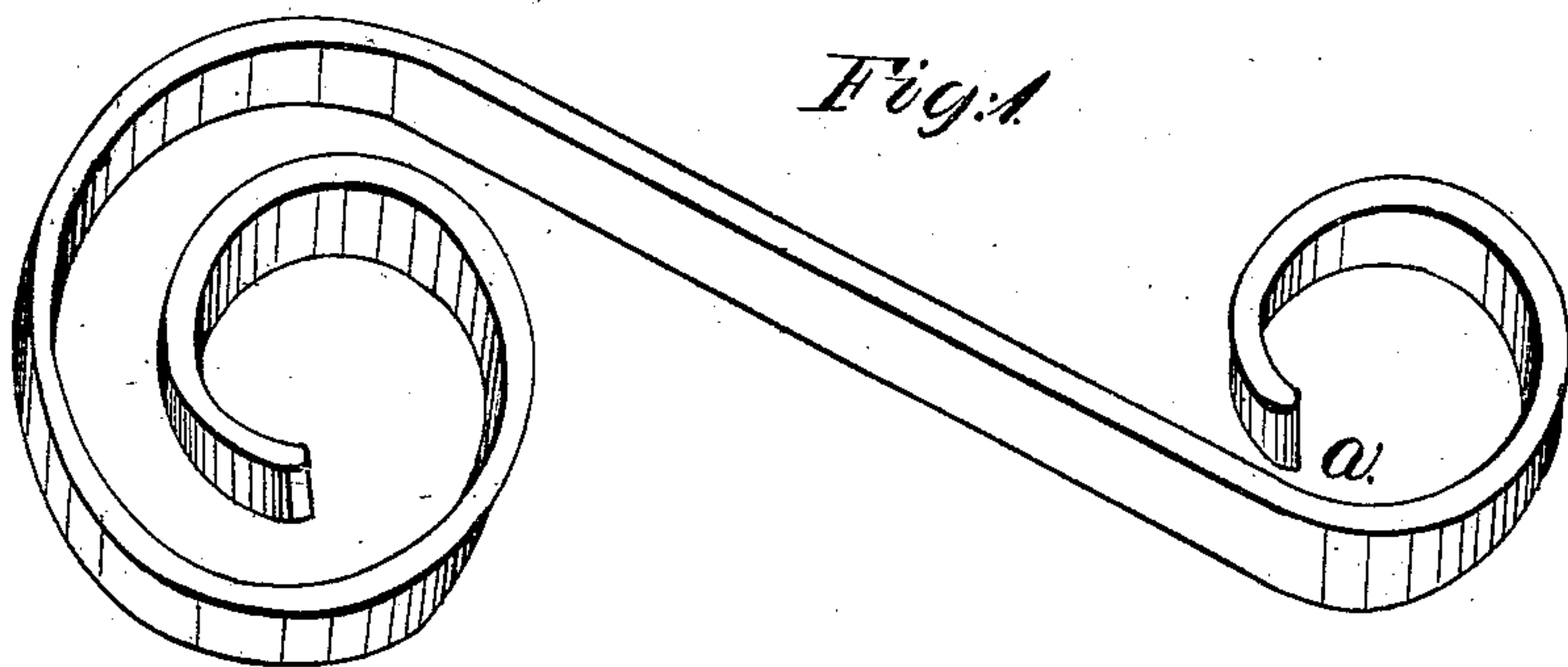


*E. Gibbs,*

*Bending Metal Scrolls,*

*N<sup>o</sup> 84,181.*

*Patented Nov. 17, 1868.*



*Witnesses;*  
*Wm. Pettingell.*  
*L. M. Ford.*

*Inventor.*  
*Edwin Gibbs.*



EDWIN GIBBS, OF PAINESVILLE, OHIO.

*Letters Patent No. 84,181, dated November 17, 1868.*

**IMPROVED DEVICE FOR BENDING SCROLLS.**

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, EDWIN GIBBS, of Painesville, in the county of Lake, and State of Ohio, have invented certain Improvements in Devices for Bending the Scrolls of Scroll-Fences; and I do hereby declare that the following is a full and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, and letters of reference marked thereon, in which—

Figure I is a flat band-iron scroll, one end of which is a finished spiral, and the other end partly curved.

Figure II is the scroll-former, showing the starting-end, at A, and the finishing-scroll, at B.

The letters of reference indicate similar parts in all the figures.

The improvements herein referred to consist in the employment of a scroll-former, to form the scrolls used in making scroll-fences.

By the use of the spiral-former, the scrolls or different parts of the fence are more speedily and uniformly made.

The usual mode of making the scrolls is by turning round the anvil-horn, and afterwards regulating the form with the hammer.

The following is a description of the construction and operation of my said improvements:

A, Fig. II, is the starting-point of the scroll. The end of the flat bar is placed in the notch at A, and bent over the round of the former until it assumes the form of *a* in Fig. I. It is then placed in the finishing-scroll B, and bent over the outside round far enough to complete the form of the scroll; this being a quick and economical mode of manufacturing the scrolls for fences and other purposes.

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

The finishing-scroll former B, and the scroll-former A, constructed and combined as and for the purpose set forth.

EDWIN GIBBS.

Witnesses:

WM. PETTINGELL,  
L. M. FORD.