

W. C. Wright,

Bending Wood.

Patented Feb. 6, 1866.

N^o 52,483.

Fig. 2

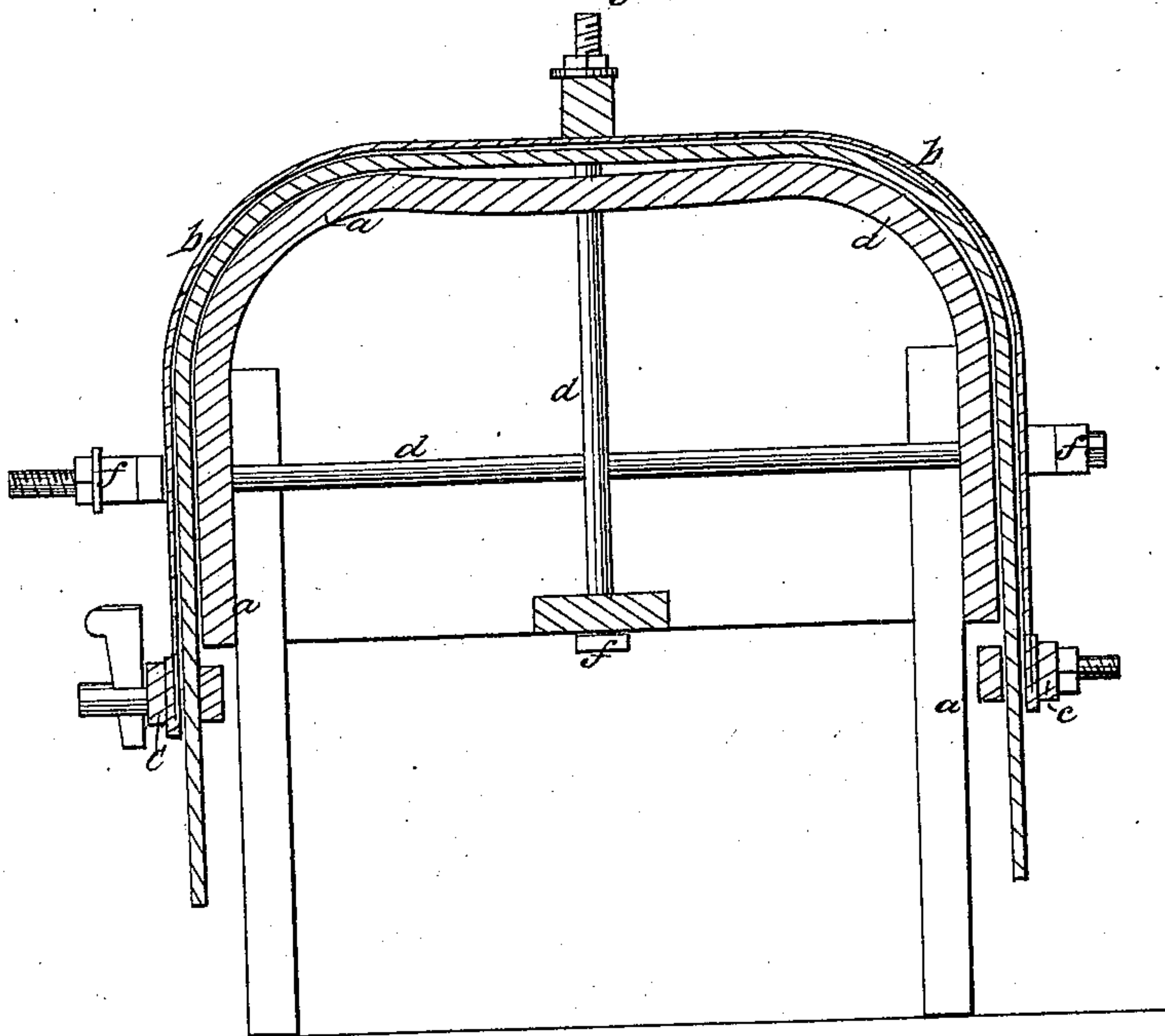
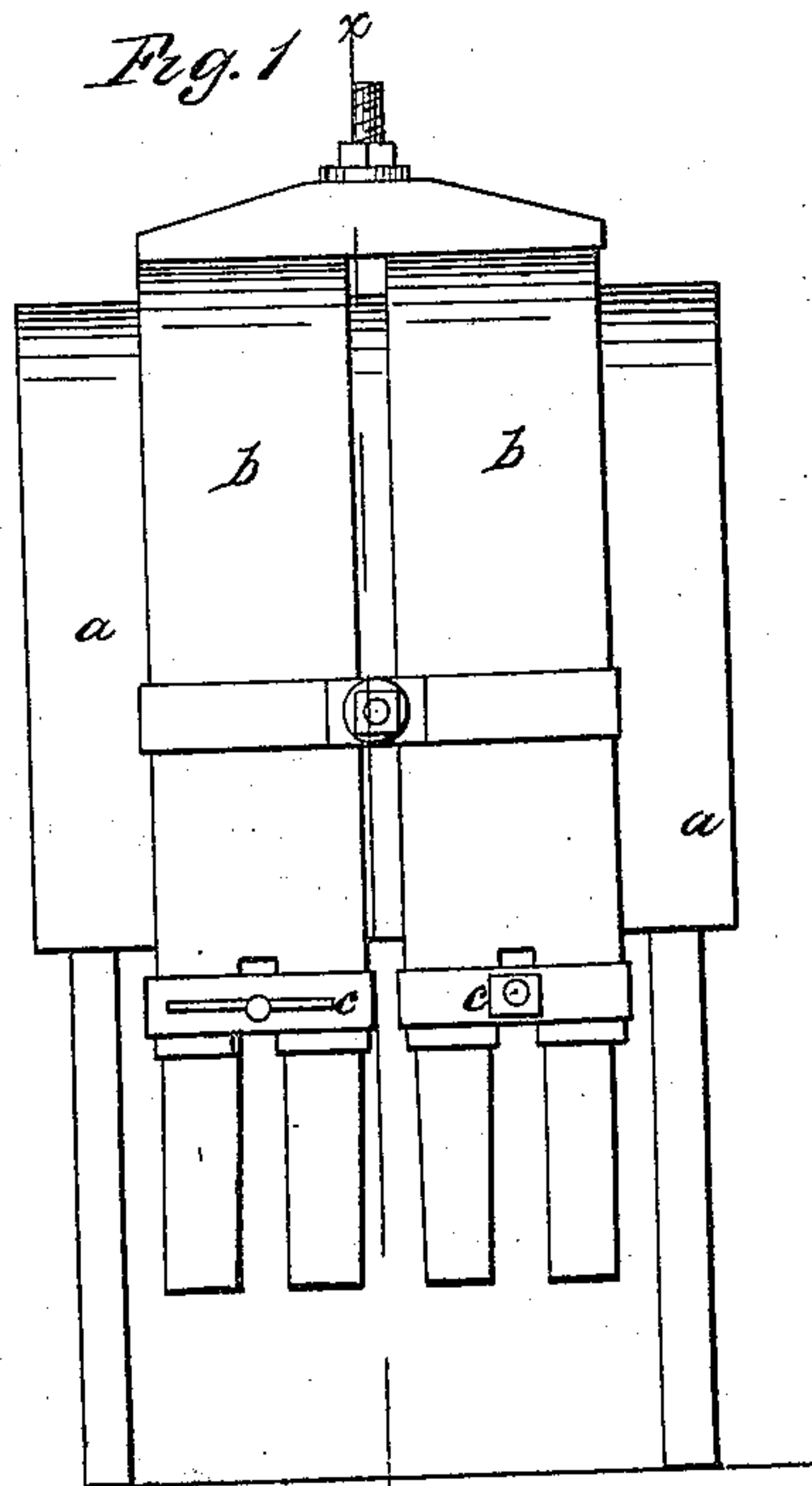


Fig. 1



Witnesses;

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UNITED STATES PATENT OFFICE.

WILLIAM C. WRIGHT, OF TRENTON, NEW JERSEY.

IMPROVEMENT IN BENDING WOOD.

Specification forming part of Letters Patent No. 52,483, dated February 6, 1866.

To all whom it may concern:

Be it known that I, WILLIAM C. WRIGHT, of Trenton, in the county of Mercer and State of New Jersey, have invented a new and useful Improvement in Bending Carriage-Bows; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention has for its object the facilitating of the operation of bending carriage-bows to and about their forming frame or block, and to obviate all possibility of their being broken or cracked by such operation.

In accompanying plate of drawings my improvement is illustrated, Figure 1 being an end view of the forming frame or block, showing two wooden strips bent about and around the same, protected with suitable metallic plates or sheets; Fig. 2, a central vertical section taken in the direction of its length and in the plane of the line *x x*, Fig. 1.

a a in the drawings represent the forming frame or block, made in any of the ordinary modes practiced therefor, about which the wooden strips of which the carriage-bows are to be formed are bent. These strips are bent

around the block *a* in the usual manner; but by my invention have previously applied to and upon their outside surfaces a thin plate or sheet of flexible metal, *b*, of sufficient width and length to entirely cover the same, which plates are secured thereto at each end by clamps *c c*, the strip being held tightly to and upon the frames by means of bolts and nuts *d d* and *f f* passing across the frame, as ordinarily.

By covering the wooden strips with plates or sheets of metal held at each end thereon, as explained, it is obvious that the danger of the wood to be broken is greatly removed, and that a much quicker and better bending thereof is obtained.

I claim as new and desire to secure by Letters Patent—

The arrangement of the flexible plate *b*, clamps *c c*, bolts *d d*, and rivets *f f* with the forming-frame *a*, as and for the purpose explained.

The above specification of my invention signed by me.

WILLIAM C. WRIGHT.

Witnesses:

MIDDLETON CARSLAKE,
JOHN ELLWOOD CARSLAKE.