

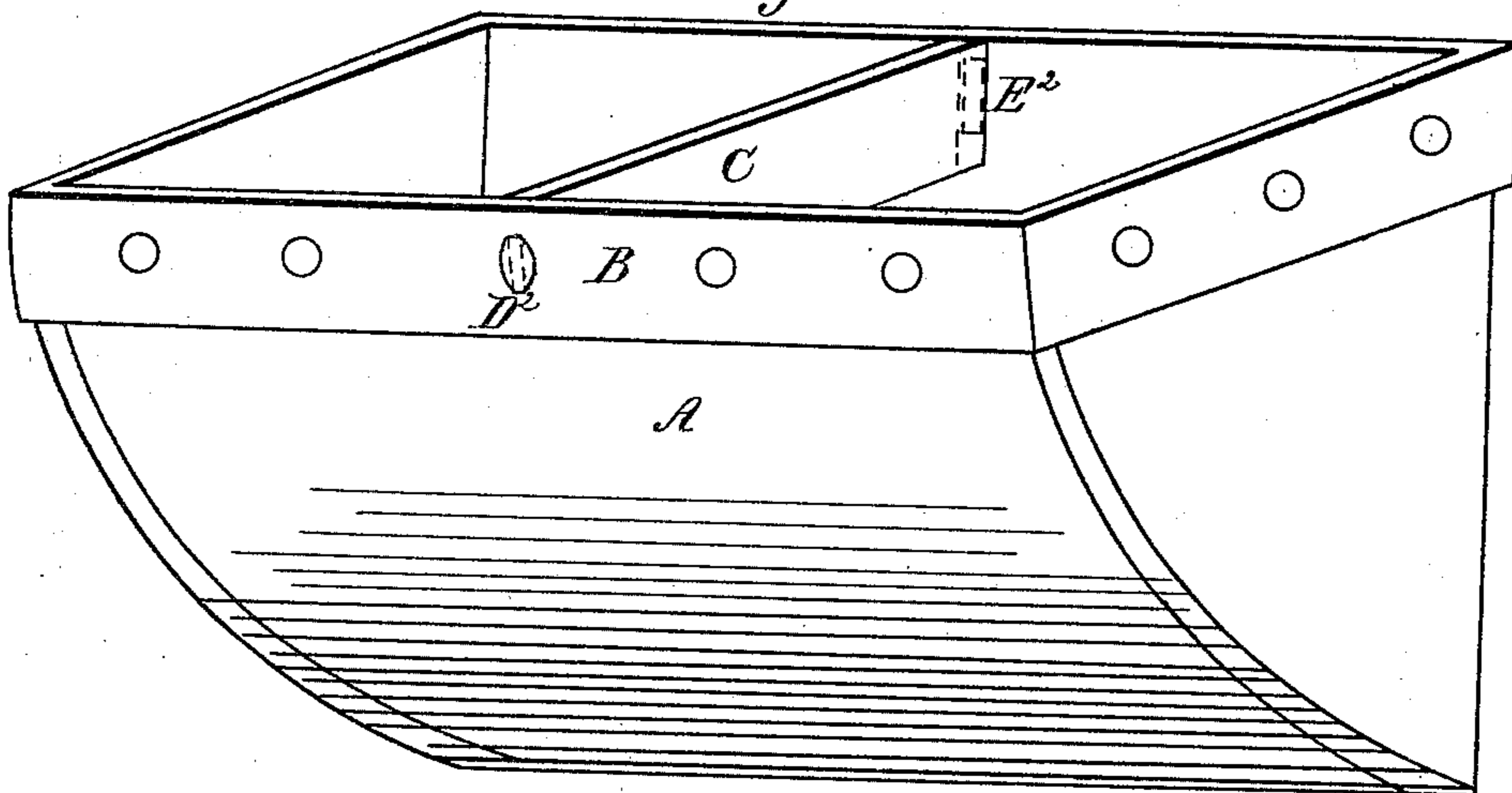
*J. Pfitzinger.*

*Elevator Bucket.*

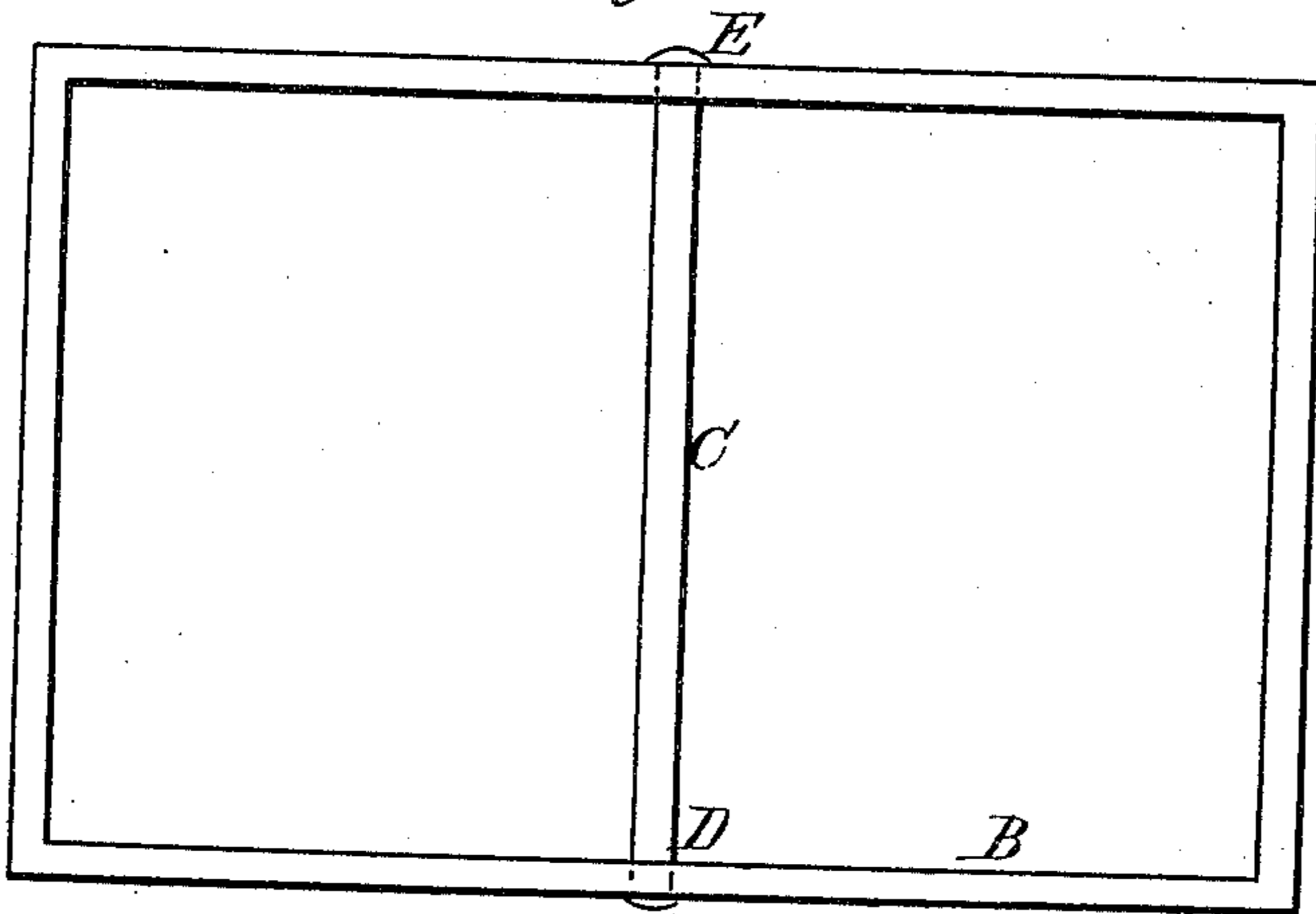
*N<sup>o</sup> 99,189.*

*Patented May 18, 1869.*

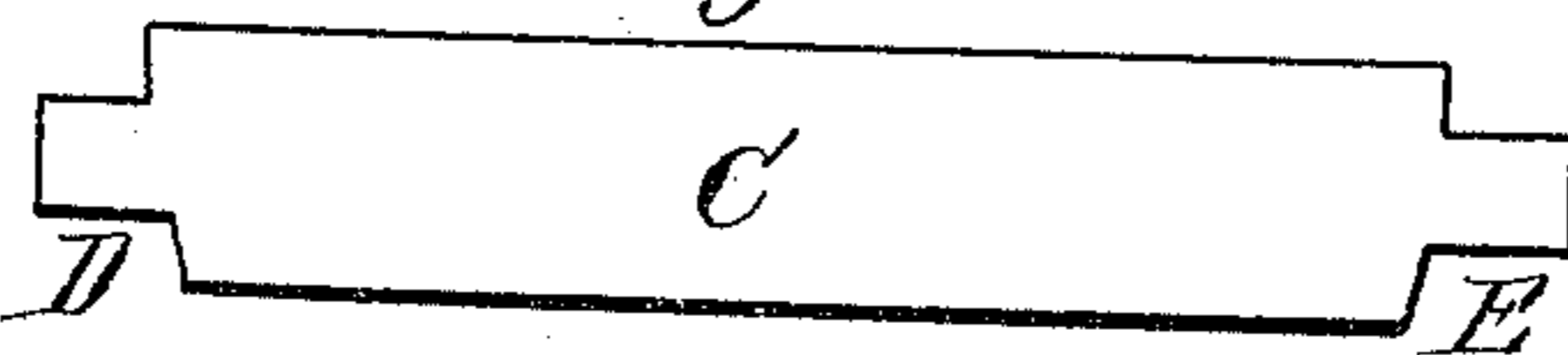
*Fig. 1*



*Fig. 2*



*Fig. 3*



*Witnesses*  
*Samuel Sangster*  
*Amos Sangster,*

*Inventor*  
*Jacob Pfitzinger*



JACOB PFITZINGER, OF BUFFALO, NEW YORK.

*Letters Patent No. 90,189, dated May 18, 1869.*

**IMPROVEMENT IN ELEVATOR-BUCKET.**

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, JACOB PFITZINGER, of the city of Buffalo, in the county of Erie, in the State of New York, have invented certain new and useful Improvements in Elevator-Buckets; and I do hereby declare that the following description thereof is sufficiently clear and exact to enable others skilled in the art to which it appertains, or to which it is most nearly connected, to make, construct, and use the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view.

Figure 2 represents the binding, or strengthening-frame.

Figure 3, the centre brace.

The nature of my invention consists in—

First, the combination of a welded wrought-iron binding-frame with the bucket, thereby insuring greater strength than the ordinary binding-frame.

Second, the mode of attaching the centre binding-brace to the binding-frame and bucket, the ends of the same being so formed as to act as rivets, after being fitted into the slots, or openings made to receive them, which openings are cut through the centre of each side of the binding-frame and bucket.

In the accompanying drawings, in which like letters represent like parts in the several figures—

A is the bucket;

B, the welded wrought-iron binding-frame;

C, the centre binding-brace;

D, in fig. 3, is the end of the brace C, made to fit into the slot shown by the dotted lines, and marked D<sup>2</sup>, in fig. 1; and

E represents the opposite end of the same, which is made to fit into a slot at the back of the bucket, also shown by dotted lines, and marked E<sup>2</sup>.

It will be readily seen that the ends D and E of the centre brace C act as rivets for holding the binding-frame and bucket together, thus insuring much greater strength and simplicity of construction than the usual method of fastening them.

The welded wrought-iron binding-frame is also much stronger and more durable than either a malleable cast-iron frame or a riveted wrought-iron one.

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

The centre brace C, constructed and fastened to the bucket and binding-frame, substantially in the manner and for the purposes herein set forth and described.

JACOB PFITZINGER.

Witnesses:

JAMES SANGSTER,

AMOS W. SANGSTER.