

2 Sheets--Sheet 1.

C. B. PETTENGILL.

Barrel Headers.

No. 137,567.

Patented April 8, 1873.

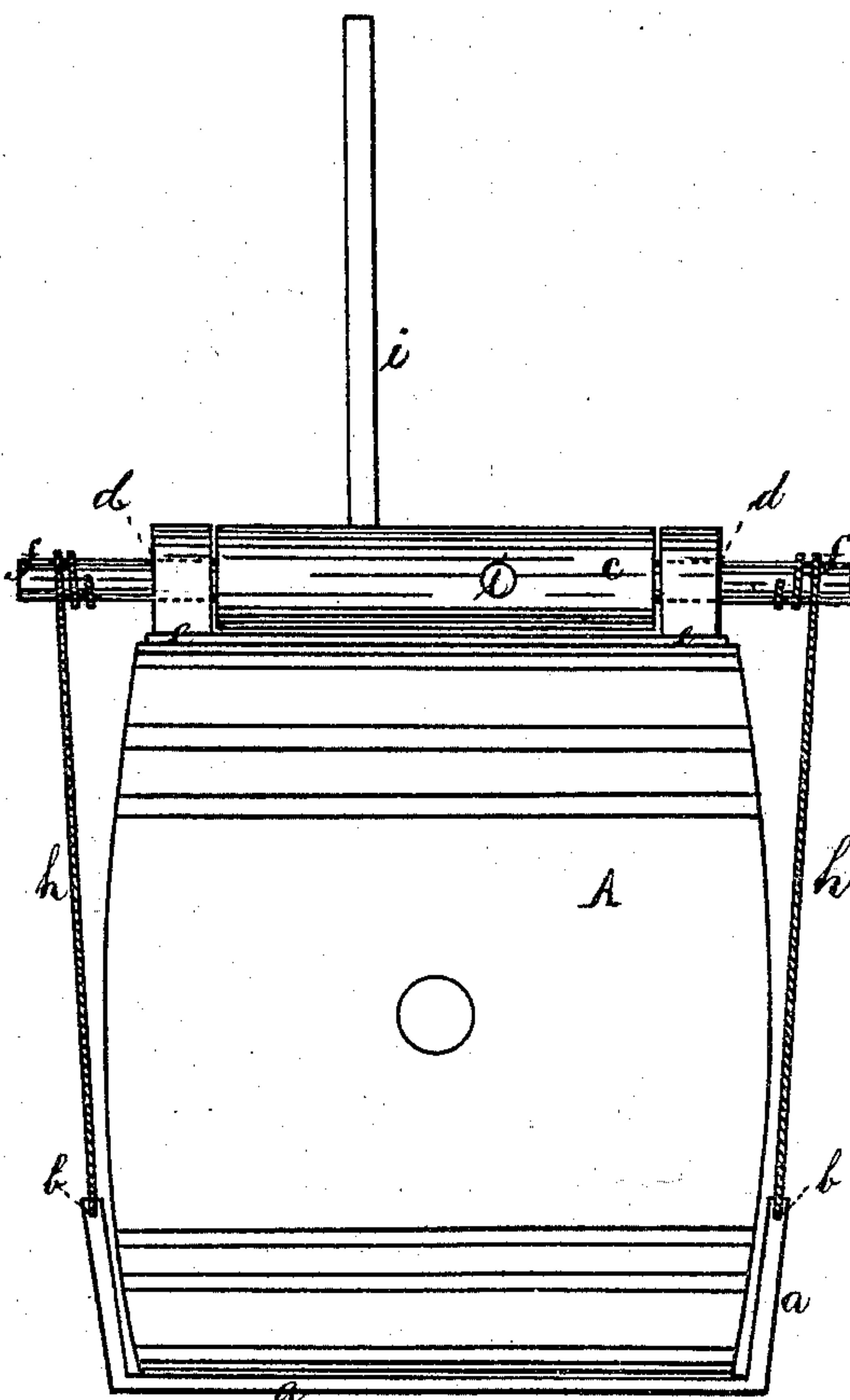


Fig. 1.

Witnesses:

Frank H. Jordan.

Franklin Stanwood.

Inventor:

Charles B. Pettengill

By his Attorney

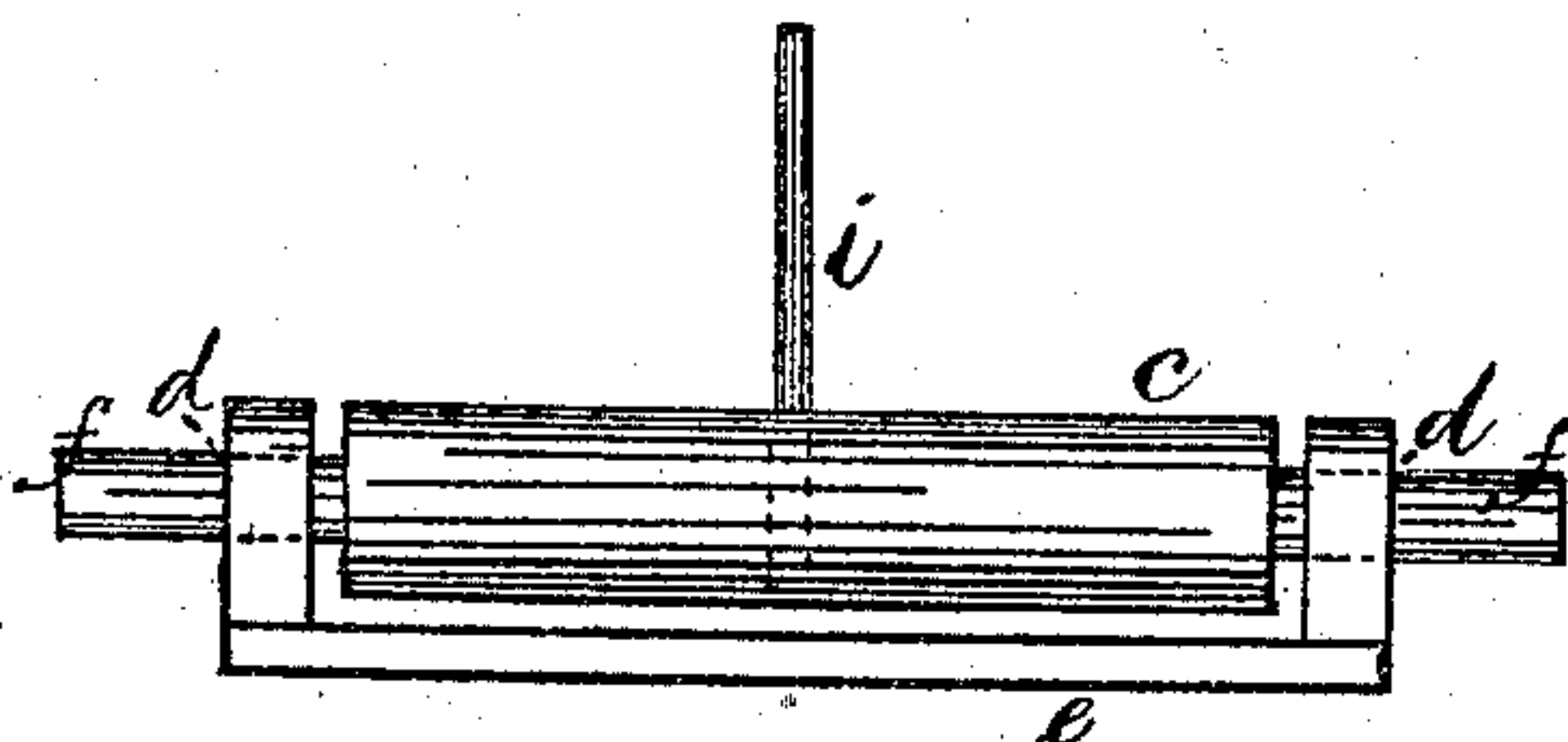
Wm. Henry Clifford

2 Sheets--Sheet 2.

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**Barrel Headers.**

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*Fig. 2.*

*Witnesses:*

*Frank H. Jordan*  
*Arthur Noble*

*Inventor:*

*Charles B. Pettengill*  
*By his attorney*  
*Wm Henry Clifford*

# UNITED STATES PATENT OFFICE.

CHARLES B. PETTENGILL, OF HEBRON, ASSIGNOR OF ONE-HALF HIS RIGHT  
TO FREEMAN C. MERRILL, OF SOUTH PARIS, MAINE.

## IMPROVEMENT IN BARREL-HEADERS.

Specification forming part of Letters Patent No. **137,567**, dated April 8, 1873; application filed  
February 24, 1873.

*To all whom it may concern:*

Be it known that I, CHARLES B. PETTENGILL, of Hebron, in the county of Oxford and State of Maine, have invented certain new and useful Improvements in Barrel-Headers; and I do hereby declare that the following is a full, clear, and exact description thereof, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

Figure 1 shows a side elevation of my invention. Fig. 2 shows a side elevation of the windlass, its bearings, and the press-board.

A shows a barrel having the head thereof placed in the upper end. My invention consists in the application of a combination of means to force in the head, when desired. *a* is a rod bent so as to fit under the bottom of a barrel and extend some distance on the sides, with the loops *b* at the ends thereof. *c* is a windlass having the bearings *d d*, which are rigidly and firmly connected to the plate or press-board *e*. The journals *f f* project beyond the sides of the barrel, so as to receive the cords *h h*. *i i* are removable levers with which to wind or turn the windlass. These are inserted into holes in the windlass.

The operation is plain. By turning the windlass the cords *h h* are wound on the journals, and so the press-board shall press down upon the barrel-head until it is forced down into its proper position. The lever can then be removed, the windlass unwound, and the device removed.

The press-board *e* rests upon the head of the barrel which is to be forced into its place, and is equal in length to the diameter of the head, so that it will force all of the parts down equally. It is placed across or at right angles to the joints or sections of the different pieces composing the head.

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

The combination of the bent rod *a*, cords *h h*, windlass *c*, bearings *d d*, press-board *e*, and lever *i*, as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of February, 1873.

CHARLES B. PETTENGILL.

Witnesses:

GEO. A. WILSON,  
ALEX. S. THAYRES.