F. H. Brown.

Cane and Straw Weaving.

No. 70,318. Patented Oct. 29, 1867.

Fig. 2.

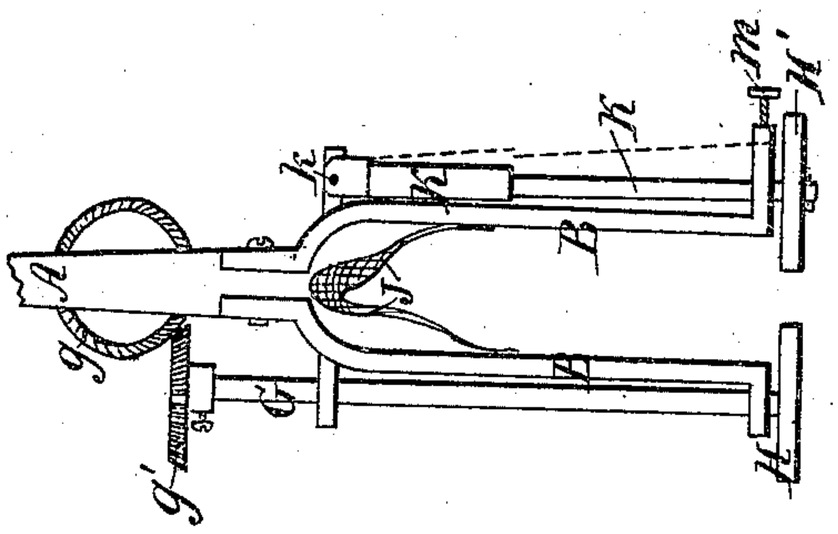


Fig. 1.

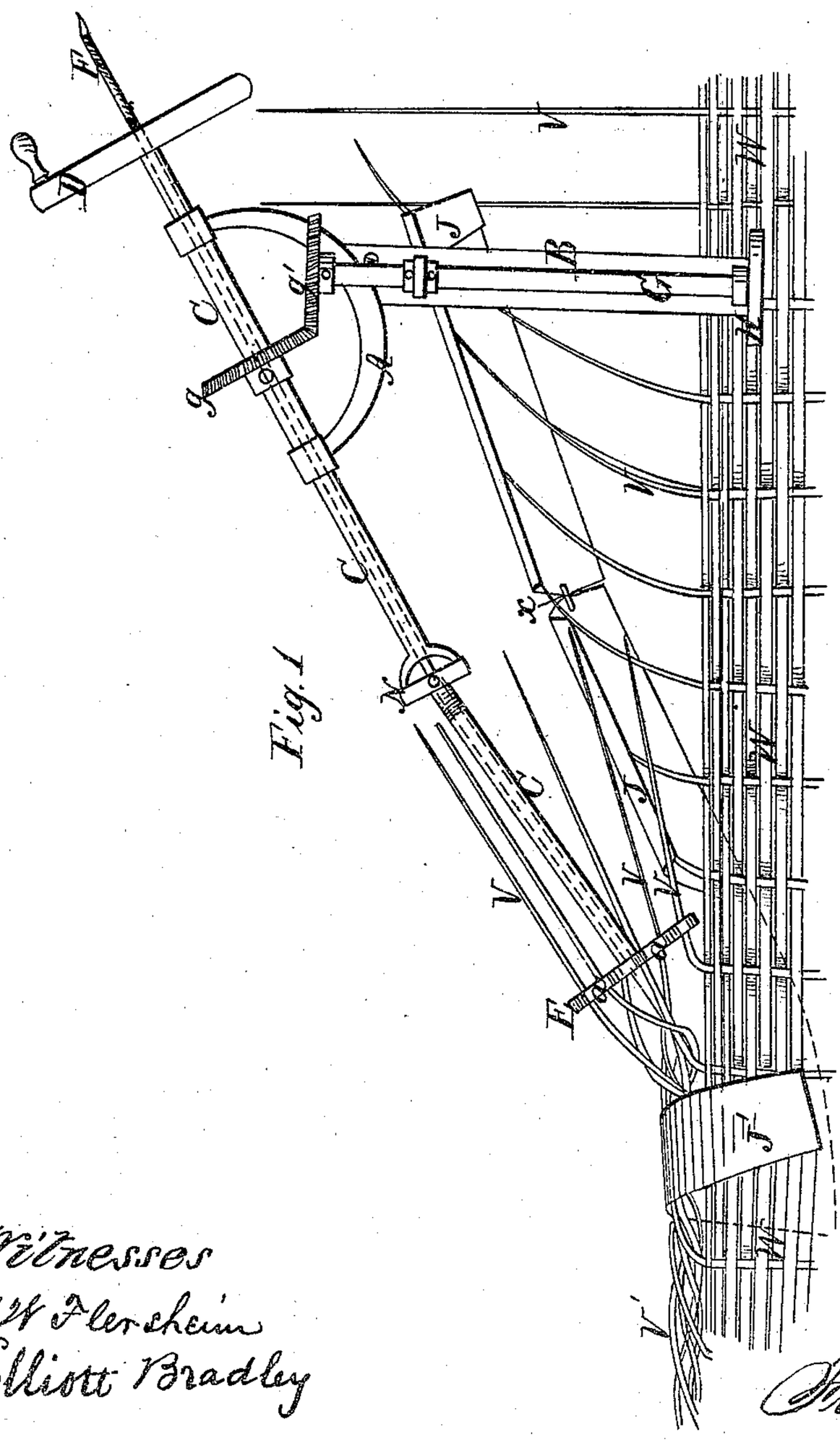
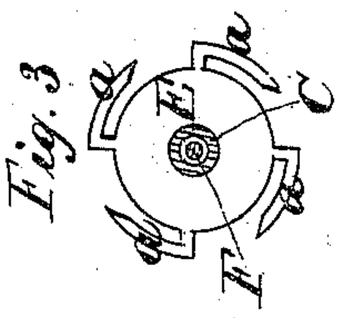


Fig. 3.



Witnesses
L. H. Flerscheim
Elliott Bradley

Inventor
Franklin H. Brown

United States Patent Office.

FRANKLIN H. BROWN, OF CHICAGO, ILLINOIS, ASSIGNOR TO HIMSELF, EDWARD F. PEUGEOT, AND LEMUEL H. FLERSHEIM, OF SAME PLACE.

Letters Patent No. 70,318, *dated October* 29, 1867.

IMPROVEMENT IN MACHINE FOR FINISHING BASKETS.

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

TO WHOM THIS MAY CONCERN:

Be it known that I, FRANKLIN H. BROWN, of the city of Chicago, in the county of Cook, and State of Illinois, have invented a new and useful Machine for Finishing Baskets or similar work; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is a side view of my invention.

Figure 2 is a partial end view of my invention.

Figure 3 is a view of the twisting-wheel or twister.

My invention consists in an automatic machine, so arranged that when applied to the edges of baskets it will twist the uprights, as shown in fig. 1, thus making a border or finish to the edges of the work.

Construction and Operation.

A B B constitute the frame. C C is a shaft, passed through bearings in frame A. The shaft C is made hollow for the purpose of feeding the filling F into the centre of the finished work, which is essential only when it is desired to enlarge said border. N is a universal joint, used for the purpose of enabling the twister E, which is rigidly attached to the lower end of shaft C, to perform its work while passing around the curves of a basket. The twister E is provided with a series of hooks, *a*, as shown in fig. 3, which, when in motion, hook in and carry the uprights V around, causing them to be twisted into a border of uniform appearance. H and H′ are friction-wheels, the side of the basket being clamped between them. The wheel H′ is attached to a swinging shaft, K, and is confined, when brought against the socket, in that position by means of a set-screw, *m*. Power is communicated to the wheel H and H′ by means of the driving-wheel D, gearings *g g′*, and shaft G, which causes the basket W to move as fast as required for the twister. *k* is a pivot, being the centre from which shaft K is suspended. J J′ is a roofed apron, jointed at *x* to correspond with universal joint N, its object being to bend and retain the uprights V in proper position to be received by hooks *a*. One end of the apron J′ is bent, as shown in fig. 1, for the purpose of keeping the apron J directly in under the shaft C.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. Wheel E, in combination with hooks *a* and shaft C, as shown, and for the purposes set forth.

2. In a machine for finishing the edges of baskets, the universal joint N, in combination with twister E and shaft C, as and for the purposes set forth.

3. Wheel H, in combination with adjustable wheel H′ and set-screw *m*, as and for the purposes set forth.

4. In a machine for finishing the edges of baskets, the roofed apron J, as and for the purposes set forth.

5. The general construction and arrangement of mechanism, substantially as shown and for the purposes specified.

Witnesses:

LEM. W. FLERSHEIM,
ELLIOTT BRADLEY.

FRANKLIN H. BROWN.