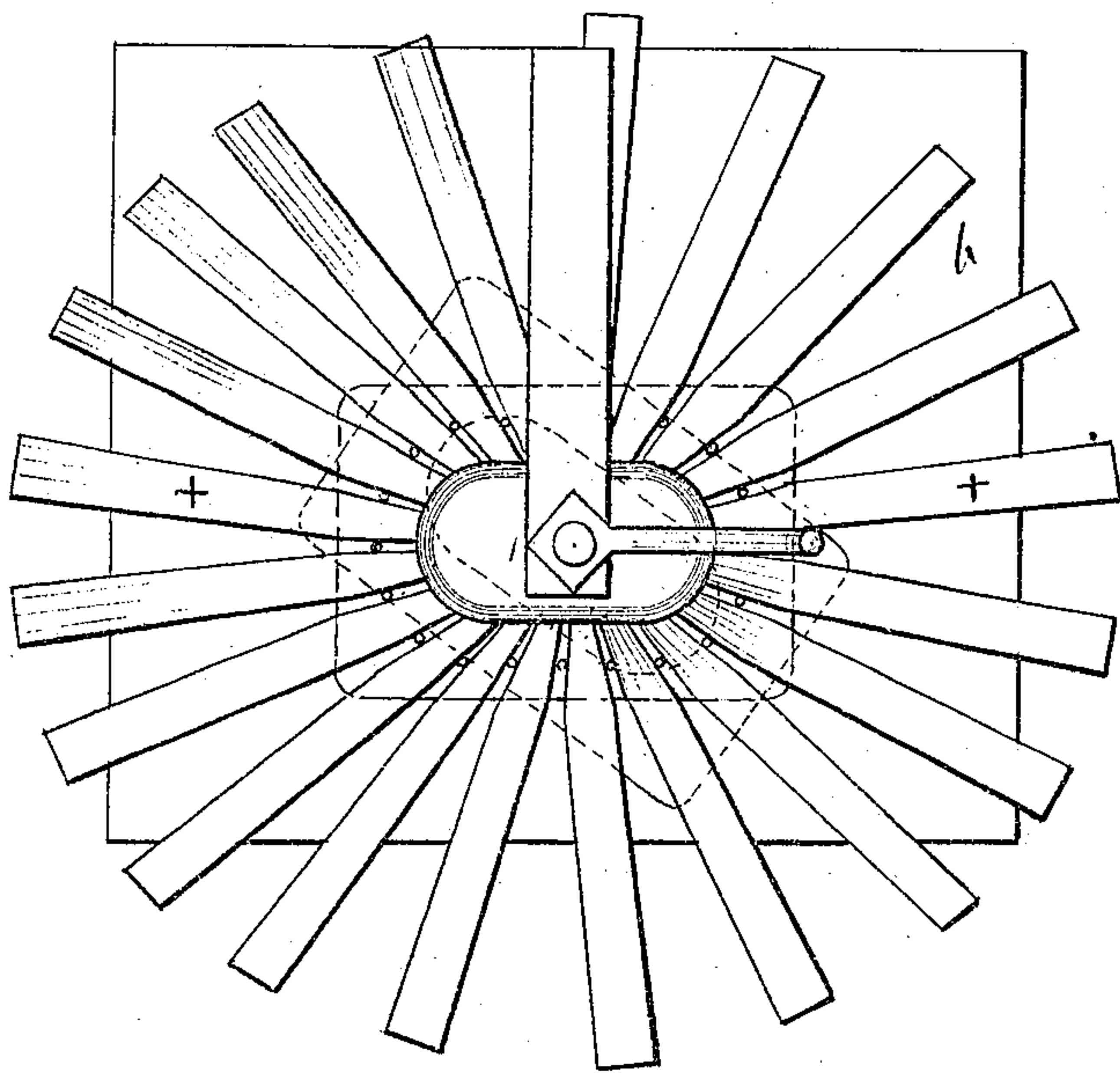


*M. Shaffer,*  
*Basket Machine.*

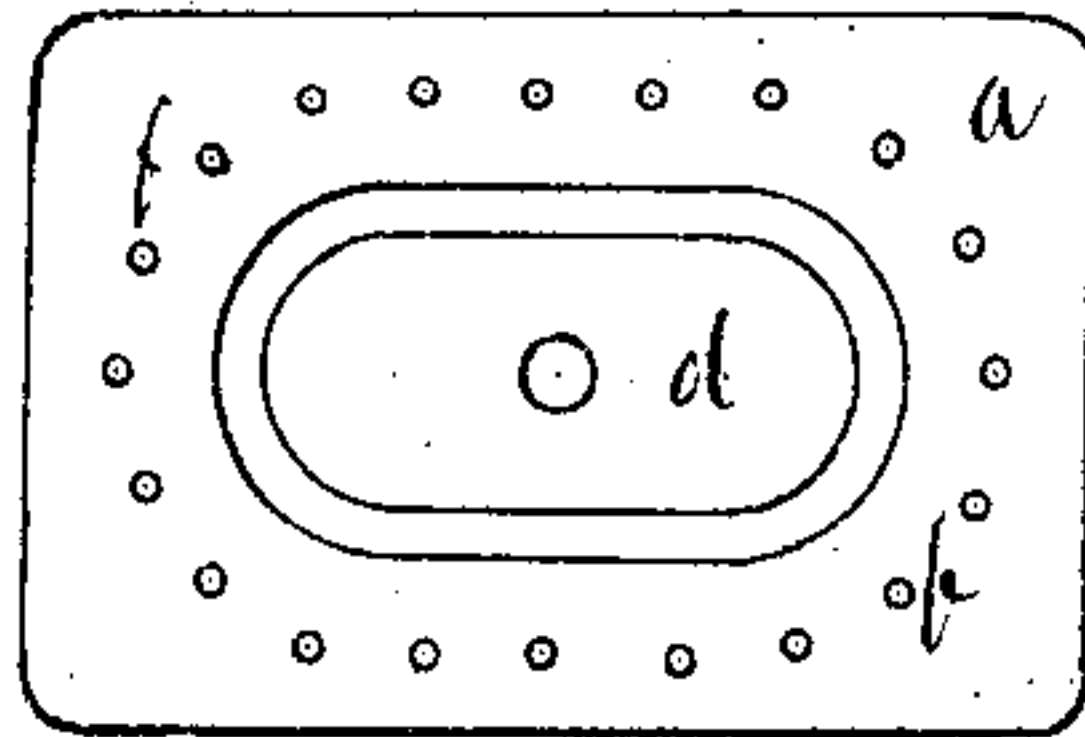
*No. 98,424.*

*Patented Dec. 28. 1869.*

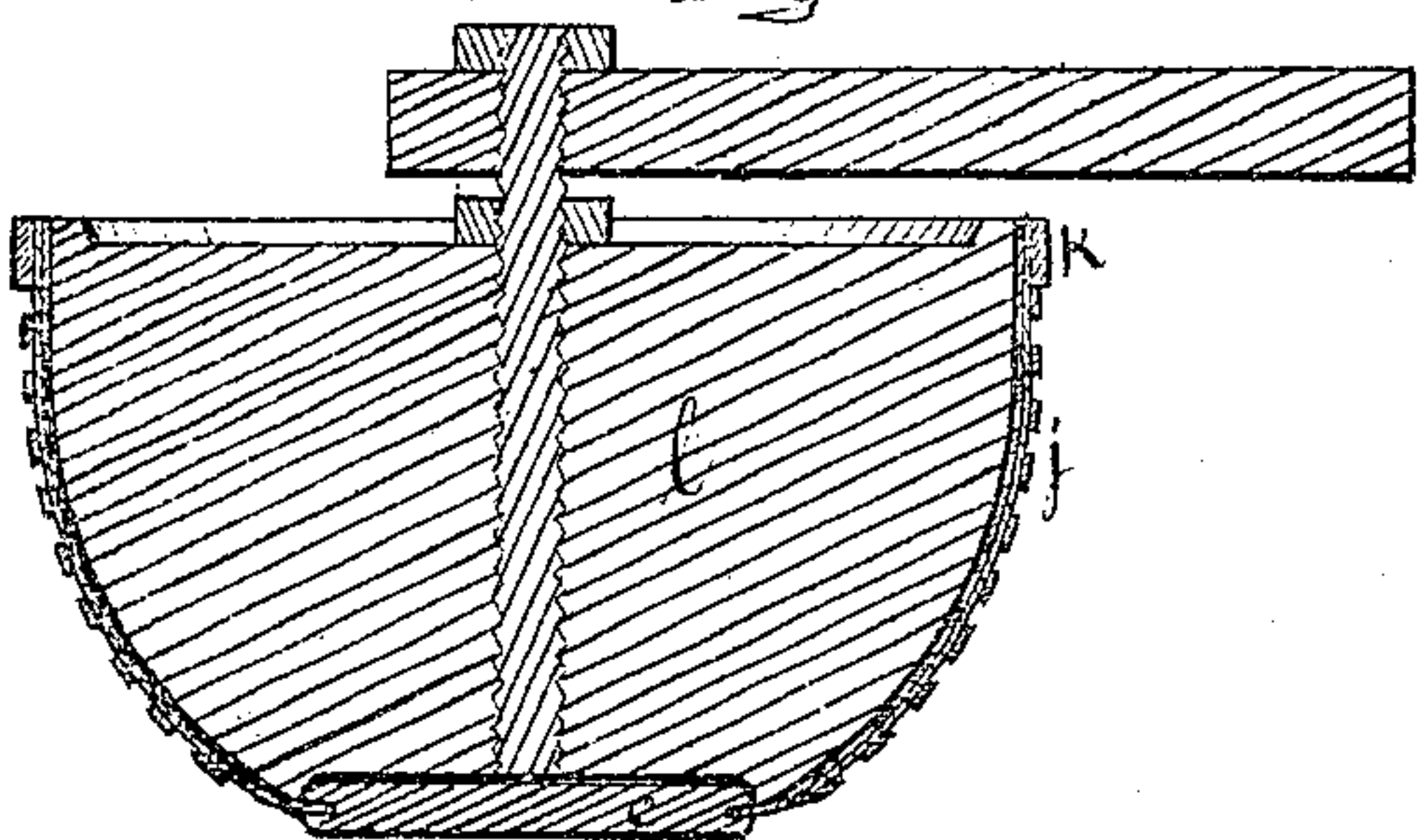
*fig: 1.*



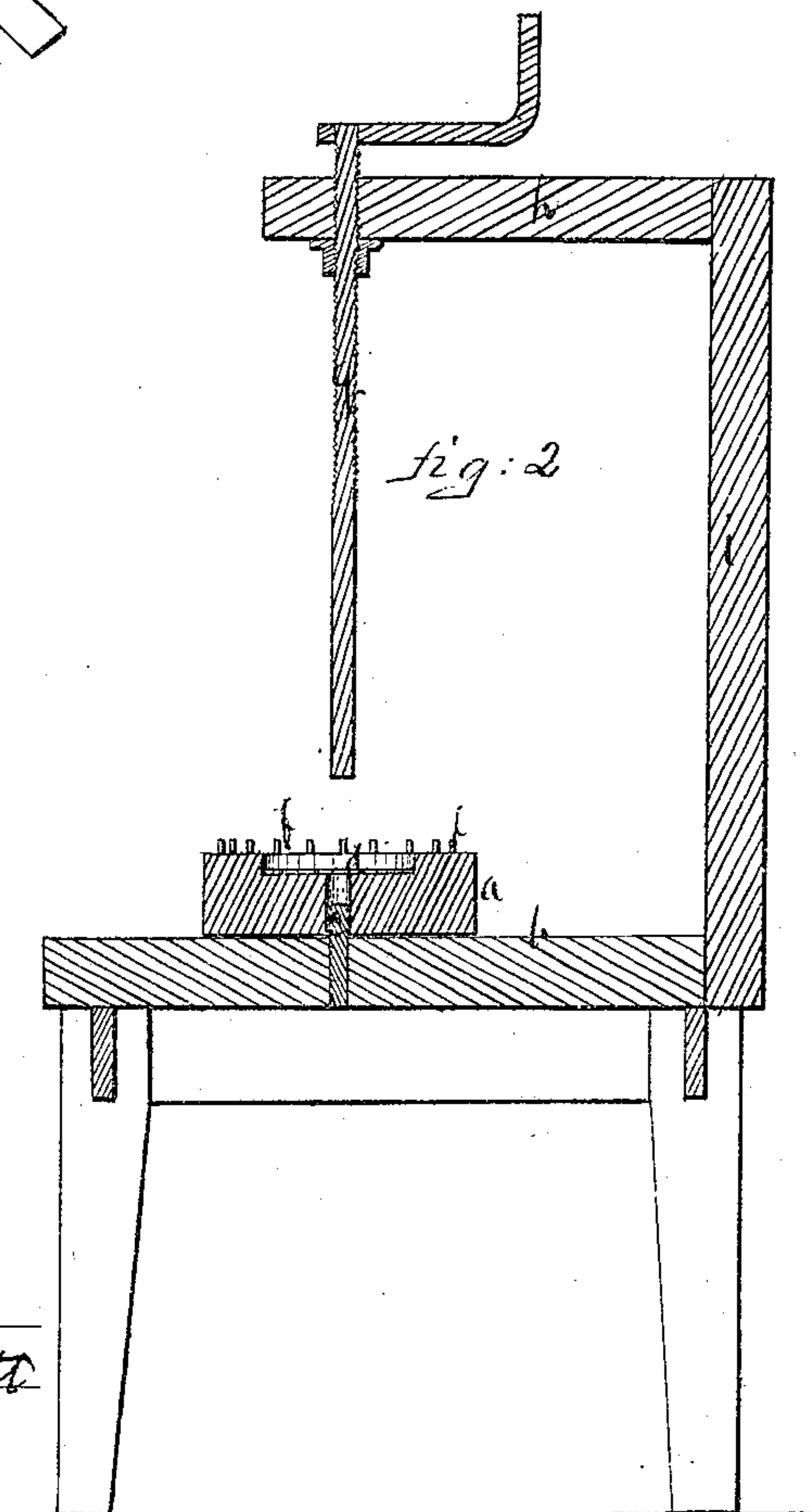
*fig: 4*



*fig: 3*



*fig: 2*



*Inventor*

*Merrill Shaffer*  
*by Atty. Geo. T. Everett*

*Witnesses*

*J. Smith*  
*Robert Everett*

# United States Patent Office.

MERVILLE SHAFFER, OF LA FAYETTE, INDIANA, ASSIGNOR TO FORD TANNER, OF SAME PLACE.

*Letters Patent No. 98,424, dated December 28, 1869.*

## IMPROVEMENT IN BASKET-MACHINE.

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, MERVILLE SHAFFER, of La Fayette, in the State of Indiana, have invented a certain new and useful Improvement in Means for the Manufacture of Baskets; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters and marks thereon, which said drawings form part of this specification, and represent the means used in carrying out my invention—

Figure 1 being a top view of a table and frame used in attaching the ribs or standards to the bottom of the basket;

Figure 2, a view, by vertical section, of the same;

Figure 3, a view, by vertical section, of a former, with a basket thereon; and

Figure 4, a view of a socket, for the bottom of the basket.

In each of these figures, where like parts are shown, like marks and letters are used to indicate the parts.

My invention is intended for use in the manufacture of baskets from strips of wood, and having wooden bottoms, and has special reference to the means for the adjusting and attaching of the ribs or standards to the bottom of the basket.

The socket *a* is so attached to the table *b*, by a screw, *c*, or other suitable device, that it may be turned thereon.

The inner portion, *d*, of this socket, is sunken or depressed, for receiving the under side of the bottom *e* of the basket.

The bottom has a grooved edge, as shown by fig. 3 of the drawings, into which the lower ends of the

ribs or standards *x* of the basket are properly secured.

Pins, *f*, are affixed in the socket, for guiding and holding the strips at suitable distance apart, so that they shall be in the proper position and relation to each other for being formed and worked into the basket.

A screw-rod, *g*, passing through an arm, *h*, which is connected to an upright, *i*, serves to clamp the bottom of the basket in the socket, and thus the ribs and bottom are prepared for the finishing of the basket by pressing the horizontal strips *j* between and over and under the ribs *x*, and for the main band *k*, as is commonly practised, the former *l* being at such stages in the making of the basket as may be necessary.

The manner of attaching the socket to the table gives great facilities for turning and manipulating the bottom and ribs, and also for allowing a change of socket for larger or smaller bottoms, for baskets of different sizes, and if a series of holes be made in the socket, the pins could be readily transferred, so as to adapt them to ribs of different widths, the spaces between the pins being wider or narrower, as required.

What I claim as my invention of the means herein named for making wood-bottom baskets, is—

The pins or guides *f*, in combination with the screw-rod *g* and socket *a*, as herein set forth.

This specification signed, this 19th day of August, 1869.

MERVILLE SHAFFER.

Witnesses:

JOHN M. KERPER,  
MARK JONES.