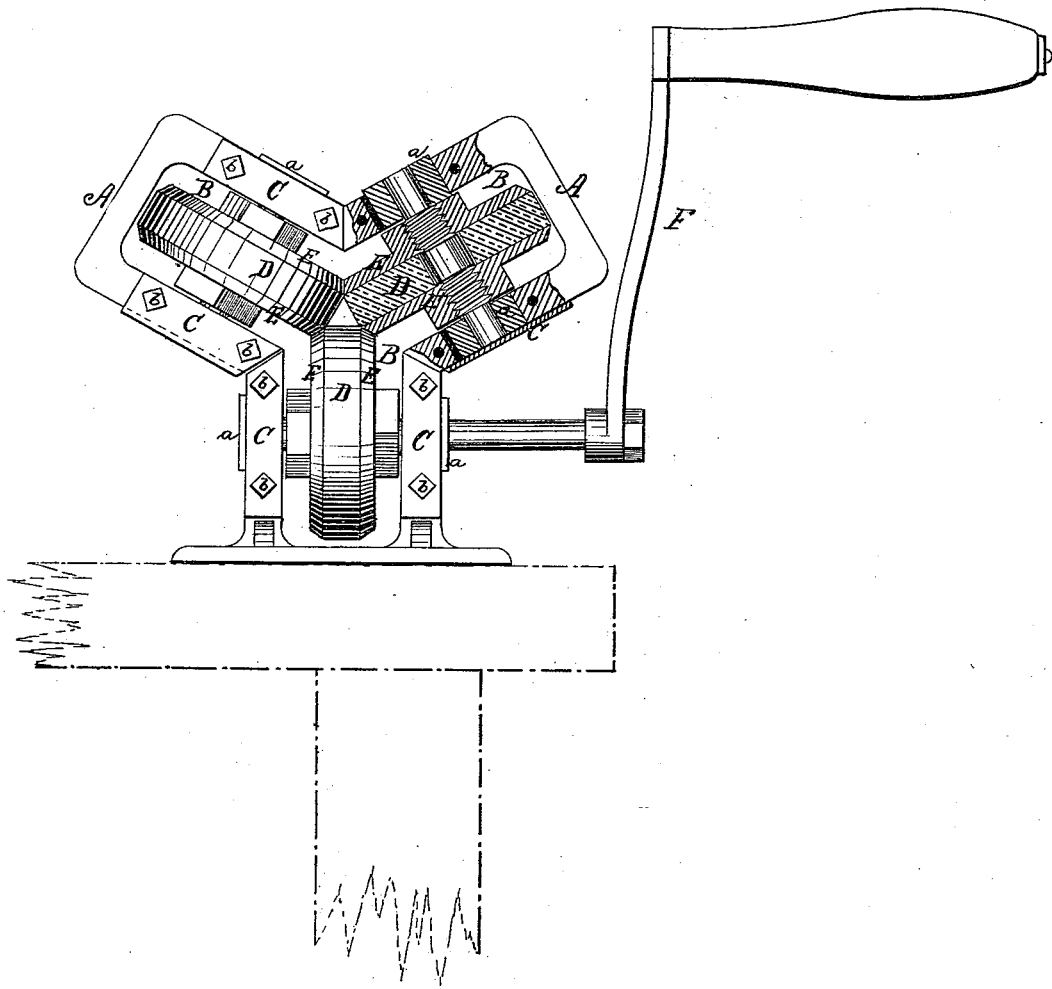


S. B. HYMER.
Candy-Spinner.

No. 165,836.

Patented July 20, 1875.



WITNESSES:

A. B. Robertson,
George Kemou

INVENTOR:

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UNITED STATES PATENT OFFICE.

STEWART B. HYMER, OF TERRE HAUTE, INDIANA.

IMPROVEMENT IN CANDY-SPINNERS.

Specification forming part of Letters Patent No. 165,836, dated July 20, 1875; application filed April 14, 1875.

To all whom it may concern:

Be it known that I, STEWART B. HYMER, of Terre Haute, in the county of Vigo and State of Indiana, have invented a new and Improved Candy-Spinner; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which the figure is a side elevation, partly in section.

The object of this invention is to provide an improved machine for spinning candy into sticks from the plastic mass; and it consists in the combination of three wheels set at about equal angles with respect to each other, and having faces of vulcanized rubber or other non-conducting and non-adhesive material, the said faces being of such pattern as it may be desirable to spin the sticks into.

In the drawing, A represents a frame adapted to receive the journal-boxes *a* of the wheels B. Said frame may be of any desirable construction or material, and is made so as to allow the journal-boxes *a* an adjustment toward and from the center to regulate the frictional contact of the wheels, or vary the size of the sticks. The said journal-boxes are held in the frame by means of the plates C and the set-screws *b*, and are adjusted either by keys or by set-screws, as may be desired. The wheels B are three in number, and are arranged in the journal-boxes, so as to revolve in angular planes of about one hundred and twenty degrees with respect to each other. These said wheels are constructed of plates E and intermediate disks D of vulcanized rubber, wood, or other non-conducting material, which will not permit of the adhesion of the candy. The lower one of the said wheels is provided with a crank, F, and the edges of all the wheels are beveled and nicely turned, so as to engage each other with a frictional contact upon the corners, and revolve together. The said wheels may have plain faces, as

shown, which form the triangular sticks that are afterward twisted and sold as "anchor twist," or the said faces may be rounded, polygonal, or of fancy pattern to mold any kind of stick that may be desired.

In connection with the machine as thus described, a feeding device is to be used, which regulates the amount of candy to be fed to the machine, and prevents the latter from being clogged by too much of the plastic material.

In machines heretofore employed for spinning candy but two metallic wheels were employed, and the metal being easily heated allowed the candy to adhere to the face of the same, and produce much embarrassment and delay. In two wheels, moreover, the candy is liable to crack by reason of the fact that the outer edge of the groove being farther from the center of the wheel than the inner portion, moves faster, and different parts of the stick are spun with different degrees of rapidity. By means of the arrangement of the three wheels this difficulty is obviated, and the peculiar construction of my wheels prevent the adhesion of the candy to the same.

Having thus described my invention, what I claim as new is—

1. The combination of the three wheels B, arranged to revolve together by frictional contact at or about one hundred and twenty degrees with respect to each other, substantially as and for the purpose described.

2. A wheel for spinning candy, having its face made of rubber, wood, or other non-conducting and non-adhesive material, substantially as and for the purpose described.

The above specification of my invention signed by me this 12th day of April, 1875.

STEWART B. HYMER.

Witnesses:

SOLON C. KEMON,
CHAS. A. PETTIT.