

(No Model.)

J. G. MEEKER.
HAT SIZING MACHINE.

No. 305,623.

Patented Sept. 23, 1884.

Fig 1

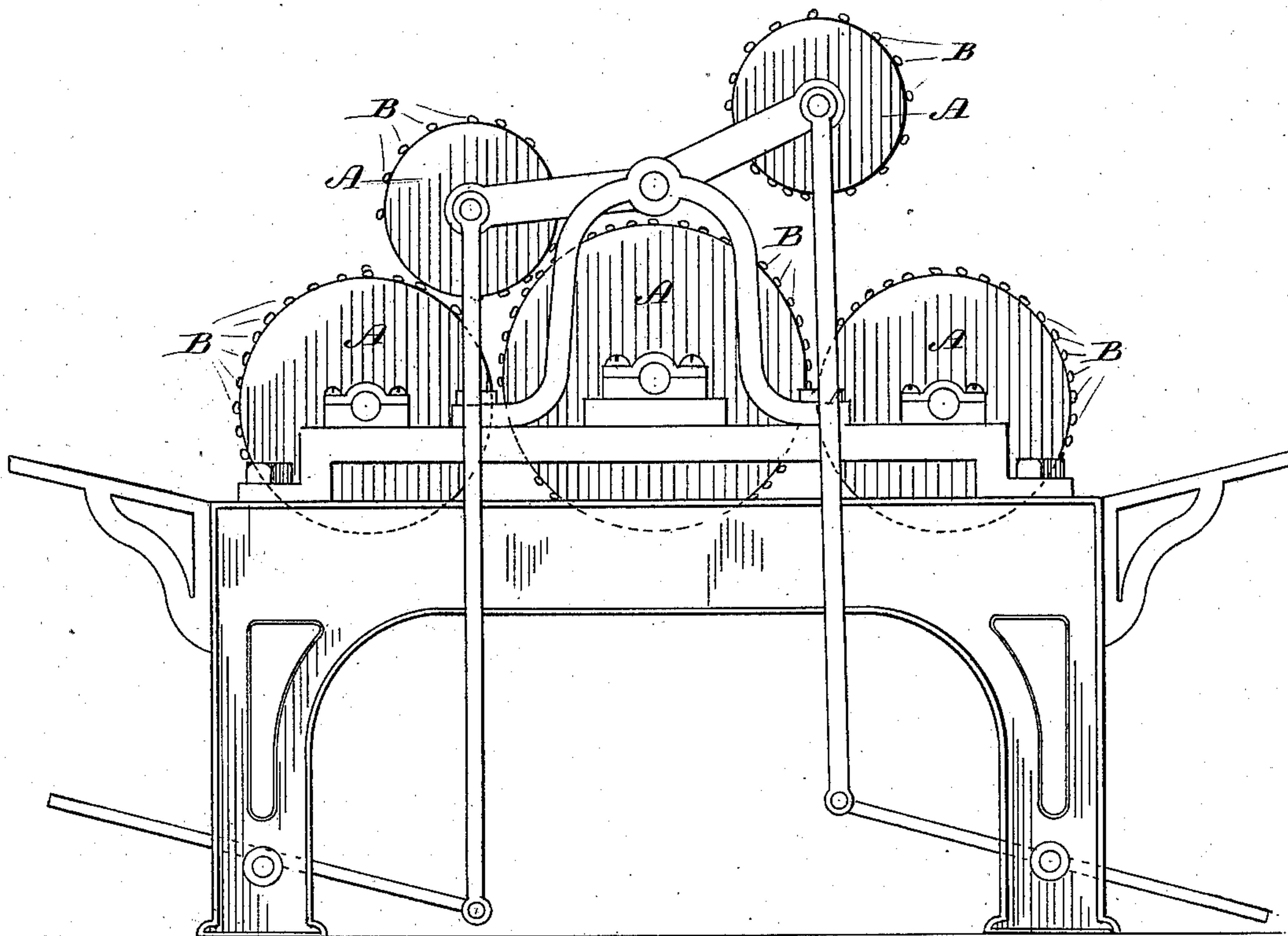
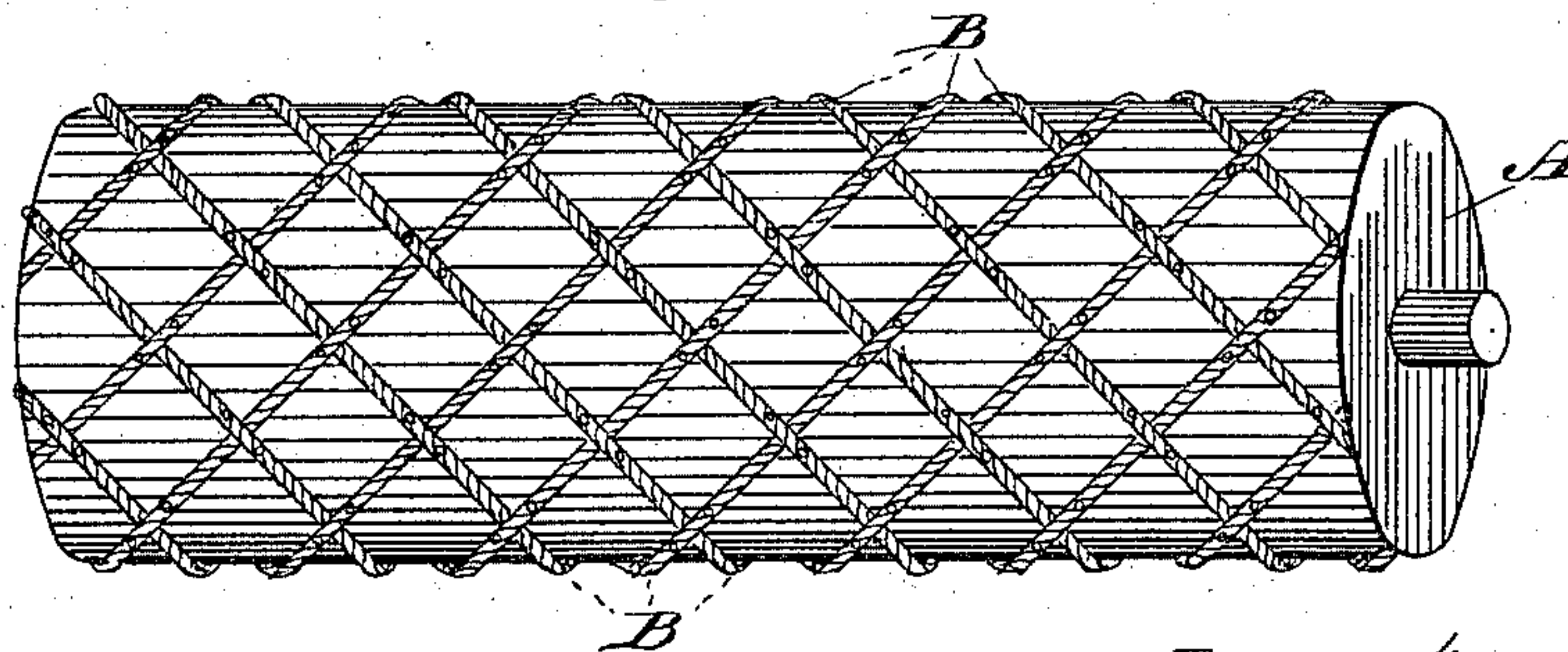


Fig 2



Witnesses
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John G. Meeker
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UNITED STATES PATENT OFFICE.

JOHN G. MEEKER, OF DANBURY, CONNECTICUT.

HAT-SIZING MACHINE.

SPECIFICATION forming part of Letters Patent No. 305,623, dated September 23, 1884.

Application filed April 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. MEEKER, a citizen of the United States, residing at Danbury, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Hat-Sizing Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain novel and useful improvements in hat-sizing machines, and has for its object to improve on the construction shown and described in Letters Patent No. 215,144, granted to me May 6, 1879; and with these ends in view my invention consists in the details of construction and the combination of elements hereinafter fully described, and then specifically designated by the claim.

In order that those skilled in the art to which my invention appertains may more fully understand its construction and operation, I will proceed to describe the same, referring by letter to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of a machine constructed in accordance with my improvement, and Fig. 2 a detail perspective of one of the rolls provided with my improvement.

Similar letters denote like parts in both figures of the drawings.

I will not enter into any description of the arrangement of the rolls and the operation of the same, as this is not new and is the same as in any ordinary machine of a similar description, and, moreover, forms no part of my present invention.

A are the rolls, and B the sizing-surfaces. These surfaces are made of any flexible and yielding material, such as rope, rubber, &c., and they are applied and secured to the rolls in any suitable manner. The advantage gained by my improved construction is that the said surfaces yield when the hat comes in contact with them, and this affords a manipulation closely analogous to the fingers of the hand, thereby enabling me to perform the operation of "second sizing" with great facility and with exceedingly beneficial results.

In my former patent above referred to an adjustable apron and a revolving roll are used and the sizing-surfaces are made of rope or any other yielding material; but owing to the fact that the apron is stationary the actual yielding of the said surfaces is so slight that it does not produce the results accomplished by my present construction.

I do not wish to be confined to any particular number of rolls, as this is immaterial, the gist of my invention resting in the sizing-surfaces themselves.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a hat-sizing machine having all the sizing-surfaces carried by rolls adapted to revolve, the sizing-surfaces made of a flexible and yielding material and attached to the faces of said rolls, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN G. MEEKER.

Witnesses:

WILLIAM A. LEONARD,
BENEZET A. HOUGH.