

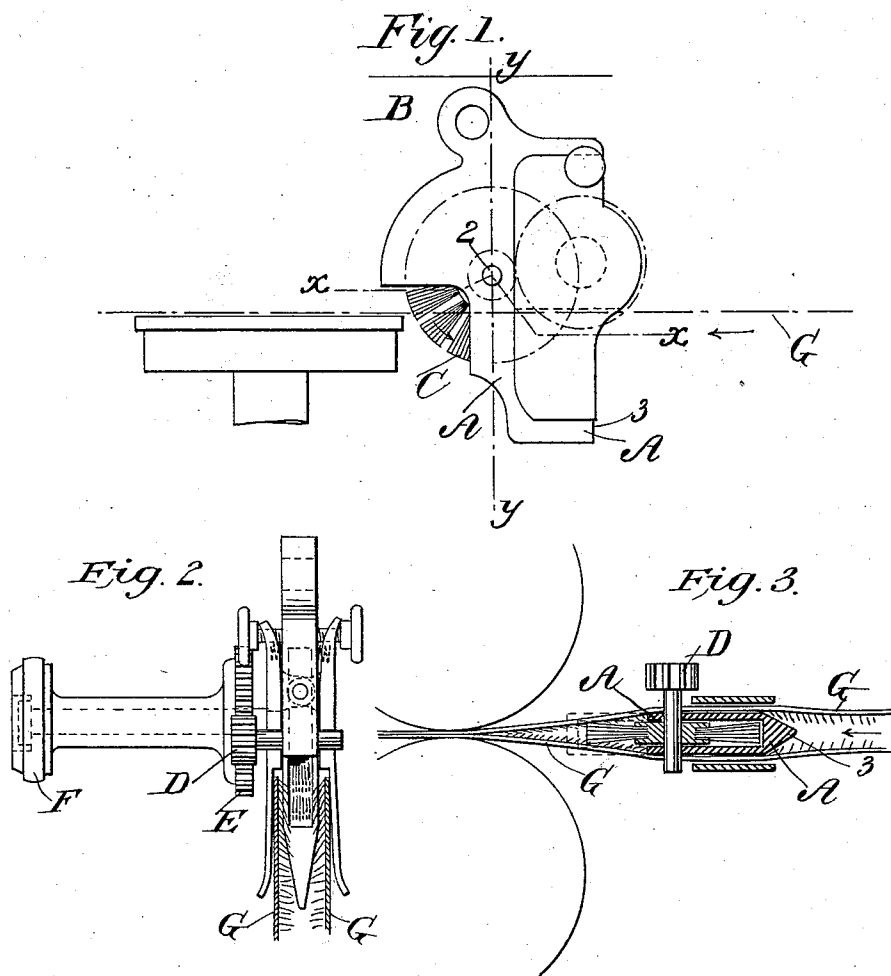
(No Model.)

H. A. KLEMM.

HAIR DIVIDING ATTACHMENT FOR OVEREDGE SEWING MACHINES.

No. 571,126.

Patented Nov. 10, 1896.



WITNESSES:

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HERMANN ARTHUR KLEMM, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF
TO CHRISTIAN ENGELHARDT, OF SAME PLACE.

HAIR-DIVIDING ATTACHMENT FOR OVEREDGE SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 571,126, dated November 10, 1896.

Application filed July 8, 1896. Serial No. 598,439. (No model.)

To all whom it may concern:

Be it known that I, HERMANN ARTHUR KLEMM, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Hair-Dividing Attachments for Overedge Sewing-Machines, of which the following is a specification.

My invention relates to means for brushing the hair down between furs automatically while being fed to overedge sewing-machines, and said invention relates especially to the character of hair-dividing attachment set forth in my pending application for a patent of the United States, Serial No. 549,063, filed May 13, 1895, and allowed April 21, 1896.

The object of the invention, and more particularly as to the feature herein claimed, is to insure that all the hairs of the fur shall be smoothly brushed down and confined between the furs immediately before entering the feed-disks or other feed device of an overedge sewing-machine, and to insure that none of the hairs shall project up, as would occur if the upward-moving part of the brush is allowed to have contact with the fur, as has heretofore been permitted.

To this end the invention consists in a hollow divider inclosing all parts of the brush or other rotary device, except the descending portion thereof which is exposed and acts on the goods in a downward direction only.

Referring to the accompanying drawings, Figure 1 is a side elevation of the divider, indicating the relative position of a suitable feed device thereto. Fig. 2 is a front elevation of Fig. 1; and Fig. 3 is a horizontal section of Fig. 1, taken on the line $x x$.

A represents the divider, which for convenience is pivotally attached to a suitable part of the frame of the machine B, so that it may be swung out of position when desired, and this divider A is hollow, so as to form a case inclosing the dividing-wheel C, which has means consisting in gear-wheels D E and a friction-wheel F, adapted to engage with a

dividing-wheel C in a downward direction at its exposed side, so as to brush the fur of the goods G exclusively in a downward direction, as indicated in the drawings.

The exposed part of the wheel C may be greater or less, about one-quarter exposure being shown, the essential being that the exposed portion lie on one side of a vertical plane $y y$, Fig. 1, passing through the axis 2 of the wheel C.

The inclosing divider A serves to part the goods at the plow-point 3, the hair being swept backward, and then as the goods pass the wheel C the hair is brushed downward evenly and uniformly, and the fur is protected against any upward action of the brush either before or after passing the downward-moving side.

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

1. In a hair-dividing attachment for overedge sewing-machines, the combination of a hollow divider, guide-plates forming passage-ways for the furs at each side or surface of the divider, a rotary dividing wheel or brush inclosed in the hollow divider and exposed to said passage-ways on one side of a vertical plane through its axis, and means for rotating said wheel in a descending direction at said exposed portion.

2. In an overedge sewing-machine, the combination of a suitable feed device, a hollow divider, guide-plates forming passage-ways for the furs at each side or surface of the divider, a rotary dividing wheel or brush inclosed in the hollow divider and exposed to said passage-ways on the side of a vertical plane through its axis from which the goods are drawn by said feed device.

Signed at New York, in the county of New York and State of New York, this 24th day of June, A. D. 1896.

HERMANN ARTHUR KLEMM.

Witnesses:

C. POLAK,
MARGARET QUIN.