(Specimens.)

H. HAASE.

GARMENT EDGING.

No. 589,720. Patented Sept. 7, 1897.

Fig. 1.

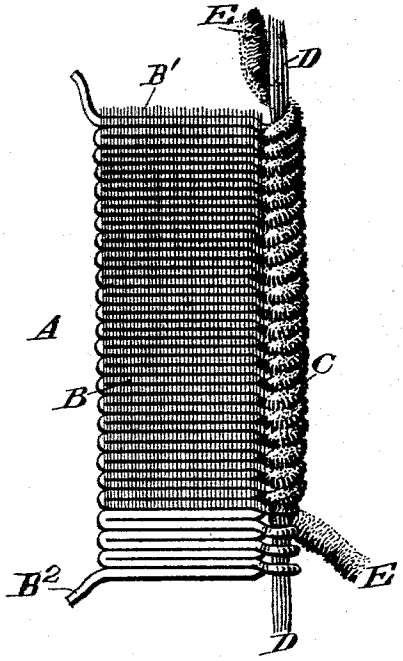
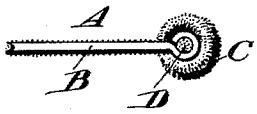


Fig. 2.



WITNESSES

P. F. Dagle.

L. Donville.

INVENTOR.

Henry Haase

BY John A. Wiedersheim.

ATTORNEY.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HENRY HAASE, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO THE HENSEL COLLADAY COMPANY, OF PENNSYLVANIA.

GARMENT-EDGING.

SPECIFICATION forming part of Letters Patent No. 589,720, dated September 7, 1897.

Application filed January 6, 1897. Serial No. 618,120. (Specimens.)

To all whom it may concern:

Be it known that I, HENRY HAASE, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Garment-Edging, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a garment-edging composed of a body and a spiral border, as hereinafter described and claimed, the latter being formed as the body is woven and supported on a warp which is independent of the warp-threads of the body and engaged by the weft-threads of said body, thus securing the border to the body.

Figure 1 represents a face view of a piece of garment-edging embodying my invention. Fig. 2 represents an end view thereof.

Similar letters of reference indicate corresponding parts in the two figures.

Referring to the drawings, A designates a garment-edging, the same consisting of the body B and the border C, united thereto.

In carrying out my invention I weave the body B of warp-threads B′ and a continuous weft-thread B^2 in the usual manner and employ an additional warp D, which is preferably of much greater thickness and independent of the warp-threads of the body B and placed adjacent to the warp for one edge of the body and at one side of the same, said warp-threads and thick warp passing through a suitable reed.

As the weaving of the body continues the weft-thread B^2 is carried laterally beyond the edge of said body and run around the warp D and then shot back, thus forming a loop on said warp, while said weft-thread unites with the warp-threads B′, continuing the weaving of the body.

A cord or piece E, of chenille or other material, is now wound spirally, one convolution around the warp D, adjacent to the loop thereon formed by the warp-thread, after which the weft-thread is shot back and around the warp D, forming another loop on the latter, when another convolution of the cord E is wound on said warp. Then the weft-thread again unites with the warp-threads B′, continuing the weaving of the body, and the operations are repeated, it being noticed that the body, the auxiliary warp D, and the cord E are united as one, and that the cord forms a spiral border whose convolutions alternate with the loops of the weft-thread on the warp D, but conceal and cover said loops, so that the latter are not cut through when the edging is in use, and thus the border remains connected with the body in a durable and reliable manner.

The cord E is thrown around the warp D by means of a rotary finger or eye, or by hand, if so desired.

In Fig. 1 the warp-threads are removed from the lower part of the body in order to expose the weft-thread thereat, and the adjacent portion of the cord E is not wound around the warp D, but is removed therefrom, so as to show the binding action of the weft-thread of the body around said warp D.

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

A garment-edging consisting of a body and a border, said body being formed of warp-threads and a weft-thread, said border being formed of an auxiliary warp-thread around which the weft-thread of said body is passed, and a cord coiled around said auxiliary warp-thread, said cord having its convolution alternating with the loops of the weft-thread on said auxiliary warp-thread.

HENRY HAASE.

Witnesses:
JOHN A. WIEDERSHEIM,
WM. C. WIEDERSHEIM.