T. B. DE FOREST.

BINDING FOR SKIRTS.

No. 61,172. Patented Jan. 15, 1867.

Fig. 6

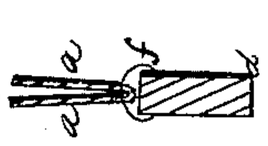

Fig. 5.

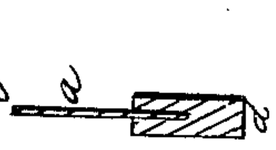

Fig. 4.

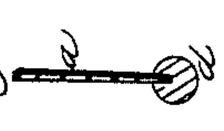

Fig. 3.

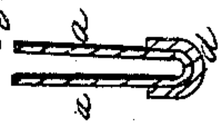

Fig. 2

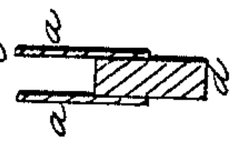

Fig. 1

Witnesses:

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Inventor:

T B D. Forrest

By his Attorney

John C. Carr

UNITED STATES PATENT OFFICE.

THOMAS B. DE FOREST, OF BIRMINGHAM, CONNECTICUT.

IMPROVEMENT IN BINDINGS FOR SKIRTS.

Specification forming part of ~~of~~ Letters Patent No. **61,172**, dated January 15, 1867.

CASE B.

To all whom it may concern:

Be it known that I, T. B. DE FOREST, of Birmingham, in the county of New Haven and State of Connecticut, have invented a new Improved Binding for Dress-Skirts; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent sections of different forms of constructing the binding, enlarged.

This invention relates to an improvement in the binding for the skirts of ladies' dresses; and consists in the formation of a binding which shall present an edge of india-rubber or other flexible material below the edge of the skirt to protect the same from wear by contact with the floor or pavement.

To enable others to construct and use my improvement I will proceed to describe the same as illustrated in the accompanying drawings.

The manner in which I prefer to form the binding is by the attachment of the gum to a ribbon or strip of ordinary binding and secure the two together by the process known as vulcanization. Such construction is shown in Figures 1, 2, 3, 4, and 5, enlarged.

In Fig. 1, *a* is the binding, and *d* the rubber. The rubber is applied to the binding while in an adhesive or uncured state; or it may be cured rubber, the surface which comes in contact with the binding being coated with india-rubber gum, the two being attached together and secured by the ordinary process of vulcanization, and then the binding is stitched to the skirt in the usual manner; or, as seen in Fig. 2, two strips of binding, *a a*, are attached in like manner, the one lying upon the outside of the skirt, the other upon the inside, and in Fig. 3 a broad piece of binding is used and doubled so as to form two sides, and the doubled edge covered, as seen at *d*, Fig. 4, in like manner; or, as in Fig. 4, a round edge of rubber, *d*, may be in like manner secured to the binding *a*, or a flat piece of rubber, *d*, secured to the binding *a*, as seen in Fig. 5.

I thus far describe the rubber as attached to the binding by gum or the process of vulcanization, yet it may be done, as seen in Fig. 6, by stitching the binding *a* to the rubber *d*, as denoted at *f*.

If preferred, the binding itself may be thinly coated with india-rubber, and thus rendered water-proof.

The edge of the binding thus formed prevents the binding from being worn by dragging upon the floor or pavement, and the binding is thus prepared at a comparatively small cost.

By the expression of india-rubber edge I do not wish to be understood as confining myself to this material, but to any kindred flexible material.

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

A binding presenting an india-rubber or similar flexible edge, substantially as herein described, as a new article of manufacture.

THOS. B. DE FOREST.

Witnesses:

E. SHUSTER,

DANIEL S. LATHROP.