

No. 704,615.

Patented July 15, 1902.

F. O. CARLSON & B. J. HAALAND.
CLOTH CLEANING DEVICE.

(Application filed Nov. 12, 1900.)

(No Model.)

Fig. 1.

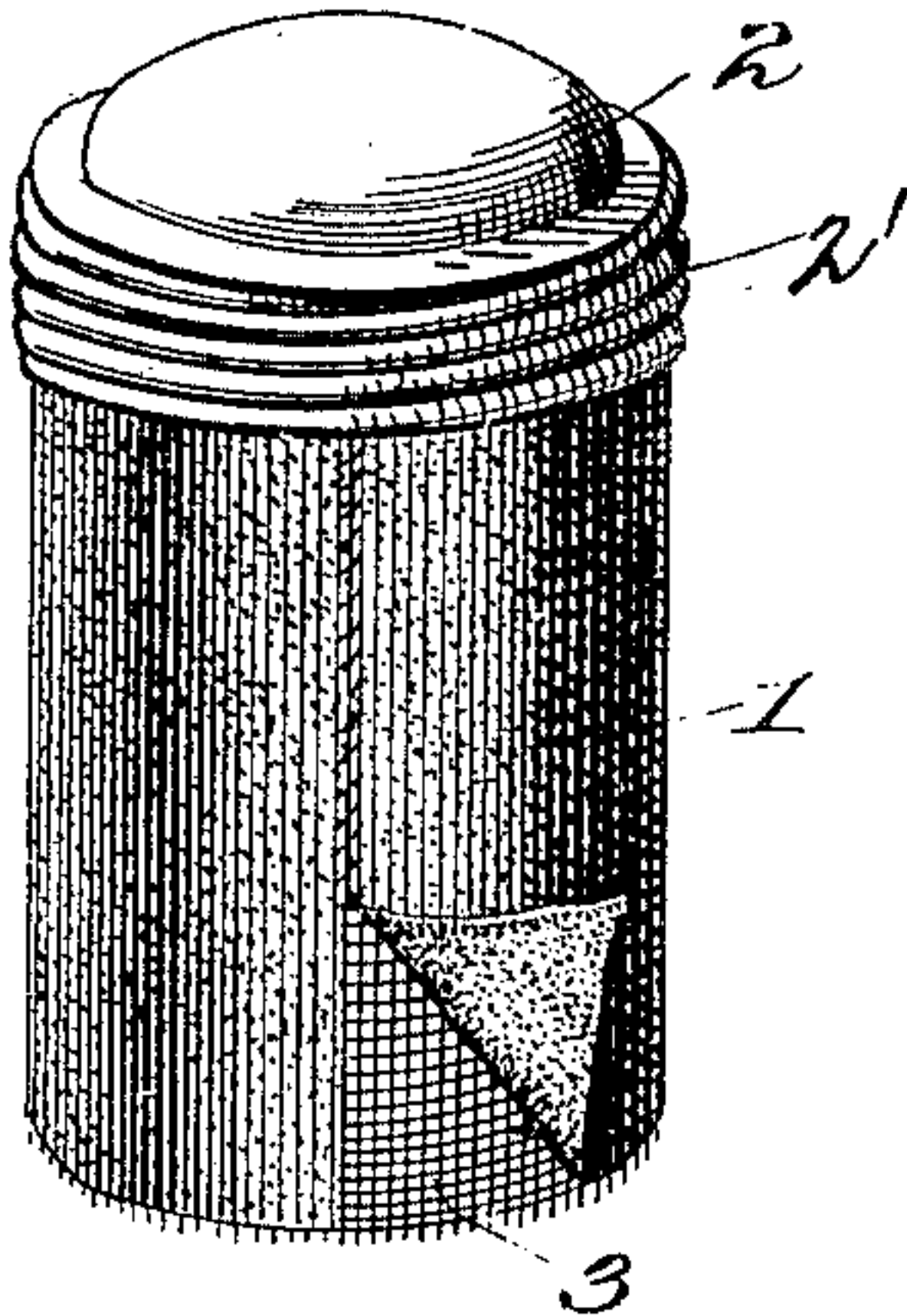


Fig. 2.

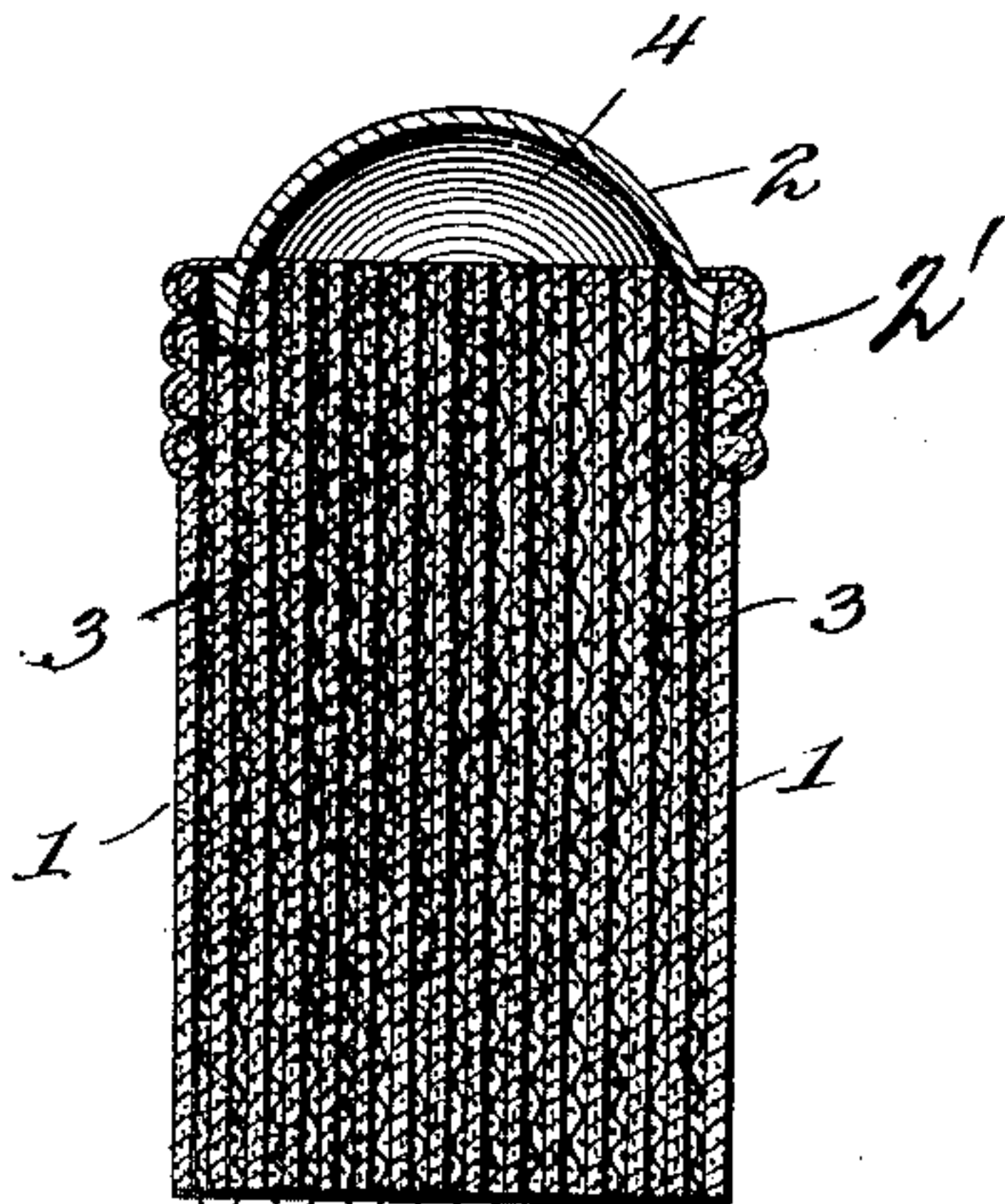
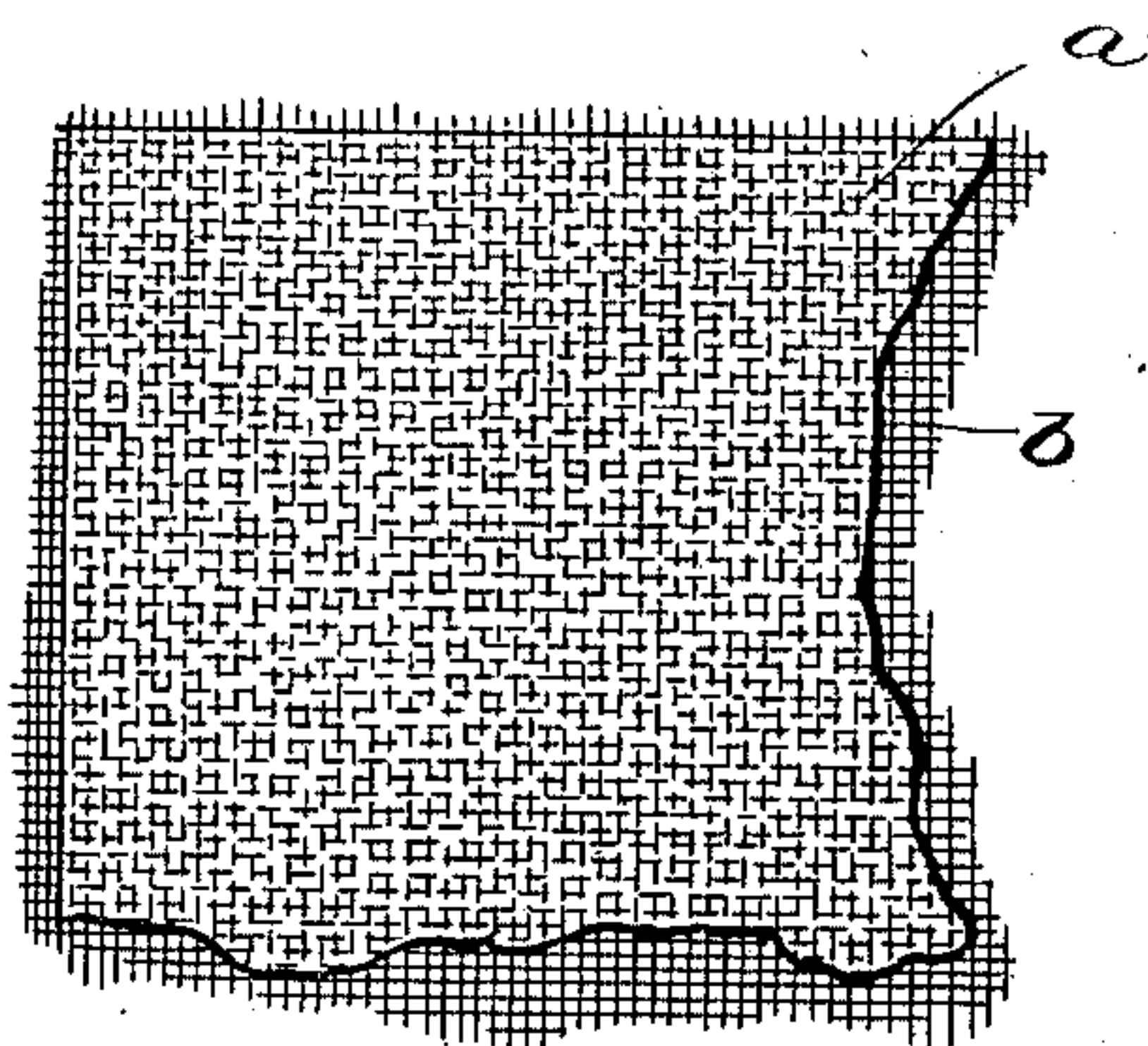


Fig. 3.



Witnesses
Edgar M. Lyons
E. E. Hebb.

Inventors
F. O. Carlson and
B. J. Haaland
by Frank S. Appelman, Attorney

UNITED STATES PATENT OFFICE.

FRANK O. CARLSON AND BRIGHT J. HAALAND, OF VALLEY CITY, NORTH DAKOTA.

CLOTH-CLEANING DEVICE.

SPECIFICATION forming part of Letters Patent No. 704,615, dated July 15, 1902.

Application filed November 12, 1900. Serial No. 36,255. (No model.)

To all whom it may concern:

Be it known that we, FRANK O. CARLSON and BRIGHT J. HAALAND, citizens of the United States of America, residing at Valley City, in the county of Barnes and State of North Dakota, have invented certain new and useful Improvements in Cloth-Cleaning Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to clothes-cleaners; and it has for its object to provide novel means for applying a cleaning agent to the clothes, whereby the same may be distributed and rubbed over the surface to be cleaned.

A further object of the invention is to provide a clothes-cleaning brush which will produce a scratching or slightly-abrading action for the purpose of effecting removal of grease or dirt which is in the fiber of the garment.

A further object of the invention is to provide a clothes-cleaning device in which a combined bristle and cloth surface is in contact with the material to be cleaned.

Finally the object of the invention is to produce a cloth-cleaning device which will possess advantages in points of simplicity, efficiency, and proving at the same time comparatively inexpensive.

With the above and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail reference will be had to the accompanying drawings, forming a part of this specification, wherein like characters denote corresponding parts in the several views, and in which—

Figure 1 is a view in perspective of a cloth-cleaning device embodying the invention. Fig. 2 is a sectional view centrally of Fig. 1. Fig. 3 is a view of a fragment of material dif-

fering from that shown in Figs. 1 and 2 of which the device may be formed.

In the drawings the cap 2 is attached to the body by a ring 2', which is threaded, and the threads being embedded in the surface of the body the parts are held together and form a head for the roll.

In Figs. 1 and 2 is illustrated the construction of a device from material in common use, this comprising a cloth 1, preferably wool and hair-cloth 3, having their edges coinciding. The cleaning device is formed by wrapping the two cloths in a roll, with the hair-cloth on the inside, until the diameter is approximately two and one-half inches, in which position the roll is securely held. The end of the roll so formed will be found to have a slightly-rough surface, owing to the presence of bristles of the hair-cloth, and the device will be found well adapted for applying the cleaning agent.

In Fig. 3 we show a fabric in which the hair *b* is woven with the wool at *a*.

The construction, operation, and advantages will, it is thought, be understood from the foregoing description, it being noted that changes in the proportions and details of construction may be resorted to for successfully carrying the invention into practice without departing from the scope of the claim.

Having thus fully described the invention, what we claim as new, and desire to secure by Letters Patent, is—

In a cloth-cleaning device, hair-cloth and a layer of other fibrous material rolled together with their end edges coinciding, and secured as and for the purpose described.

In testimony whereof we affix our signatures in the presence of two witnesses.

FRANK O. CARLSON.
B. J. HAALAND.

Witnesses:

A. P. PAULSON,
ALFRED TRUGER.