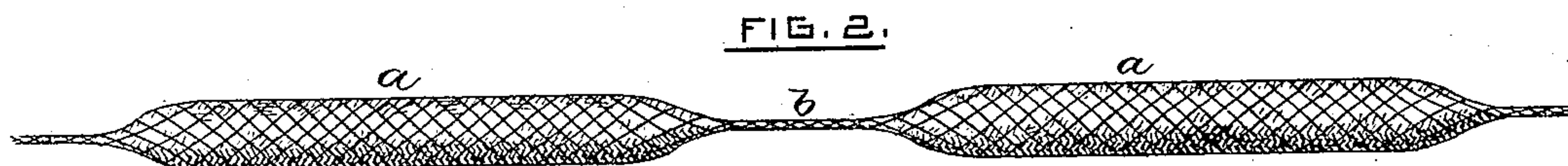
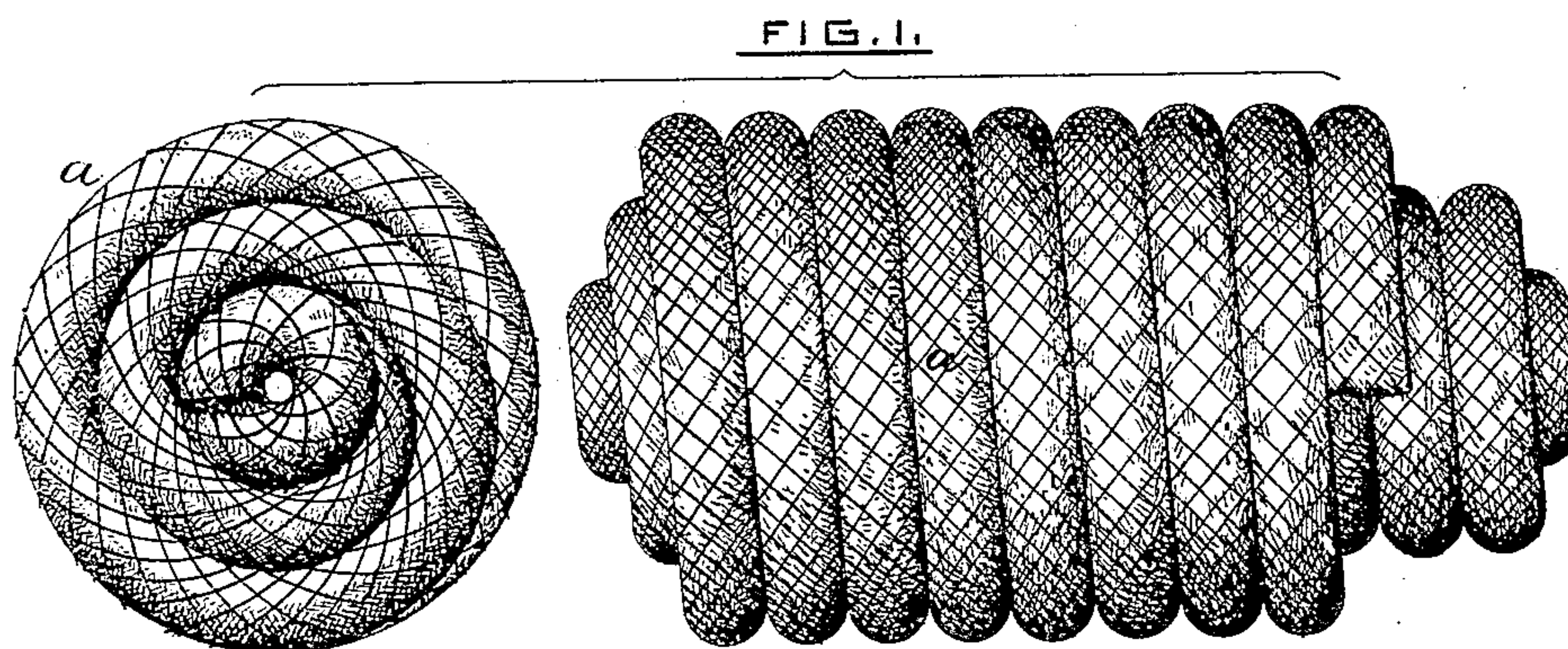


(No Model.)

D. GOFF.  
FIBROUS BATTING.

No. 271,624.

Patented Feb. 6, 1883.



ATTEST:

*Philip H. Larnet*  
*Lowell Bartle*

INVENTOR:

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# UNITED STATES PATENT OFFICE.

DARIUS GOFF, OF PAWTUCKET, RHODE ISLAND.

## FIBROUS BATTING.

SPECIFICATION forming part of Letters Patent No. 271,624, dated February 6, 1883.

Application filed April 3, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, DARIUS GOFF, of Pawtucket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Fibrous Batting; and I do hereby declare that the following specification, taken in connection with the drawings furnished and forming a part of the same, is a clear, true, and complete description of my invention.

My said improvements relate to fibrous batting regardless of the particular character of the fibrous matter employed, and the same may be fine or coarse wool or cotton, or any other similarly fibrous material suitable for use in any of the various connections wherein a batting or filling of any kind is deemed desirable.

Heretofore fibrous batting has been prepared and placed upon the market for sale and use in the form of a cylindrical mass of short length, practically in bulk, and incased within a jacket or cylinder of paper, from which the batting is loosely removed in such quantities as may be required from time to time.

My improved batting is prepared in the form of a continuous sliver of various lengths and of various diameters, and inclosed within a loosely-braided cylindrical seamless fabric, so that said fabric may always be relied upon for its supporting or containing function when the batting as a whole is ultimately embodied with its jacket in any article as a filling or stuffing. Fibrous matters specially treated with reference to developing its absorbent qualities, and inclosed within a braided jacket, and constituting absorptive pads for hospital and surgical purposes, will be made by me the subject of a separate application for Letters Patent.

To more particularly describe my invention, I will refer to the accompanying drawings, wherein—

Figure 1 represents in end and side view a roll of my improved batting in one of its desirable forms. Fig. 2 is a side view of a length of batting in a form well suited for many purposes.

It is to be understood that the fibrous matter for the bats or batting is to be selected in each case with reference to the special or gen-

eral uses intended, and that such fiber is to be treated as may desired with reference to the characteristic features deemed best suited for the purposes intended. As, for instance, if wool or other animal fiber be used, and intended for a filling or stuffing where elastic properties are desirable, the wool should be coarse, its fiber carded or combed, but not too much straightened out, and so washed or treated as to leave it dry, crisp, and springy; but if, on the other hand, it be desirable that such fiber be soft and delicate, the wool may be of a finer quality, straightened out as to its fiber, and softened by such oils as may be deemed proper, it often being desirable that some of the fragrant oils be used. If the fiber be of cotton, it may be practically untreated, or it may be so cleansed as to be freed from its natural oils, and thereby rendered quite elastic and comparatively free from matting tendencies; but it is always, in accordance with my invention, more or less carded, and put into the form of a continuous sliver. However said fibrous matter may be preliminarily treated, I incase it within a braided seamless jacket, *a*. In Fig. 1 I show a roll of a long continuous length or sliver of batting of uniform dimensions thus jacketed; but in Fig. 2 I show a short length of batting similarly inclosed in sections, the strands of the seamless jacket at *b* constituting a thread or cord link by which said sections are connected. These sections or bats may each be made in any desired length, and they may be more or less widely separated, so that the jacket-links may be in themselves rendered useful as means for better securing the batting in place—as, for instance, when occupying a vertical position in any article wherein vertical lines of batting or stuffing are or may be required; or as an instance of the wide uses to which my improved batting may be applied I will cite ladies' bustles, which, whether the batting be of cotton or wool, (but preferably the latter, as coarse and crisp as may be,) can readily be formed of one or more of the sections, Fig. 2, the consolidated ends of the jackets serving as cords or bands for readily applying them for service. The open-work seamless jackets are composed of loosely-braided strands of spun cotton or other suitable fiber, because such braided fabrics are

freely extensible when desired, thus reducing the diameter of the batting and condensing its fiber.

I am aware that machinery-wiping waste composed of "card-waste," "sweepings," &c., has heretofore been inclosed in hand-bags of loosely-woven fabric for retaining the mass of short waste together while used for such wiping purposes, and I am also aware that such waste has been felted or matted into sheets, and quilted or otherwise secured between two loosely-woven fabrics, to afford a consolidated flat mass from which portions could be cut from time to time for wiping machinery after the manner of ordinary "wiping-waste;" but no cotton waste is suited for my purposes except it be not only capable of being carded,

but is in fact carded so as to form a continuous sliver, and fiber in that condition inclosed in a seamless braided jacket constitutes batting in a form which is novel and possessed of great practical value.

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

As a new article of manufacture, fibrous bats or batting composed of a continuous sliver of carded fiber inclosed within a seamless loosely-braided jacket, substantially as described.

DARIUS GOFF.

Witnesses:

W. W. BLODGETT,  
WILLIAM COOKE.