

(No Model.)

R. D. GREENLEES.

HAT.

No. 294,379

Patented Mar. 4, 1884.

Fig. 1.

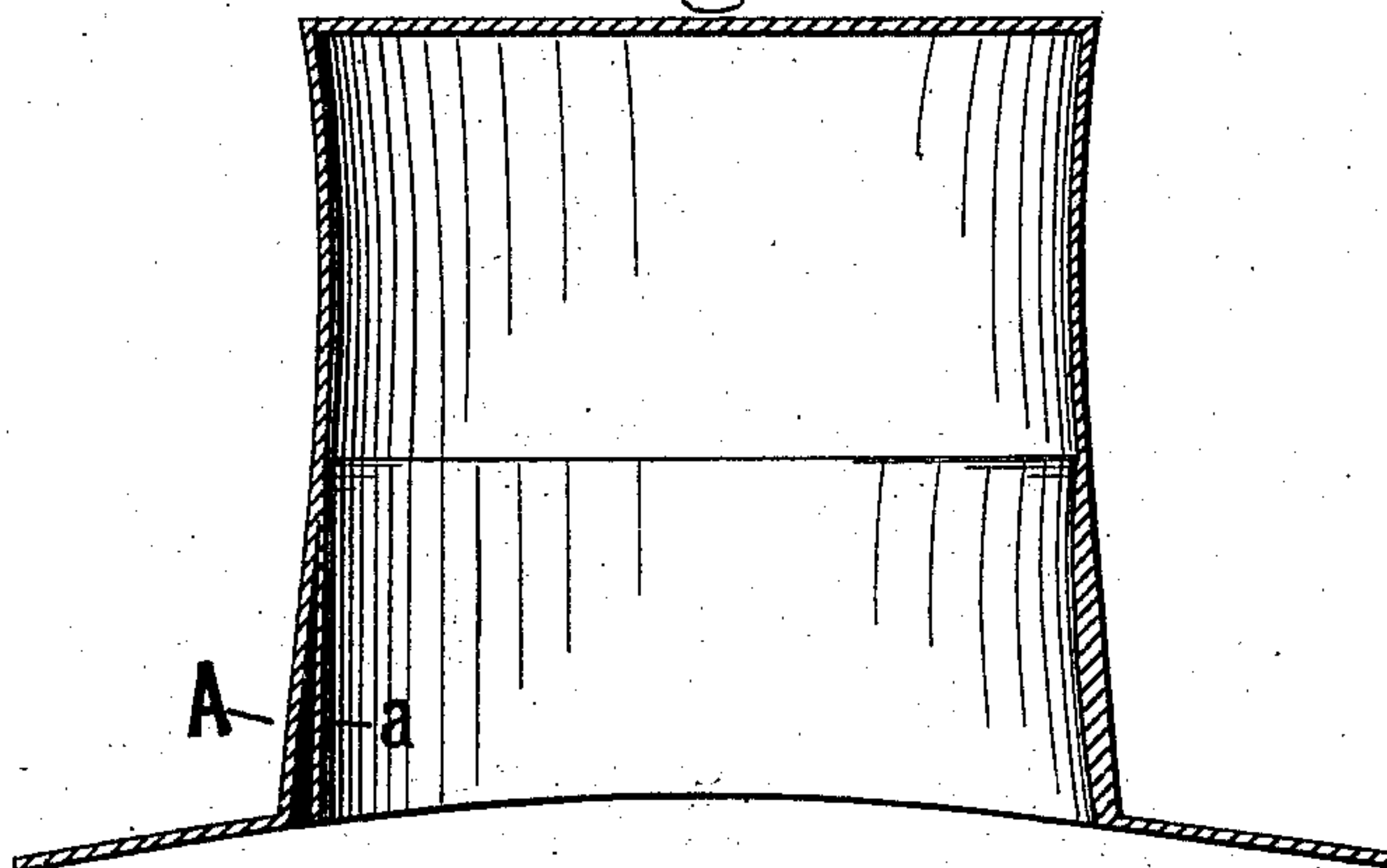
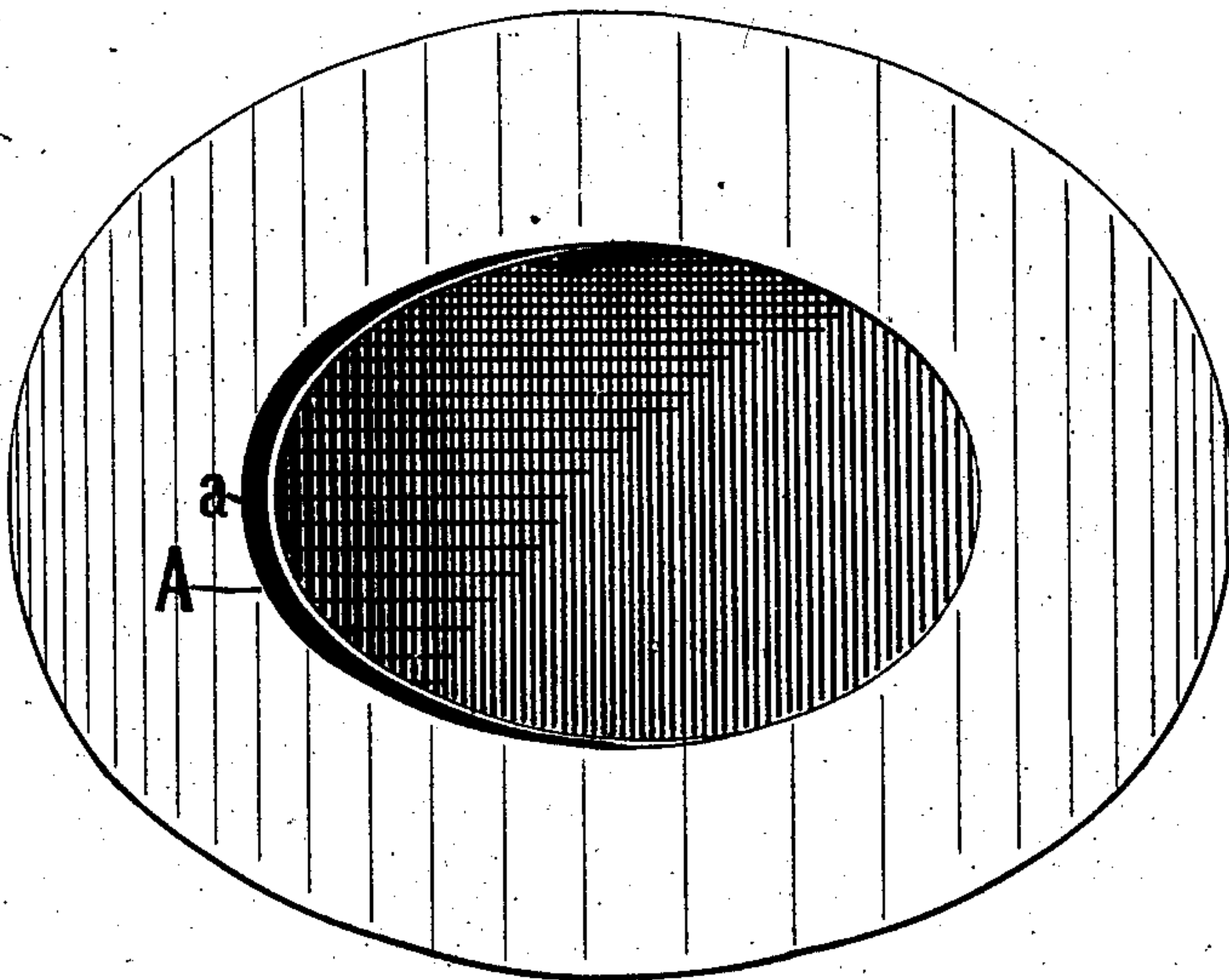


Fig. 2.



WITNESSES:

T. S. West.

Wm. T. Emerson.

INVENTOR:

R. D. GREENLEES,

BY

H. W. Beadle & Co.

ATTYS.

UNITED STATES PATENT OFFICE.

ROBERT D. GREENLEES, OF WATERTOWN, NEW YORK.

HAT.

SPECIFICATION forming part of Letters Patent No. 294,379, dated March 4, 1884.

Application filed July 16, 1883. (No model.)

To all whom it may concern:

Be it known that I, ROBERT DAVID GREENLEES, of Watertown, county of Jefferson, and State of New York, have invented new and
5 useful Improvements in Hats; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

10 This invention has for its object the production of a silk-hat, or any other stiff hat which shall be adapted to fit the head comfortably without the necessity of first shaping the same thereto; and it consists in the combination,
15 with the main body portion of the hat having the usual rigidity and stiffness, of an auxiliary body portion having a capacity to yield at any point, the auxiliary portion extending about the front side of the hat, as will be fully de-
20 scribed hereinafter.

In the drawings, Figure 1 represents a central vertical sectional view of my improved hat, and Fig. 2 a plan view of the entire hat reversed.

25 To enable others skilled in the art to make my improved hat, I will proceed to describe fully the construction of the same.

A represents the main body portion of the hat, having the usual rigidity and stiffness;
30 and *a*, an auxiliary body portion extending about the front side of the hat—that is, fully half-way around, which has a capacity to yield readily at any point. The auxiliary body portion merges into the body portion at each end,
35 and also at the inner surface, the same being about two inches deep measuring from inner edge of brim. The manner of making the same is substantially as follows: The calico, with the shellac or other proper material employed, is
40 wound or otherwise fixed upon the block until a sufficient thickness is obtained at the proper point for the auxiliary portion. A form of wood or metal corresponding in shape with the space which is to be left between the aux-

iliary portion and the main portion is then 45 affixed to the block, and the calico is again wound or otherwise fixed until the hat is completed, in the manner well understood. After the body has been completed the form of wood or metal is removed. From this it will be un- 50 derstood that the material usually employed to make the hat may be so wound as to make a single structure, and yet be separated at one point to form the main and auxiliary portions before referred to. 55

The hat, it will be observed, does not differ from ordinary hats at the rear side of the same, but at the front side has the auxiliary portion, which is yielding or flexible, so as to change position. By means of this construction the 60 hat is adapted to conform itself to any ordinary head without shaping, its rigid side bearing on the back of the head, where material irregularities do not so much occur, and its yielding front side adapting itself without diffi- 65 culty to the special outline of the head of the wearer. By means of this auxiliary portion the necessity for shaping the main body portion is entirely avoided, and hence the latter is never twisted out of shape. 70

If desired, the auxiliary body portion may be perforated for the purpose of ventilation.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is— 75

The hat described, consisting of a single structure separated at one point to form the main body portion A, having the usual rigidity and stiffness, and the auxiliary body portion *a*, having a yielding capacity at any point, 80 as described.

This specification signed and witnessed this 3d day of July, 1883.

ROBT. D. GREENLEES.

Witnesses:

JOHN W. HOGAN,
WM. H. MOULD.