

E. W. SERRELL, Jr.
Felt Hat.

No. 231,854.

Patented Aug. 31, 1880.

Fig. 1.

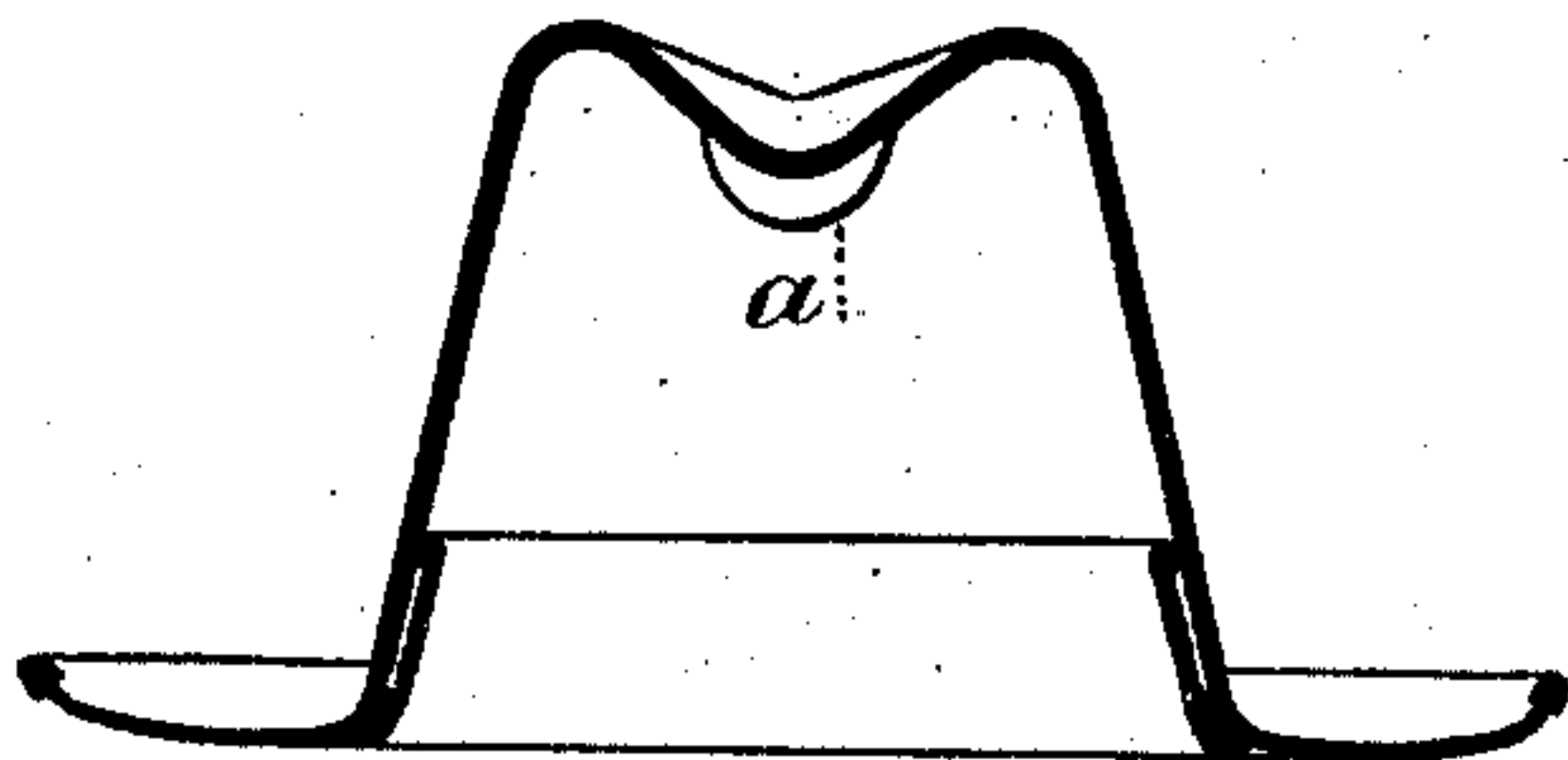
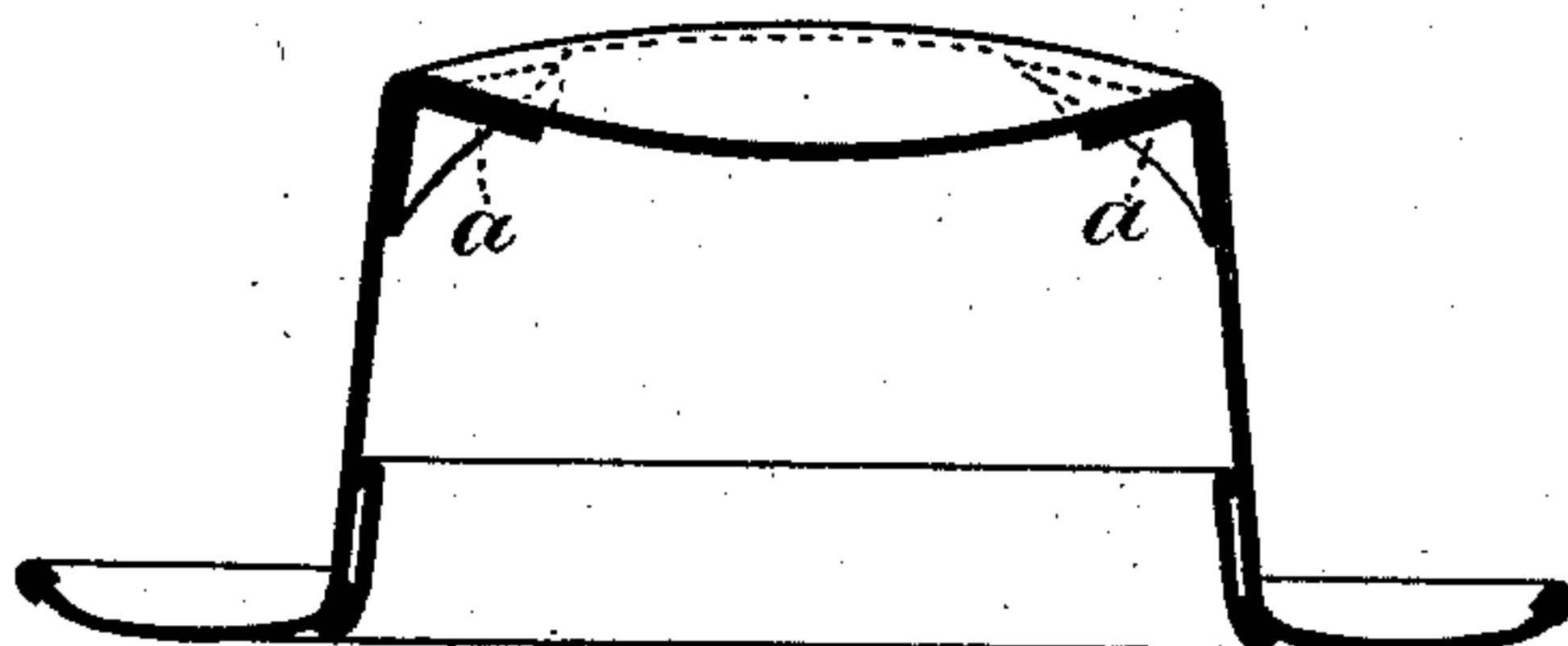


Fig. 2.



Inventor
Edward W. Serrell Jr.

Witnesses

Chas H. Smith
Geo. D. Pinckney

per Lemuel W. Serrell

att'y

UNITED STATES PATENT OFFICE.

EDWARD W. SERRELL, JR., OF CASTLETON, NEW YORK.

FELT HAT.

SPECIFICATION forming part of Letters Patent No. 231,854, dated August 31, 1880.

Application filed January 23, 1880.

To all whom it may concern:

Be it known that I, EDWARD W. SERRELL, Jr., of Castleton, in the county of Richmond and State of New York, have invented an Improvement in Felt Hats, of which the following is a specification.

Soft felt hats are usually worn with the central part of the crown depressed or folded inwardly on the top, and this produces a sharp angle between the bottom of the depression and the side crown, at the front and back of the hat. This angular fold is continually being unfolded as the hat is handled or brushed, and again made when the hat is to be placed on the head. The felt material becomes stretched and rapidly wears or breaks out at the places where this fold occurs, and it often occurs that there are holes at these portions of the hat while the remainder of the hat is in good preservation. The foregoing statement applies to any quality of felt hat, but, of course, the poorer qualities break the quickest.

The object of the present invention is to strengthen or re-enforce the hat at the places that are the most exposed to injury, as aforesaid, so as to render the hat more durable and add but little to its cost.

The felt hat is made in any usual manner, and it may be entirely completed before my improvement is applied; or the said improvement may be added during the progress of the manufacture.

I apply to the inside of the hat, at the parts exposed to injury, as aforesaid, a coating of elastic cement, such as india-rubber, and I em-

ploy a re-enforcing or strengthening lining to such portion of the hat, the same being of thin kid or of woven material, such as silk, or of felted material, and the same is caused to adhere firmly to the interior of the hat by the elastic cement. It is preferable to coat the surface of the re-enforcing material and press the two cemented surfaces together.

In the drawings I have represented, in Figure 1, a section of the hat transversely, and in Fig. 2 a section longitudinally.

In these the re-enforcing material is represented at *a*, the same being applied in the manner aforesaid, and serving to strengthen and render more durable the said hat at the place exposed to wear.

The re-enforcing lining may be of greater or less size than shown, so as to strengthen the parts that are especially exposed to injury.

I am aware that re-enforcing or strengthening pieces have been sewed into garments, and also made use of on various occasions.

I claim as my invention—

As a new article of manufacture, a felt hat having a re-enforcing or strengthening piece secured to the interior surface by elastic cement at the place or places exposed to injury from folding, substantially as set forth.

Signed by me this 16th day of January, A. D. 1879.

EDW. W. SERRELL, JR.

Witnesses:

GEO. T. PINCKNEY,
WILLIAM G. MOTT.