

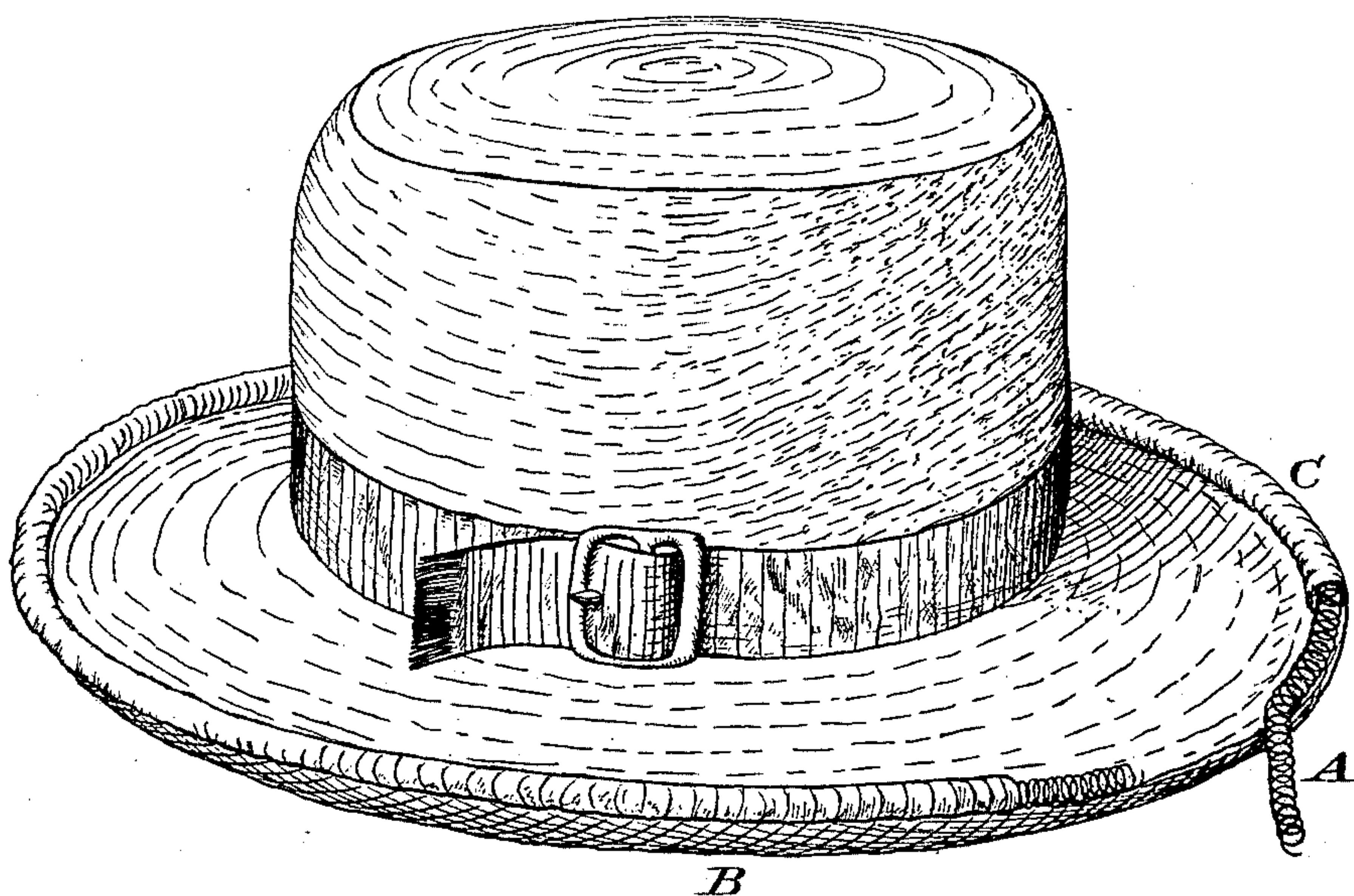
(No Model.)

J. RING.  
Hat Brim.

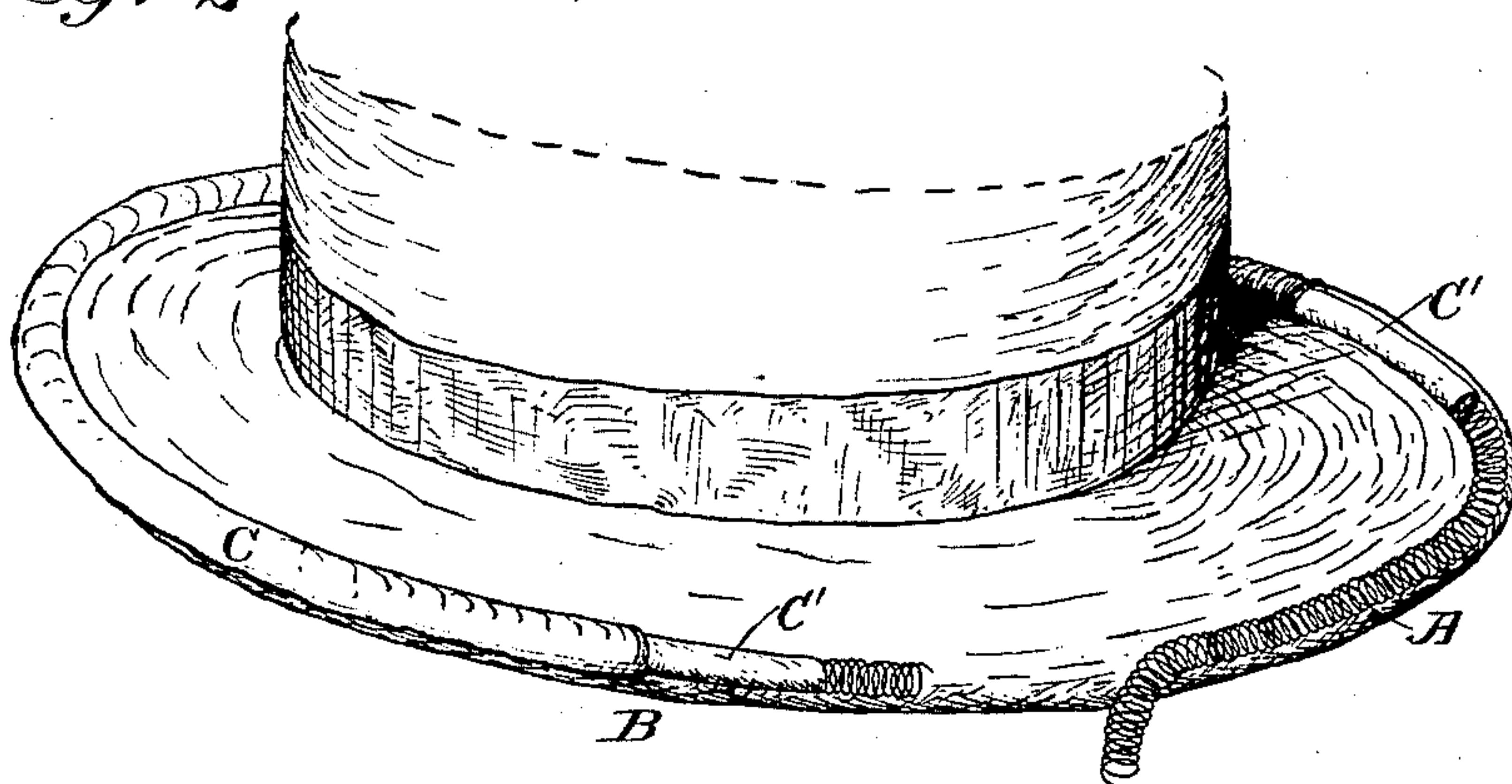
No. 232,066.

Patented Sept. 7, 1880.

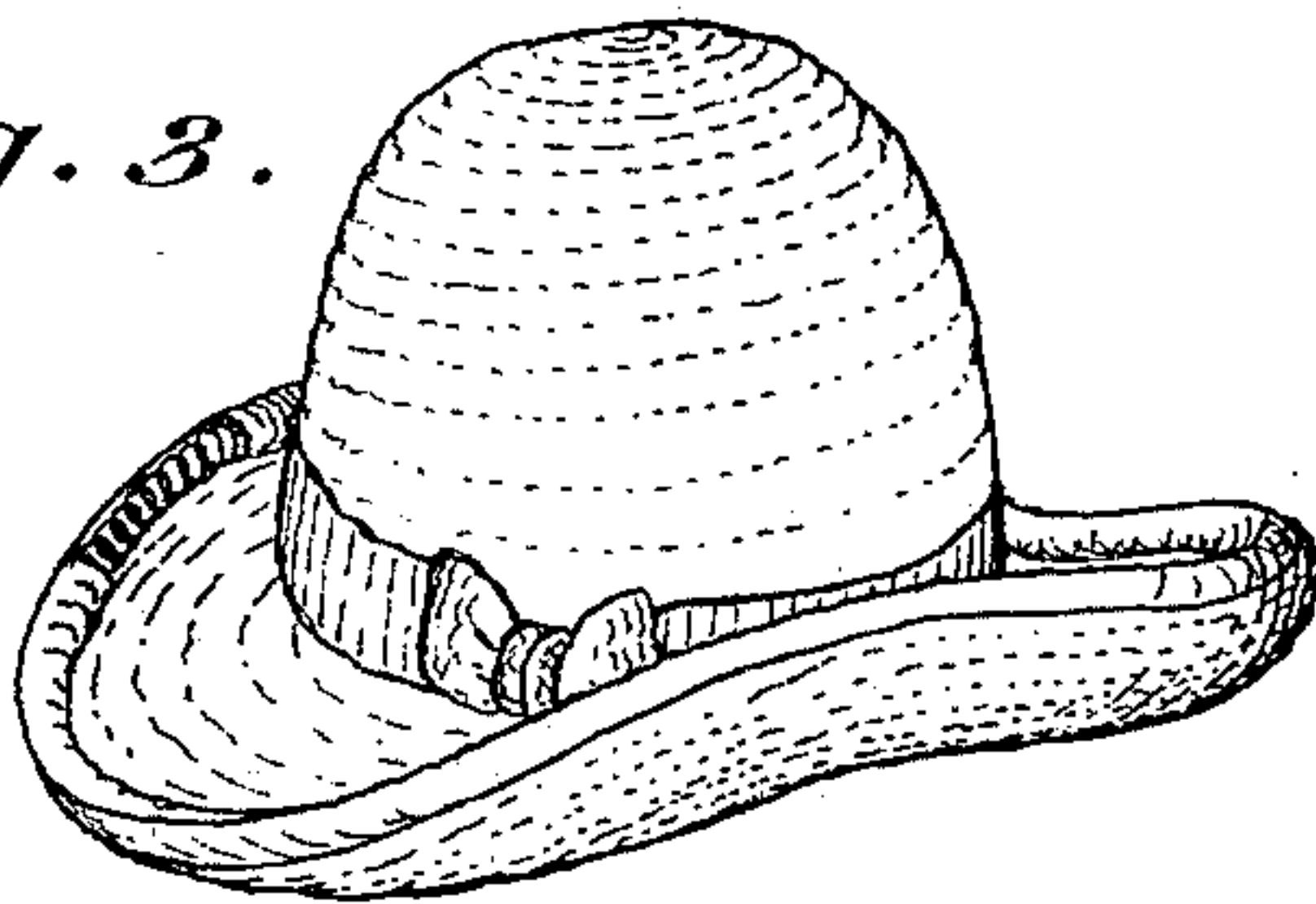
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Attest  
P. Knight  
Herbert Knight

Inventor  
Jacob Ring  
By Knight Bros  
Attys

# UNITED STATES PATENT OFFICE.

JACOB RING, OF CINCINNATI, OHIO, ASSIGNOR TO WILLIAM H. H. BROWN,  
OF BOSTON, MASSACHUSETTS.

## HAT-BRIM.

SPECIFICATION forming part of Letters Patent No. 232,066, dated September 7, 1880.

Application filed May 18, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB RING, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Hats, of which the following is a specification.

My invention relates to a construction of hat or bonnet whose brim is rendered capable of yielding readily to any disturbance of its original shape, and of instantly and completely resuming its shape when liberated by a piece of spiral spring-wire, (preferably covered,) which is secured in the substance or the hemmed or bound brim margin, in the manner hereinafter described.

In the accompanying drawings, Figure 1 represents a hat embodying that form of my invention in which the wire is inserted in the brim margin in the uncovered condition, a portion of one end of the wire being detached and portions of the inclosing sheath or hem being omitted. Fig. 2 similarly represents that form of my invention in which the spiral spring-wire is incased in a sheath or wrapper before insertion in the brim. Fig. 3 represents a flange-brim hat provided with my improvement.

A represents a piece of steel, brass, or other metallic spring-wire to which a spiral form has been given. Such spiral spring-wire, hav-

ing been tacked to the brim B at or near its margin, is retained in place and at the same time hidden from view and protected from injury by a hem, C, either of the same material as that of the brim itself or of any different material. My preferred mode is to cover the spiral spring (before stitching it within the hem of the hat) with a protecting-sheath, C', of paper, water-proof or otherwise, or oil-silk, or celluloid, or rubber tubing, or any other suitable material. The said inclosing-sheath is very beneficial in protecting the material of the hat from wear and rust, and completely obscuring the spring without detracting from its resilient qualities. The desired soft feeling and flexibility of the margin of the brim are thus preserved and its durability greatly enhanced.

I claim as a new article of manufacture—

A flexible hat or bonnet to whose margin is secured a spiral wire spring, A, protected by a concealing sheath or hem, substantially as set forth.

In testimony of which invention I hereunto set my hand.

JACOB RING.

Attest:

GEO. H. KNIGHT,  
JOHN HECKLE.