

**983,320.**

FIG. 1

FIG. 2

FIG. 3

WITNESSES:

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INSPECTION DEVICE FOR WEARING-APPAREL.

983,320.

Specification of Letters Patent.

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*To all whom it may concern:*

Be it known that I, JACOB A. SNYDER, a citizen of the United States of America, and resident of Cincinnati, county of Hamilton, State of Ohio, have invented certain new and useful Improvements in Inspection Devices for Wearing-Apparel, of which the following is a specification.

The inspection of wearing apparel before it is shipped from the factory has been tedious and inaccurate, some factories having depended upon employees inspecting the garments by spreading them over their hands, and still other factories depending upon the employees stretching the garment over a wooden form to detect imperfections. These processes are slow and at times imperfections are accidentally overlooked, which afterward cause complaints from merchants.

It is the object of my invention to provide a ready means whereby such imperfections in the manufactured goods are shown up in so conspicuous a manner as not to escape the attention even of a careless employee. This object is obtained by the means described in the specification and illustrated in the drawings, in which,

Figure 1 is a side elevation of an inspection device embodying my invention. Fig. 2 is a sectional view taken upon line  $x-x$  of Fig. 1, looking upward. Fig. 3 is a similar view taken upon line  $x-x$  of Fig. 1, looking downward.

In the drawings, I have illustrated my invention as applying to a device for inspecting hosiery. It consists briefly of a rotary frame work, over which a stocking may be drawn, and an incandescent light located within the frame work, so that an employee may rotate the form work, to cause every part of the garment to be presented between his eye and the source of light.

Referring to the parts in detail:—Upon a hollow axle A a wheel is mounted between a collar B and a stationary base D. The collar and the base have set screws  $b$  and  $d$ , by loosening which the axle may be adjusted longitudinally. The wheel consists of a hub E, a disk  $e$  secured to the hub, and ring  $e'$

secured to the disk. The frame or form work consists of vertical rods G secured at their lower ends to the ring  $e'$  and bent inward at their upper ends and secured to a disk  $g$ . Midway between the disk  $g$  and the ring  $e'$ , the rods G pass through a ring  $g'$ . The frame work may be braced by means of rods  $g^2$  secured between the rings  $e'$  and  $g'$ . At the upper end of the axle is mounted an incandescent light H, to which current is supplied by wires  $h$   $h'$ , which pass upward through the axle A. The globe  $h^2$  of the light is preferably frosted, so as to cause a more even distribution of the rays from the light.

In use:—After the switch has been turned on to render the electric light incandescent, the garment to be inspected is drawn down over the form work. This is a simple operation that may be effected very rapidly. Then the attendant rotates the form work, so as to bring each part of the garment between his eye and the electric light. If there be any holes or other defects in the garment, this is quickly detected, because of the large amount of rays of light which a hole passes to the eye of the attendant. This process of rotating the form work, so as to bring each part of the garment under inspection, likewise is one which may be quickly and satisfactorily performed. The operation of removing the garment from the form work is likewise one which is performed in a minimum amount of time.

What I claim is:—

1. In an inspection device for wearing apparel, the combination of a rotatory transparent form work adapted to support a garment, and a source of light located within the form work.

2. In an inspection device for wearing apparel, the combination of an axle, a form work adapted to support a garment and mounted rotatably upon the axle, and an incandescent light secured upon the axle within the form work.

3. In an inspection device for wearing apparel, the combination of an axle, a form work adapted to support a garment mounted rotatably upon the axle and adapted to be

adjusted longitudinally of the axle, and an incandescent light mounted upon the axle within the form work.

4. In an inspection device for wearing apparel, the combination of an axle, a wheel  
5 mounted rotatably thereon, a frame work consisting of bent rods secured to the wheel,

and an incandescent light secured to the axle within the frame work.

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Witnesses:

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