

W.H. Towers

Pin.

N<sup>o</sup> 36313.

Patented Aug. 20. 1862

Fig. 1.

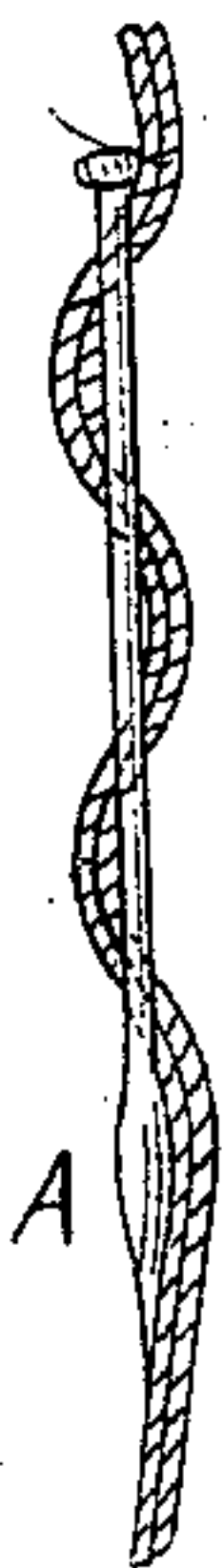
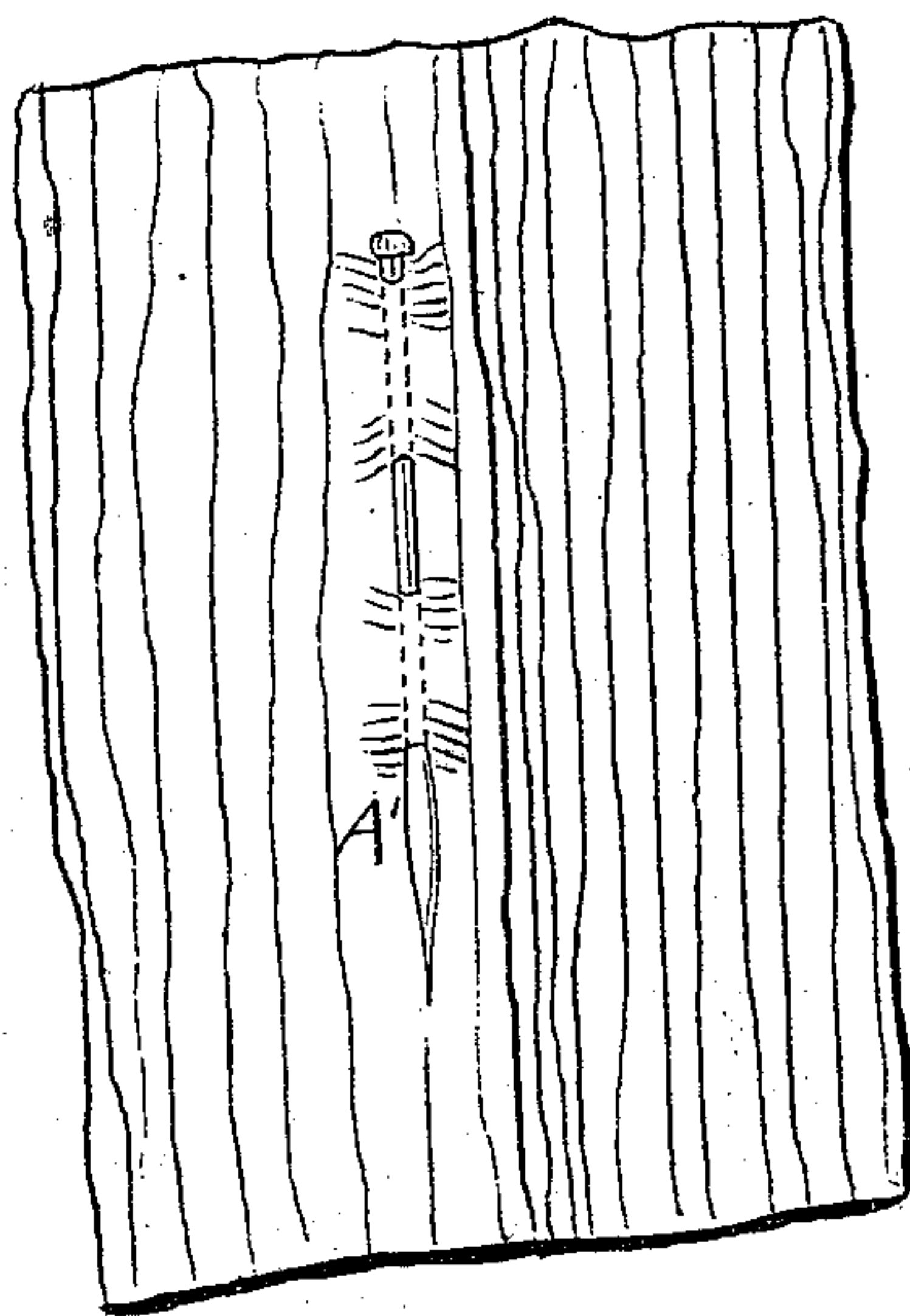


Fig. 2.



Witnesses.

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# UNITED STATES PATENT OFFICE.

WILLIAM H. TOWERS, OF NEW YORK, N. Y.

## IMPROVEMENT IN PINS.

Specification forming part of Letters Patent No. **36,313**, dated August 26, 1862.

### *To all whom it may concern:*

Be it known that I, WILLIAM H. TOWERS, of the city, county, and State of New York, have invented a new and useful Improvement in Pins; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification.

Figure 1 is a view of the improved pin inserted through two thicknesses of cloth to secure the same together. Fig. 2 is another view of the same as it appears in front of the cloth.

Similar letters in the figures refer to corresponding parts.

This invention relates to the ordinary pins employed for securing clothing, &c.; and it consists in enlarging the same near their points in such a manner as to prevent them from detaching themselves from the clothing or other object, as the ordinarily-formed pin is likely to do.

The enlargement A is of an oval bulb form, (or the pin may be flattened to form an oval enlargement,) and is situated but a short distance from the point, its forward tapering por-

tion being such as to correspond with the taper of the point of the pin A', so as to admit of its easy penetration into and passage through the clothing or other object, while its diameter is made sufficiently greater than the diameter of the pin proper to prevent its easy detachment. After the enlarged portion passes through the cloth or other object to fasten the same, as represented in the drawings, the said cloth or other object, from its natural elasticity, closes tightly around the smaller portion of the pin, and thus causes the said enlarged portion to form a stop or barrier to the detachment of the pin until a greater degree of force is applied to withdraw it than is often incidentally applied in ordinary use or wear.

What I claim as new, and desire to secure by Letters Patent, is—

A pin for securing clothing and other objects, made with a slight spherical or oval enlargement near the point, in the manner and for the purpose described.

WM. H. TOWERS.

Witnesses:

WINFIELD S. BARD,  
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