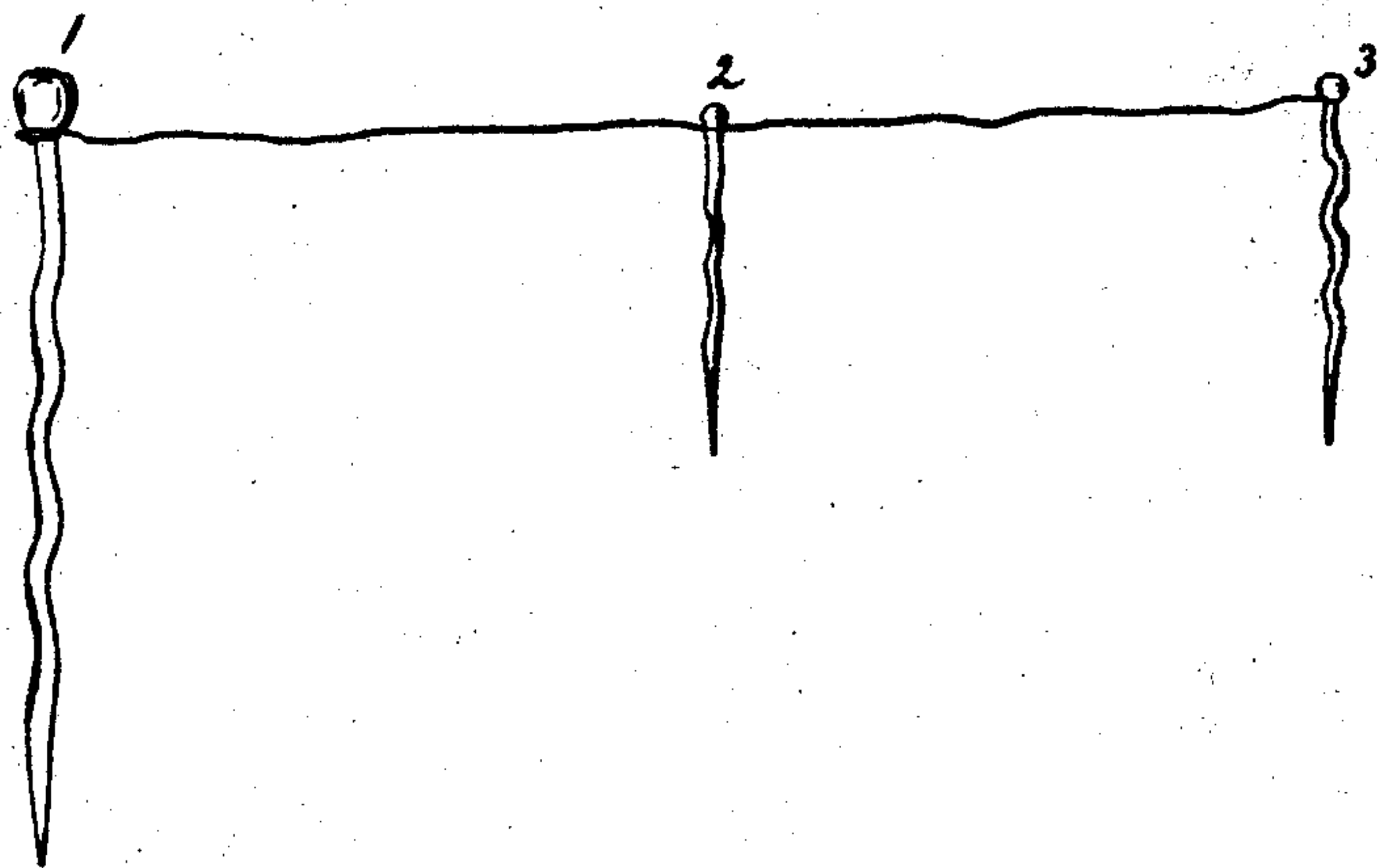


D. R. Pratt.

Pin.

Nº 62361.

Patented Feb. 26. 1867



Witnesses,
N. W. Hilborn
S. J. Wagner

Inventor.
Daniel R. Pratt

United States Patent Office

DANIEL R. PRATT, OF WORCESTER, MASSACHUSETTS.

Letters Patent No. 62,361, dated February 26, 1867.

IMPROVEMENT IN PINS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, DANIEL R. PRATT, of Worcester, in the county of Worcester, and State of Massachusetts, have invented a new and improved Pin for securing wearing apparel; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in making the common wearing apparel pin with a corrugated body, so as to stiffen the wire of the pin and to prevent it from being worked out of any articles secured by them.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my improved pin by corrugating the wire or body of the pin the entire length, or any part thereof, in such a manner as not to weaken or induce the pin to bend while being pushed through any article to be secured, as the contortions are on parallel lines in rising and falling, giving support to each other alternately, thereby strengthening the body of the pin, as shown at fig. 1 and fig. 2 in the drawings herewith presented. The corrugations may be left off near the points and end near the head to prevent their being troublesome in being put through any fabric in which the meshes are closely and stiffly united, but when this is done the straight parts of the body of the pin must be brought to a central line of the corrugations, so that the pin will be guided straight through any fabric or article to be secured by them, and the straight parts will allow the fabric to relieve itself by contracting or expanding of the wrinkled or contorted folds of the fabric on the smooth and straight parts of the pin, and will start much easier when it is desired to remove them from any fabric secured by them. It will be seen that a much shorter pin will hold any article if it is corrugated or contorted into folds on a pin that is corrugated than one where the fabric is merely contorted into folds on a smooth pin. The difference of security of two pins of equal length will be nearly two to one in favor of the corrugated pin; consequently, a great saving in articles lost by the use of smooth pins, while my improvement will prevent the loss of millions of those little agents called pins, useful to the comfort and adornment of mankind.

I am aware that hair-pins of two prongs have been made in spiral form, or otherwise out of a straight line. I am aware, also, that fine pins, bearing ornaments, have been made in spiral form. I claim neither of these. A hair-pin without head or point cannot be used in cloth or other fabrics. A spring, made spiral or with a screw-thread upon it, can be inserted or withdrawn only by means of a definitive rotation.

My pin is, in the first place, the simple and common pin for securing clothing and articles of wearing apparel, and, as an article of manufacture, it cannot conflict with a hair-pin. It is turned from a straight line, not spirally, and so as to require rotation in use, but by regular corrugations or flexures, so as to hold more tenaciously than a straight pin, and possesses greater strength, and is secure from falling out; and yet it is susceptible of being removed without violence to the fabric.

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

A common pin for clothing or wearing apparel turned from a straight line by corrugations or flexures, as herein shown and described.

DANIEL R. PRATT.

Witnesses:

JOHN S. HOLLINGSHEAD,

WM. J. FAHERTY.