

J. H. PROUTY & S. S. SPRAGUE.
Burr-Roll for Loom-Temples.

No. 214,447.

Patented April 15, 1879.

Fig. 1.

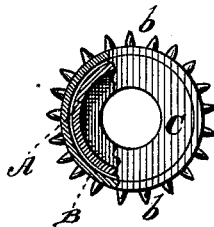


Fig. 2.

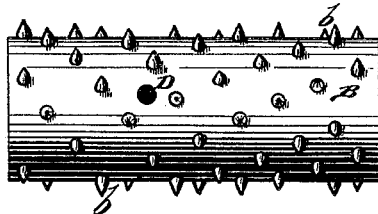
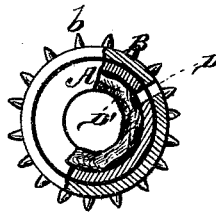


Fig. 3.



WITNESSES
Robert Everett
A. Clay Smith

INVENTORS.
Joel H. Prouty.
Solon S. Sprague.
By *Gibbons, Smith & Co.* ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOEL H. PROUTY AND SOLON S. SPRAGUE, OF WORCESTER, MASS.

IMPROVEMENT IN BURR-ROLLS FOR LOOM-TEMPLES.

Specification forming part of Letters Patent No. **214,447**, dated April 15, 1879; application filed January 4, 1879.

To all whom it may concern:

Be it known that we, JOEL H. PROUTY and SOLON S. SPRAGUE, of Worcester, in the county of Worcester and State of Massachusetts, have invented a new and valuable Improvement in Burr-Rolls for Loom-Temples; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of an end view of our burr-roll for loom-templates, partly in section. Fig. 2 is a view, in side elevation, of the same; and Fig. 3 is an end view, partly in section.

Our invention relates to a burr-roll for loom-templates; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth.

In carrying out our invention we employ an internal and an external cylinder, of tin or other proper suitable metal, said cylinders being arranged at a proper distance apart, the outer cylinder being perforated to receive points arranged in spiral series around said cylinder, and soldered therein, as shown.

We employ the two cylinders and heads, and place between the inner cylinder and the shaft around which the burr revolves, a capillaceous substance, and have a lubricating-orifice leading through both cylinders, as shown.

By this construction we avoid the spattering of the oil on the goods; and the capillaceous substance holds the lubricant, and necessitates applying the same but seldom.

Referring to the drawings, A represents the inner cylinder; B, the outer cylinder; *b*, the teeth or points, and C the heads. D represents the lubricating-aperture through both cylinders, and communicating with the capillaceous material D' within the body of the burr.

From the foregoing description the construction and operation of our device must be obvious.

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

A burr-roll for loom-templates, consisting of the outer cylinder, B, and the inner cylinder, A, provided with the lubricating-aperture D and heads C, and having the capillaceous material D' in the space formed between the inner cylinder and the shaft on which the burr revolves, as and for the purpose set forth.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

JOEL HARVEY PROUTY.
SOLON SMITH SPRAGUE.

Witnesses:

U. T. BLAKE,
JOHN A. MCGOFFEY.