

S. S. GRANT.
Bracelets.

No.155,941.

Patented Oct. 13, 1874.



FIG. 1.

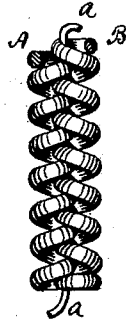


FIG. 3.

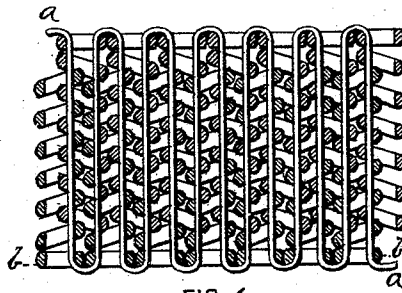


FIG. 4.



FIG. 2.



FIG. 5.

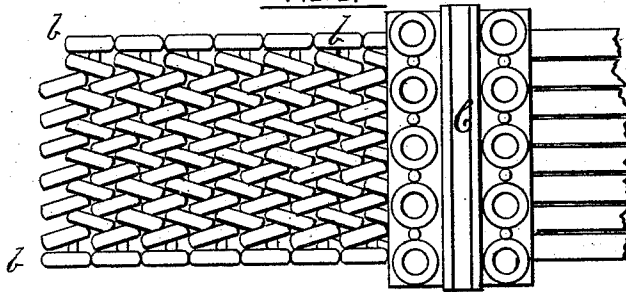


FIG. 6.

WITNESSES.

John Blinnell
Albert O. Baker

INVENTOR

Steford S. Grant

UNITED STATES PATENT OFFICE.

SANFORD S. GRANT, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO
ALBERT O. BAKER, OF SAME PLACE.

IMPROVEMENT IN BRACELETS.

Specification forming part of Letters Patent No. **155,941**, dated October 13, 1874; application filed July 29, 1874.

To all whom it may concern:

Be it known that I, SANFORD S. GRANT, of the city and county of Providence and State of Rhode Island, have invented a new and useful Improvement in Chain Fabrics for Bracelets, Ornamental Chains, &c.; and I do hereby declare that the following specification, taken in connection with the drawings making a part of the same, is a full, clear, and exact description thereof.

In my invention I make use of a series of links, which, instead of being single beads strung on wires, are alternately right and left hand spirally-twisted wires arranged so that their convolutions shall interlock, and held together by means of a binding wire or wires woven through the interlocked convolutions.

In the drawing, A and B, Figures 1 and 2, represent, respectively, the right and left hand spirally-twisted wires which constitute the links of the chain; and at Fig. 3 the same links are shown interlocked and held together by means of a wire, *a*. The length of each link A and B is equal to the width of the chain to be made, and the several links are arranged in transverse lines of alternately right and left hand spirals, as shown in section at Fig. 4. The links are to be secured together so as to make a metallic fabric suitable for a flat chain or bracelet by means of any of the arrangements of binding-wire *a* now

used in the manufacture of chains made from beads.

In making up the fabric into a fob-chain or bracelet it is necessary that the terminal convolutions *b b*, Fig. 6, should be bent down upon their next adjoining convolution, so that the edges of the chain will not be ragged, but be in straight lines and parallel with each other. This bending of the ends of the links out of parallelism with the pitch-line of the spiral gives to the fabric of the chain the appearance of having a selvage edge, which heightens its effect as an article of ornament.

The finished bracelet or fob-chain is to have its ends protected by suitable tips or mountings C, secured to and covering the ends of the fabric in the way well understood among manufacturing jewelers.

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

A chain fabric composed of links made up of alternate right and left hand spirally-twisted wires A and B, interlocked and held together by suitable binding-wires *a*, such links being arranged transversely and having their terminal convolutions *b* flattened, substantially as described.

SANFORD S. GRANT.

Witnesses:

JOHN B. GRINNELL,
ALBERT O. BAKER.