

S. M. & J. C. LEWIS.
Stringing Beads.

No. 213,215

Patented Mar. 11, 1879.

Fig. 1.

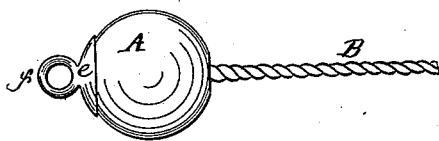
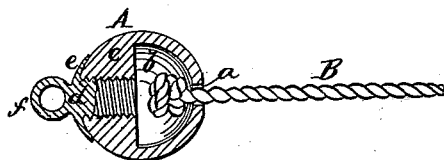


Fig. 2.



WITNESSES:

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IMPROVEMENT IN STRINGING BEADS.

Specification forming part of Letters Patent No. **213,215**, dated March 11, 1879; application filed December 14, 1878.

To all whom it may concern:

Be it known that we, SILVANUS M. LEWIS and JOHN C. LEWIS, of Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Stringing Beads, of which the following is a specification:

The object of this invention is to provide a durable attachment for the end beads of the string; and it consists in making the end beads with a cavity to receive the knots on the ends of the string, and then confining them in place by a screw-plug.

In the accompanying drawings, Figure 1 represents a bead fastened to the end of the string by our improved device, and Fig. 2 is a section of the same?

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents a bead provided with a hole, *a*, for the string B. In the interior of this bead, on the side adjacent to the hole *a*, is a hemispherical cavity, *b*, and on the opposite side is a solid head, *c*, through which a hole is made and threaded. Into the hole thus made is put a screw-stud, *d*, with a concave circular flange, *e*, and an eye, *f*.

Heretofore the end beads have been attached to the string by cement placed in the

hole around the string; but this was always insecure, and frequently gave way and allowed the beads to come off the string. Now, our arrangement is perfectly secure, and is applied in the following manner: The string B is knotted at the end, and passed through the bead until the knot rests in the cavity *b*, as shown in Fig. 2. Then the screw-stud *d* is screwed into the bead until the flange *e* rests against the same, thus confining the knot in the cavity and making it impossible for it to get out.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. The bead A, provided with the cavity *b*, to hold the knot of string B, in combination with screw-stud *d*, screwed into the bead to confine the knot therein, substantially as described.

2. The combination of the screw-stud *d*, with concave circular flange *e* and eye *f*, bead A, with cavity *b*, and knotted string B, substantially as described.

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Witnesses:

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