

S. DAVIDSON.
ORNAMENTAL CHAIN.

No. 181,417.

Patented Aug. 22, 1876.

Fig. 1.

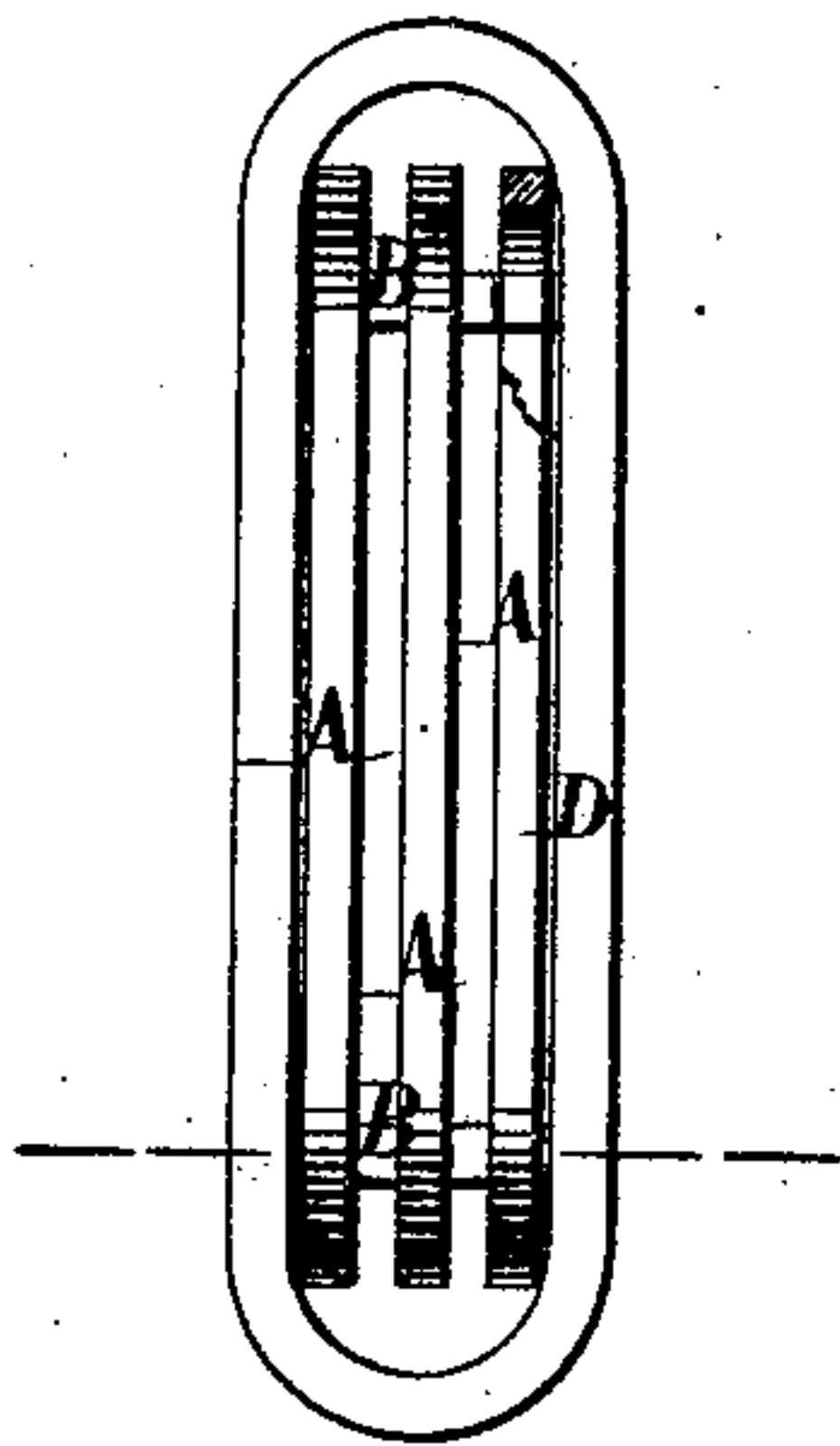
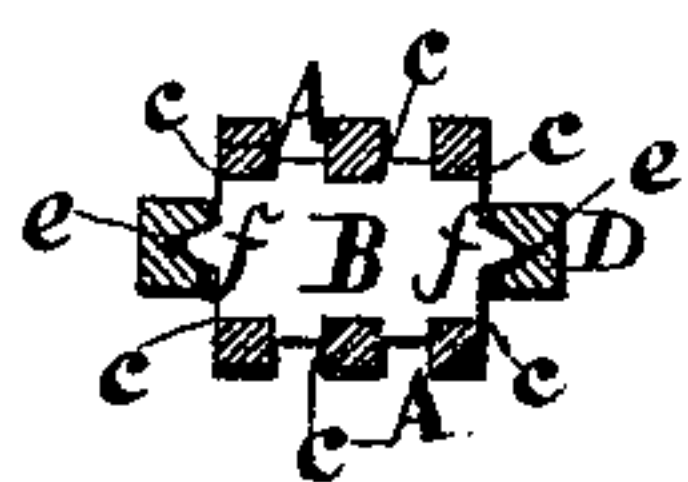


Fig. 2.



Witnesses.
Otto Schupeland.
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UNITED STATES PATENT OFFICE.

SOLOMON DAVIDSON, OF NEW YORK, N. Y.

IMPROVEMENT IN ORNAMENTAL CHAINS.

Specification forming part of Letters Patent No. **181,417**, dated August 22, 1876; application filed June 5, 1876.

To all whom it may concern:

Be it known that I, SOLOMON DAVIDSON, of the city, county, and State of New York, have invented a new and useful Improvement in Chain-Links, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a side view of my improvement. Fig. 2 is a cross-section thereof.

Similar letters indicate corresponding parts.

My improvement is especially adapted to links for ornamental chains; and it consists in one or more filling-rings, combined with two cross-heads, which have notches to receive the filling-rings, and with a binding-ring, which engages with the cross-heads in such a manner as to connect the several parts firmly together, as hereinafter more fully set forth.

In the drawing, the letter A designates the filling-rings of my link, three of which I have, in this example, used; and B B are the two cross-heads, which are provided on their opposite sides with notches *c*, as seen in Fig. 2. These notches *c* are so made that they are adapted to receive the inner edges of the filling-rings A in them, and to hold the rings parallel to each other when they are inserted in the notches.

The letter D designates the binding-ring, which, as well as the filling-rings A, is made of an oblong shape; and the inner edge of the binding-ring D is made to engage with the ends of the cross-heads B B, so that the said cross-heads, together with the filling-rings A, are firmly held within it.

The mode of engaging the binding-ring D with the cross-heads B B consists in providing the binding-ring with a groove, *e*, along its inner edge, and in forming a tenon, *f*, at the respective ends of the cross-heads, which tenon is fitted and inserted in the groove *e*; but it is obvious that the binding-ring can be fastened in various other ways, and, moreover, the groove and tenon *e f* may be transposed.

It may be remarked that the filling-rings A can be made alike, or different from each other, either in form or color.

If desired, a single cross-head, B, may be used, of sufficient length to retain the various parts in position; and the cross-head or cross-heads may be so constructed that one or more binding-rings may be applied.

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

The combination, in a chain-link, of one or more filling-rings, A, two cross-heads, B B, having notches for the reception of the said filling ring or rings, and a binding-ring, D, which engages with the said cross-heads, the whole constructed and connected together substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 26th day of May, 1876.

SOLOMON DAVIDSON. [L. S.]

Witnesses:

W. HAUFF,
ROBT. E. MILLER.