

G. L. White.

Weaving Temple.

N<sup>o</sup> 57,646.

Patented Aug. 28, 1866.

Fig. 1.

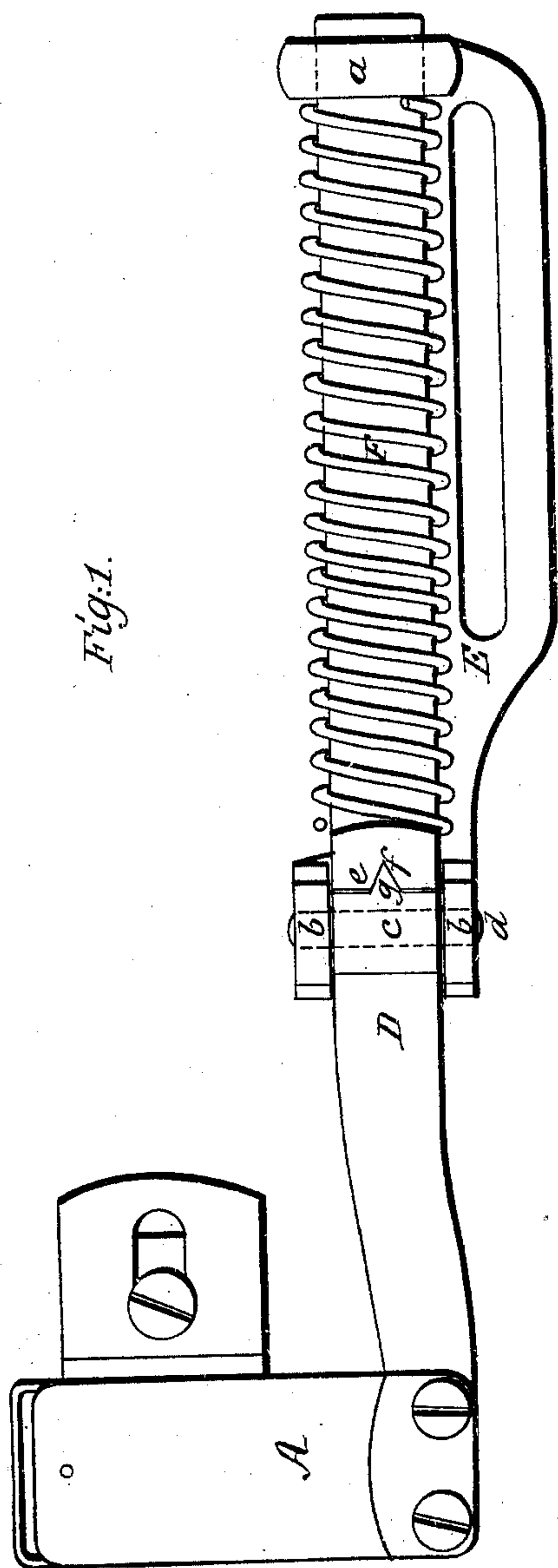
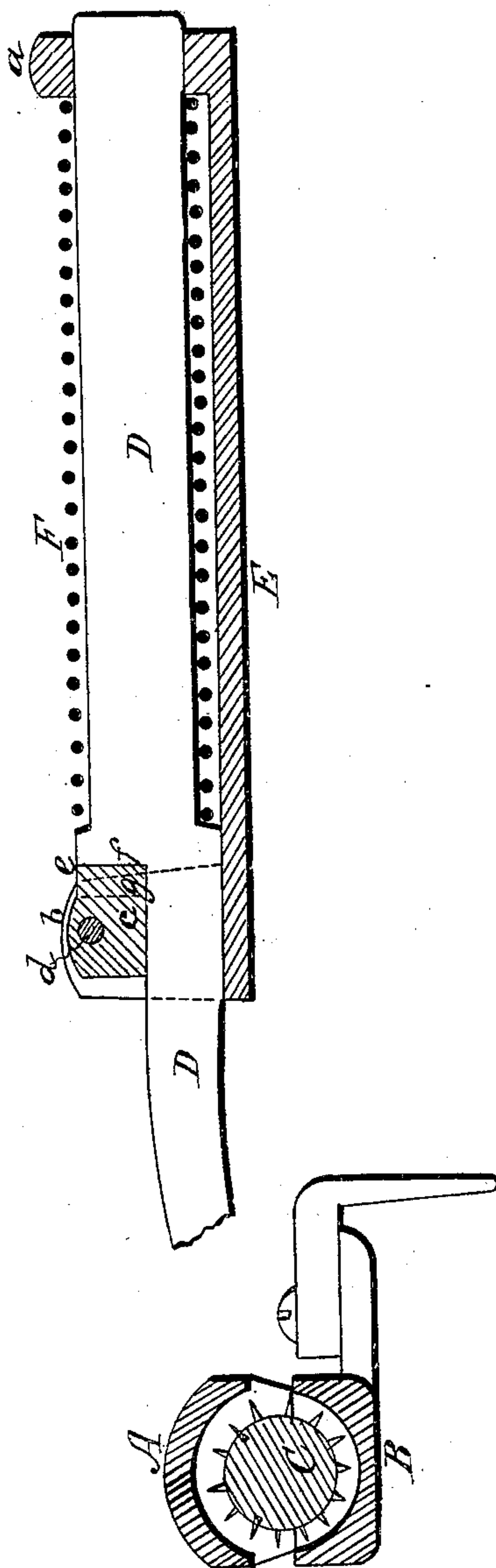


Fig. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN TEMPLES FOR LOOMS.

Specification forming part of Letters Patent No. **57,646**, dated August 28, 1866.

*To all whom it may concern:*

Be it known that I, GEORGE L. WHITE, of Cumberland, in the county of Providence and State of Rhode Island, have made a new and useful Improvement in Temples for Looms; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 a longitudinal section, of a temple provided with my invention.

In the said drawings a roller-temple is shown, A being its cap, B its trough, C its toothed wheel, and D its arm or carrier. This carrier is supported by a frame, E, which, when in use, is fastened to the loom. The carrier is so affixed to the frame as to be capable of sliding longitudinally therein or through a standard, *a*, and between two standards, *b b*, arranged and making part of such frame, as represented.

A cross-piece, *c*, extending over and on the arm D and from one to the other of the two standards *b b*, and held to them by a pin, *d*, going through it and them, serves as an abutment for the head or shoulder *e* of the arm D to bring up against when the said arm is forced forward by its spring F.

Owing to the peculiar manner in which the

cloth while being woven draws on a temple of the above-mentioned kind, the arm D is liable to soon become so much worn as to cause the temple to work unsteadily and not assume its proper position at the termination of each of its forward movements.

To insure the correct position of the temple at such termination is the purpose of my invention, and I accomplish the same, not only by a wedge-shaped or triangular tooth, *g*, extended from the cross-piece *c* in the manner as shown in the drawings, but by an angular notch, *f*, formed to receive and fit the tooth, and arranged in the shoulder-piece *e*.

During each advance of the arm D the notch and tooth, by their co-operation, will adjust the temple to and hold it firmly in its proper position at the termination of its forward movement.

What I claim as my invention is—

The combination of the tooth *g* and the notch *f*, or their mechanical equivalent or equivalents, with the temple, its arm D, spring F, and frame E, the said tooth and notch being for the purpose hereinbefore explained.

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Witnesses:

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