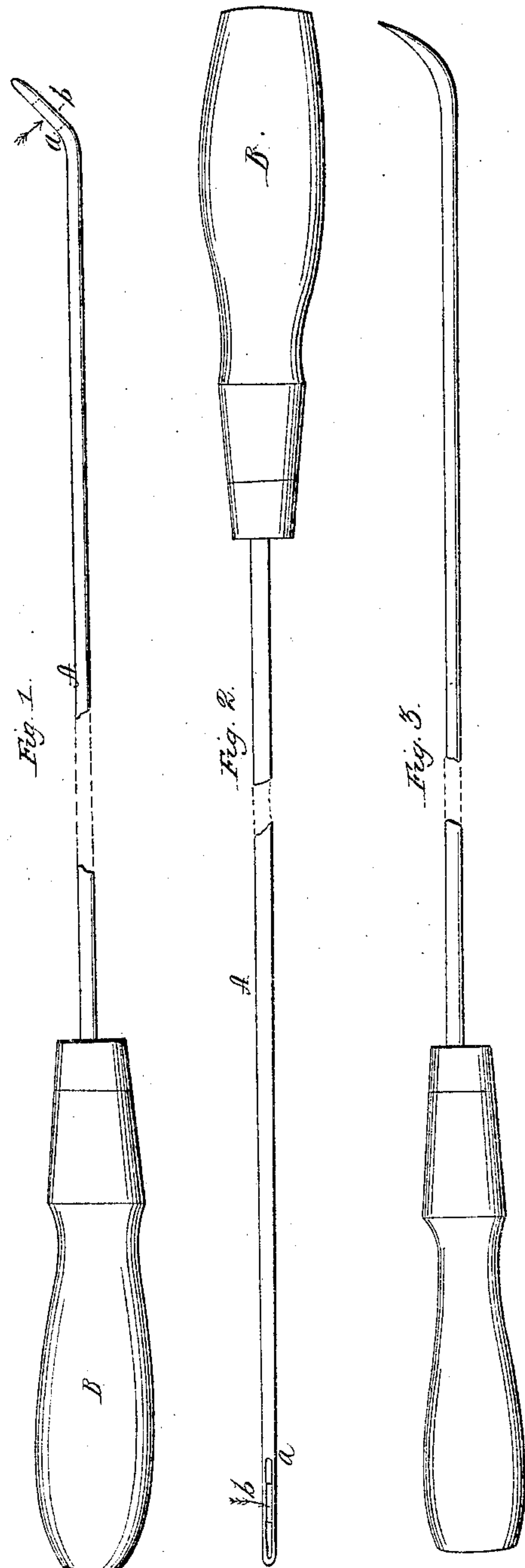


M. E. Hurley,
Tool for Caning Chairs,
N^o 56,421,
Patented July 17, 1866.



Witnesses:
Theodore Lang

J. Franklin Lang & P

Inventor:
M^{rs} Mary E. Hurley
by her Attorney
S. S. Fehnestock

UNITED STATES PATENT OFFICE.

MARY E. HURLEY, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN NEEDLES FOR CANING CHAIRS.

Specification forming part of Letters Patent No. 56,421, dated July 17, 1866.

To all whom it may concern:

Be it known that I, MARY E. HURLEY, of the city and county of Baltimore, in the State of Maryland, have invented a new and Improved Needle for Caning Chairs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification.

The nature of my invention consists in having an eye in the front or bent end of the needle, through which to insert the strip of cane used for making the seats of chairs or for other similar purposes, the object being to greatly facilitate and cheapen the labor of such work.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction.

In the drawings, Figure 1 represents a side view of my needle; Fig. 2, a side or perspective view of the same, showing the eye in the bent forward part. Fig. 3 shows the old or commonly-used needle. This latter is merely used as an opener and guide, the cane being inserted and guided in making the meshes by the hand and fingers. This is tedious and laborious.

In using my needle, by means of its eye, and inserting the cane through it beforehand, while pushing (or pulling) it through the partly-

woven seat, (as you would the old needle) you are at the same time carrying the cane with it, completing the operation, as it were, at once, and all weaving of the cane by the fingers is thus dispensed with, time and expense saved, requiring little if any more labor than that of inserting the old bent-pointed needle without the eye, which is not even half the old process.

It is not absolutely necessary that the front end of the needle should be bent.

The eye of my tool (instrument or needle) is indicated in Figs. 1 and 2 by a red arrow.

In the drawings, A represents the tool or needle, B its handle, *a* the front end of tool, and *b* the eye through the same in which the cane is inserted, the arrow and *b* indicating the same opening.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

A needle, A, for caning chairs, having an eye, *b*, through the front end, *a*, constructed and operating substantially as shown and described, and for the purpose set forth.

MARY E. HURLEY.

Witnesses:

THOS. HAMMELL,
REUBEN A. McCAULEY.