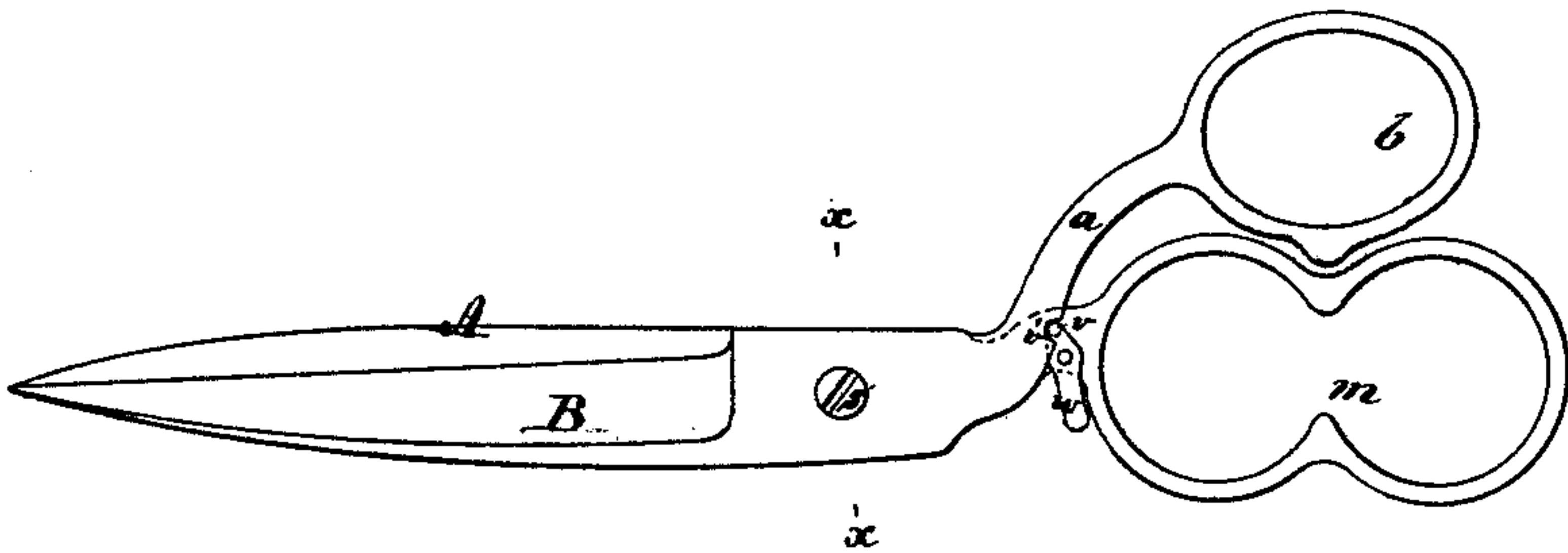


J. DOES.  
SCISSORS.

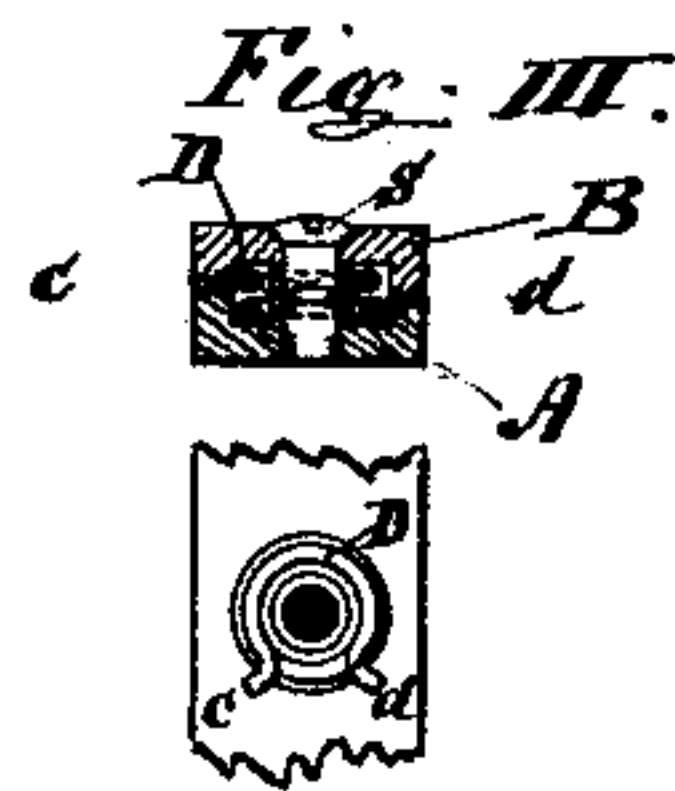
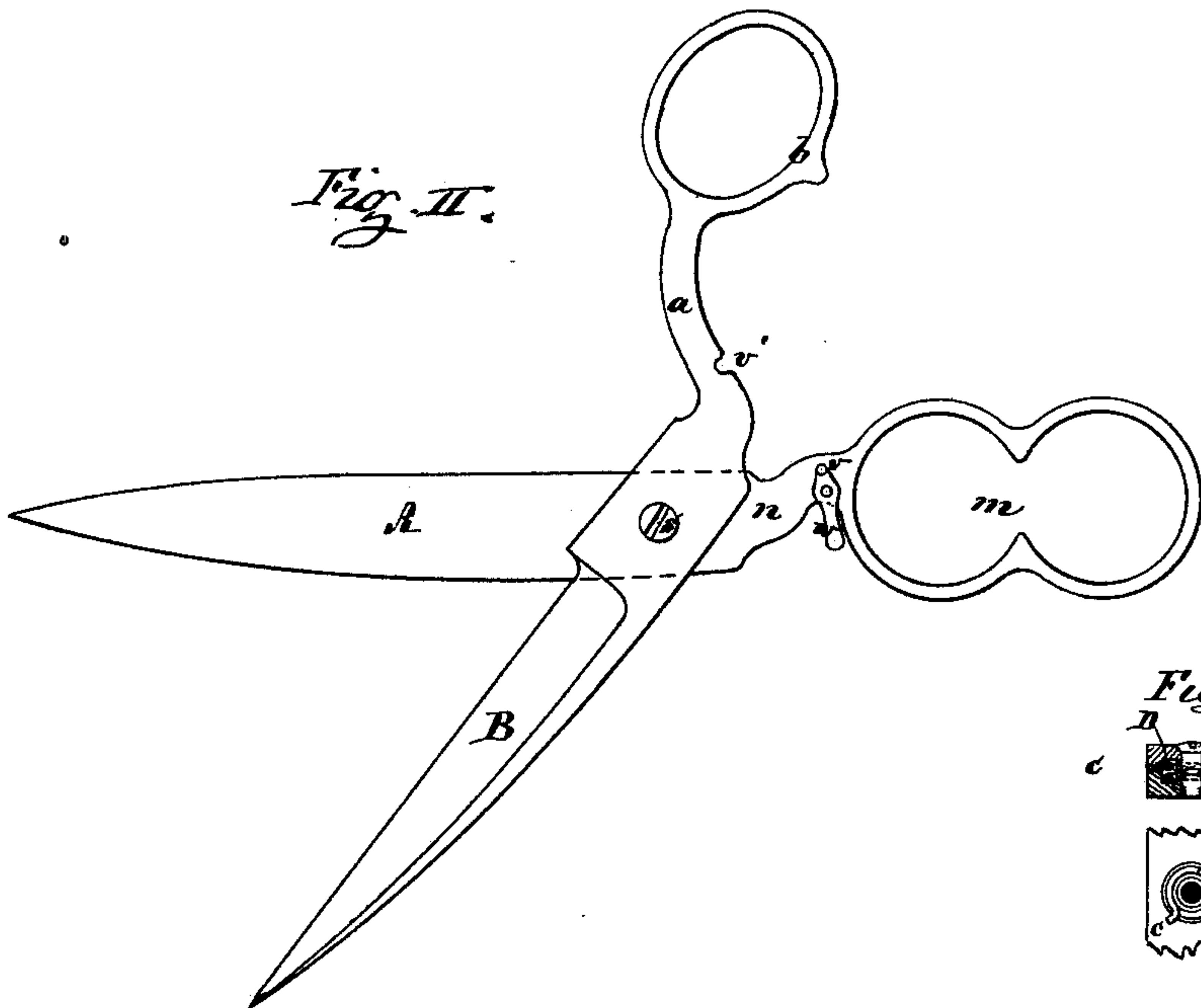
No. 176,519.

Patented April 25, 1876.

*Fig. I*



*Fig. II.*



Witnesses.  
Eugene H. Smith  
Wm. Munch.

Inventor.  
Jokob Does  
per Henry C. Roeder  
attorney;

# UNITED STATES PATENT OFFICE.

JAKOB DOES, OF ELIZABETH, NEW JERSEY.

## IMPROVEMENT IN SCISSORS.

Specification forming part of Letters Patent No. **176,519**, dated April 25, 1876; application filed February 1, 1876.

*To all whom it may concern:*

Be it known that I, JAKOB DOES, of Elizabeth, in the State of New Jersey, have invented a new and useful Improvement in Scissors, of which the following is a specification:

My invention consists in the arrangement of an annular recess concentric with and outside of the hub of the joint-pin, containing a coiled spring, the ends of which are connected to the blade, one end to one blade and the other end to the other blade, so as to force the blades apart.

Figures I and II are side views of the scissors, showing the same, respectively, shut and open. Fig. III is a cross-section at line *x x* in Fig. I.

A and B are the scissors-blades. The blade A is provided with two rings, *m*, and the upper blade, B, with one ring, *b*, which latter rests, in closed position of the scissors, in the recess formed by the double ring *m* of the lower blade-shank. The blades turn on the pivot-pin *s*, in the usual manner. Around the hub for the pivot *s* an annular recess is made on the inside of the blades, into which a spring, D, is placed, one end, *c*, of which is attached

to the blade A, and its other end, *d*, to the blade B. (See Fig. III.) By this arrangement, by the action of this spring D, the blades will be kept open when the same are not fastened together, and the action of the thumb in the ring *b* produces the cutting operation as with ordinary scissors. To the shank *n* of the blade A a pivoted latch or lever, *w*, is attached, provided with a projecting nose, *v*, which fits into a recess, *v'*, provided in the shank *a* of blade B, for the purpose of closing or locking thereby the blades when not in use.

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

The arrangement of an annular recess at the inner sides of scissors-blades, concentric with their joint-pin *s*, and outside and surrounding the hub of said joint-pin, in combination with a coiled spring, D, situated in said recess, having one end attached to the scissor-blade A and the other end attached to the blade B, to force them apart, substantially as described, and for the purpose set forth.

JAKOB DOES.

Witnesses:

HENRY E. ROEDER,  
WM. MÜNCH.