

No. 683,231.

Patented Sept. 24, 1901.

C. STAMM.  
SCISSORS.

(Application filed July 8, 1901.)

(No Model.)

Fig: 1.

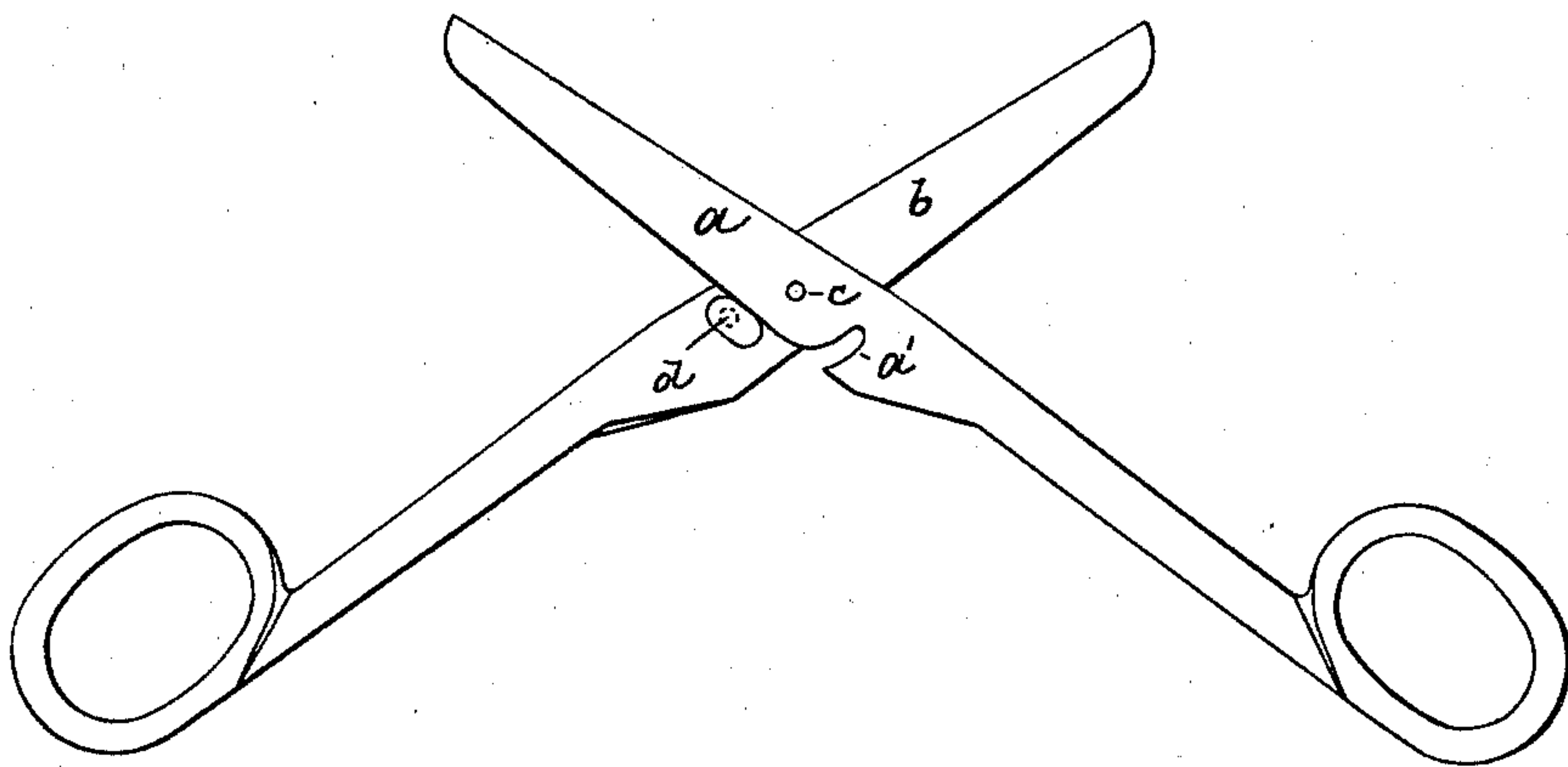


Fig: 2.

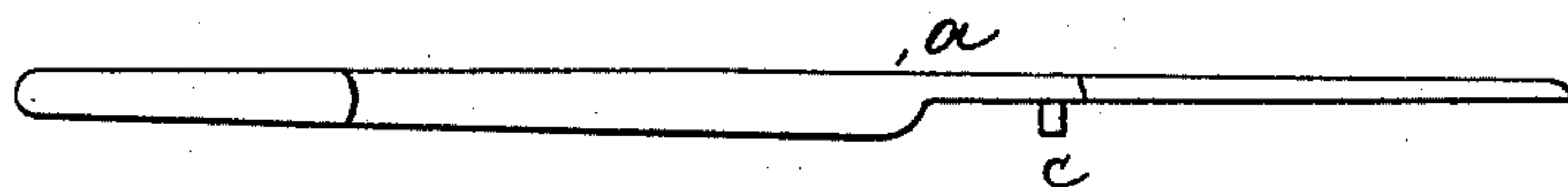


Fig: 3.

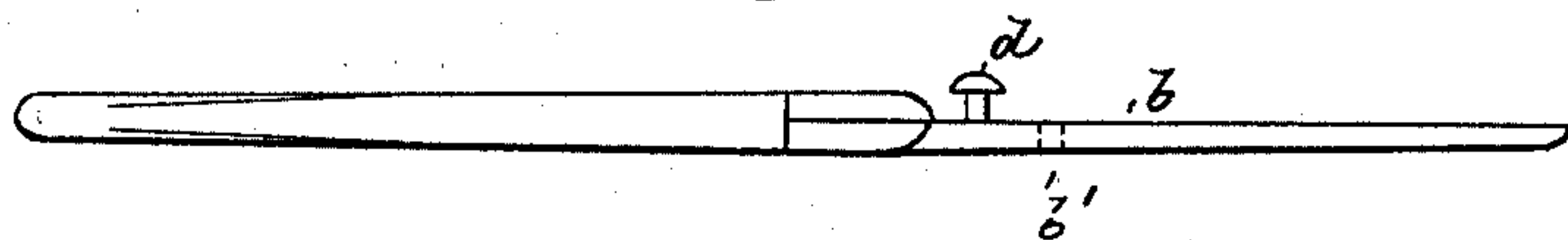
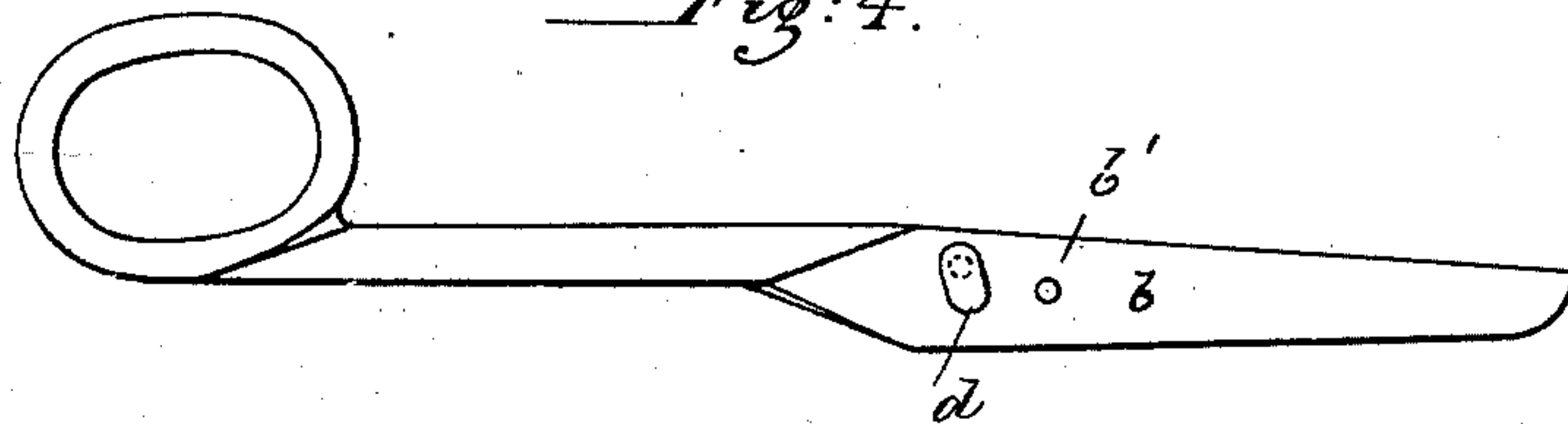


Fig: 4.



Witnesses:

William Schulz.  
Edward Ray.

Inventor:  
Cuno Stamm  
by his attorneys  
Roeder & Bresen

# UNITED STATES PATENT OFFICE.

CUNO STAMM, OF OHLIGS, GERMANY.

## SCISSORS.

**SPECIFICATION** forming part of Letters Patent No. 683,231, dated September 24, 1901.

Application filed July 8, 1901. Serial No. 67,409. (No model.)

*To all whom it may concern:*

Be it known that I, CUNO STAMM, a citizen of Germany, and a resident of Ohligs, Germany, have invented certain new and useful  
5 Improvements in Scissors, of which the following is a specification.

This invention relates to an improvement in scissors, pliers, and similar instruments more particularly adapted for surgical use  
10 and so constructed that the blades may be readily separated for thorough cleaning.

In the accompanying drawings, Figure 1 is a face view of my improved scissors; Fig. 2, an end view of blade *a*; Fig. 3, an end view  
15 of blade *b*, and Fig. 4, a face view of blade *b*.

The blades *a* and *b*, carrying the usual handles, are connected by the pivot *c*, which is rigidly connected to blade *a* and passes loosely through a perforation *b'* of blade *b*.  
20 The blade *b* is provided with a pin *d*, having a head of round, square, or other shape and engaging a slot *a'* of blade *a*, which is concentric to pivot *c*. When the scissors are open, the blade *b* may be readily lifted off

pivot *c*, and be thus separated from blade *a*.  
25 When the scissors are closed, the pin *d* will enter slot *a'*, and thus hold the cutting edges tightly against one another to produce an effective and clean cut.

What I claim is—

1. Scissors or similar instruments composed of two blades, a pivot removably connecting the same, and a pin on one of said blades that enters a slot in the other blade, substantially as specified.  
30

2. Scissors or similar instruments composed of two blades *a*, and *b*, a pivot *c*, connected to blade *a*, and passing loosely through blade *b*, and a pin *d*, connected to blade *b*, and entering a slot in blade *a*, when the blades are  
35 closed, substantially as specified.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

CUNO STAMM.

Witnesses:

JOUST KATZ,

E. Z. BRODOWSKI.