

No. 864,962.

PATENTED SEPT. 3, 1907.

J. FEINENBURG.

SCISSORS.

APPLICATION FILED SEPT. 13, 1906.

Fig.1.

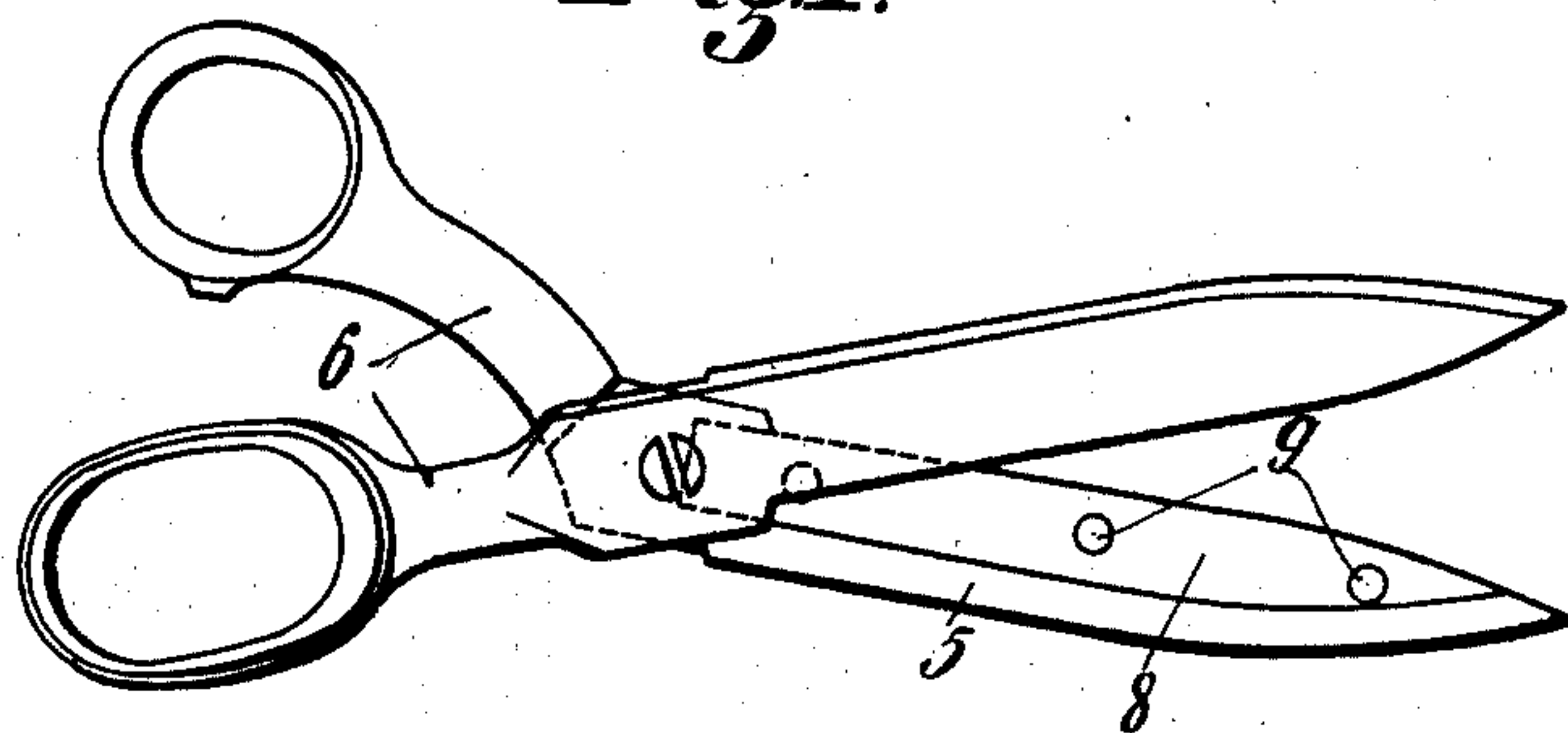


Fig.2.

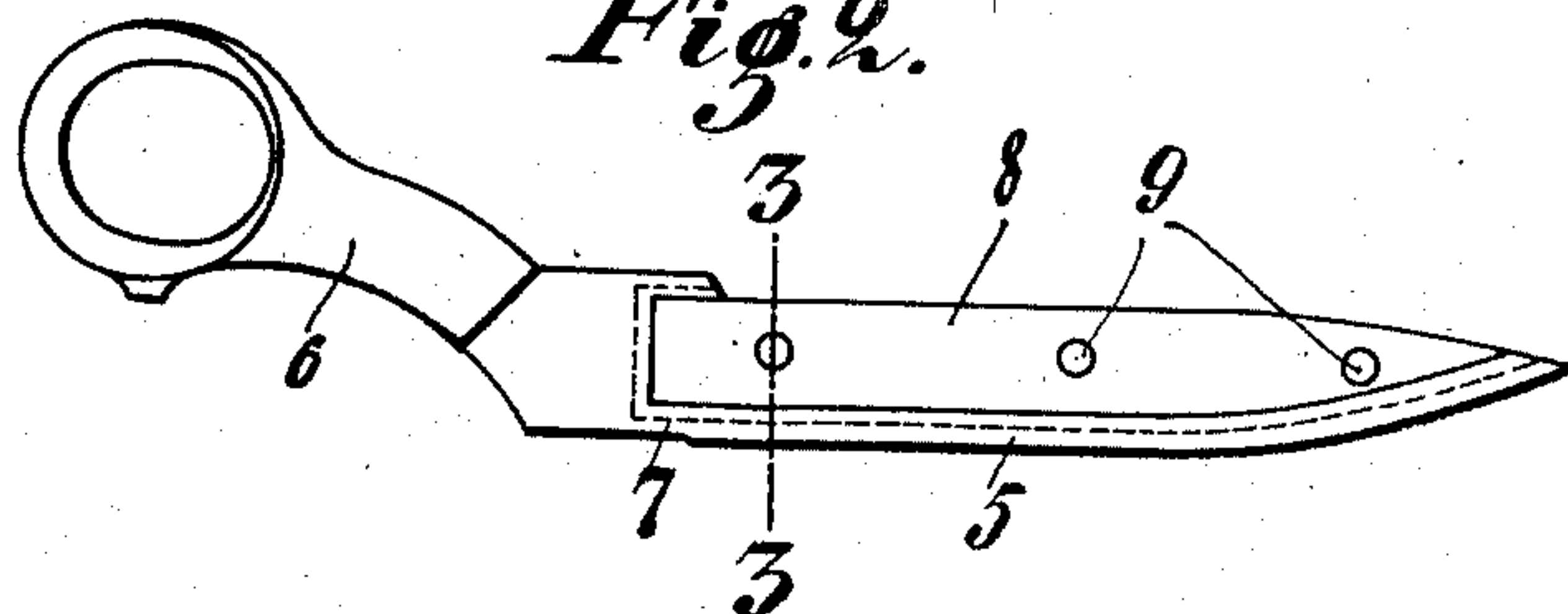
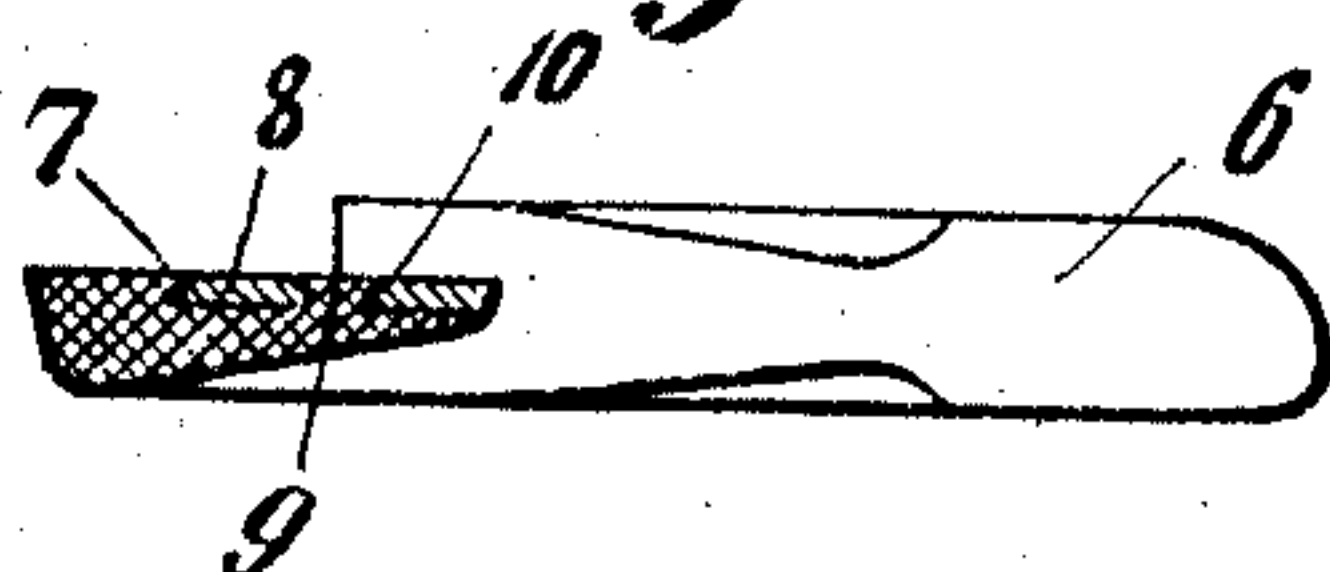


Fig.3.



Witnesses:
William Schulz.
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Inventor:
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by his attorney
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UNITED STATES PATENT OFFICE.

JOHANN FEINENBURG, OF AUF DER HÖHE, NEAR SOLINGEN, GERMANY.

SCISSORS.

No. 864,962.

Specification of Letters Patent.

Patented Sept. 3, 1907.

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To all whom it may concern:

Be it known that I, JOHANN FEINENBURG, a citizen of Germany, residing in the town of Auf der Höhe, near Solingen, Germany, have invented new and useful
5 Improvements in Scissors, of which the following is a specification.

This invention relates to improved scissors, the members of which are made of comparatively soft metal and are provided with steel cutting blades secured to such members in a simple and reliable manner.

In the accompanying drawing: Figure 1 is a plan of a pair of scissors embodying my invention; Fig. 2 a plan of one of the members of said scissors, and Fig. 3 a cross section on line 3—3, Fig. 2.

15 Each member of the scissors or shears is composed of a comparatively soft metal body 5, terminating in the usual handle 6. Body 5 is provided with an undercut recess 7 adapted for the reception of a steel blade 8, the heel and outer edge of which is beveled to correspond
20 to the flare of recess 7. In this way the edge of the recess surrounds the heel of the blade as well as the outer edge thereof, while, the inner cutting edge of the blade remains exposed.

In order to secure the blade to the soft body 5, the
25 latter is provided with integral flaring soft metal pins 9, received by corresponding tapering perforations 10 of

blade 8. These pins increase in diameter towards their free ends, so that they will securely lock the blade 8 to the soft metal body 5.

In assembling the parts, the soft metal body 5 is 30 pressed, in a die, into engagement with the blade 8, so that the soft metal from body 5 is forced into perforations 10 to form the tapering pins 9. At the same time the edge of body 5 is forced against the outer edge and around the heel of the blade 8, to form the undercut 35 edge of recess 7 that overlaps the blade. In this way the parts are securely connected to each other in a reliable and simple manner.

I claim:

1. Scissors provided with soft metal bodies having an undercut recess, and pins, combined with steel blades having perforations that receive the pins, and a beveled edge engaging the undercut recess, substantially as specified. 40

2. Scissors provided with soft metal bodies having an undercut recess, and tapering pins, combined with steel 45 blades having flaring perforations that receive the pins, and a beveled edge engaging the undercut recess, substantially as specified.

Signed by me, at Düsseldorf, Germany this twenty fourth day of August 1906.

JOHANN FEINENBURG.

Witnesses:

ALFRED POHLMAYER,
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