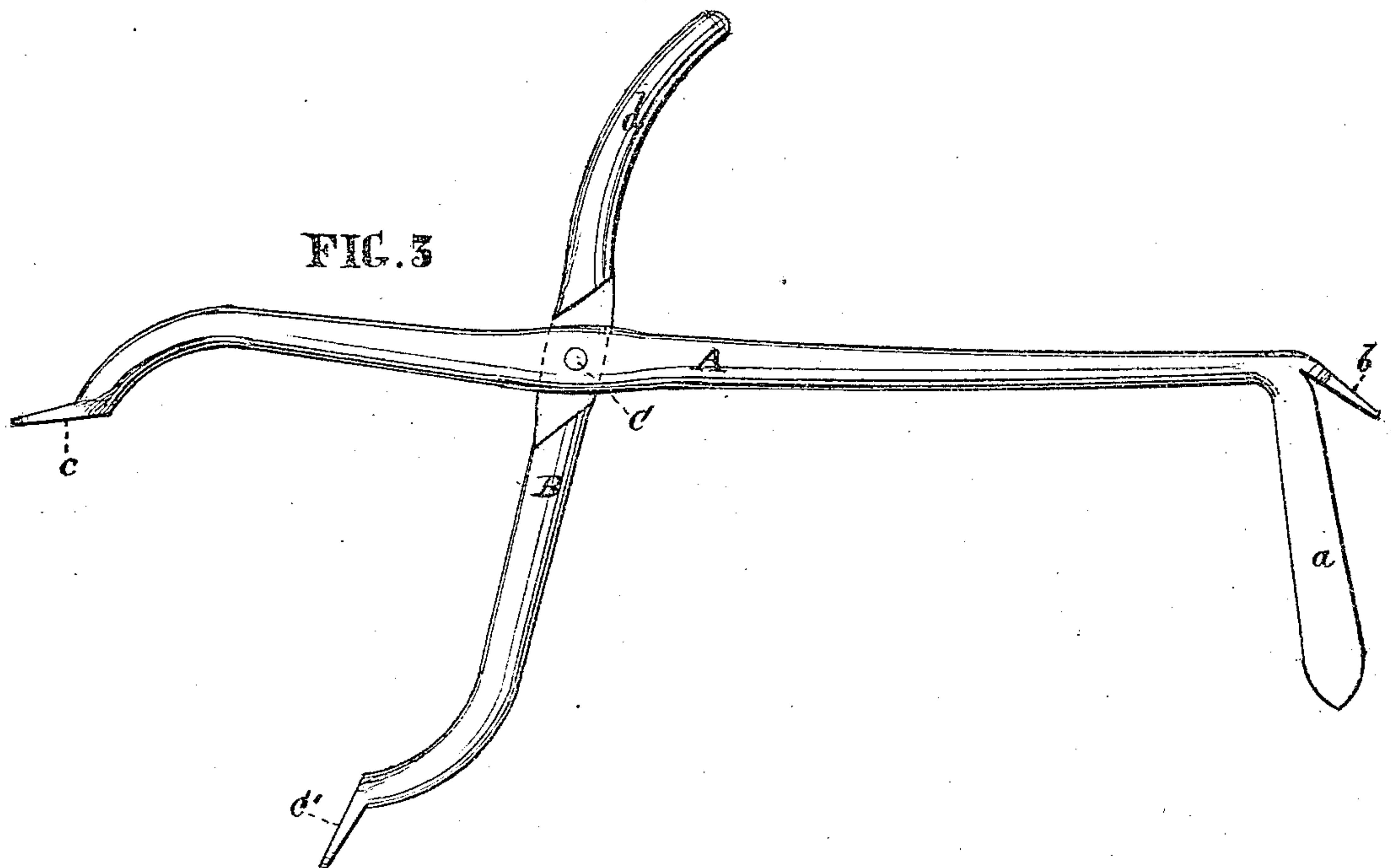
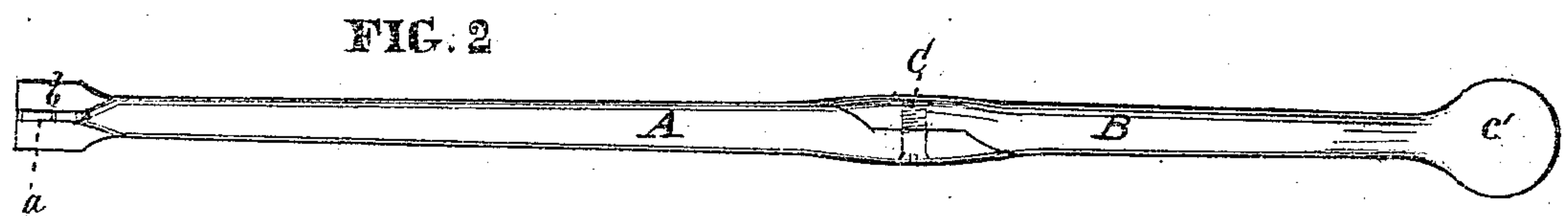
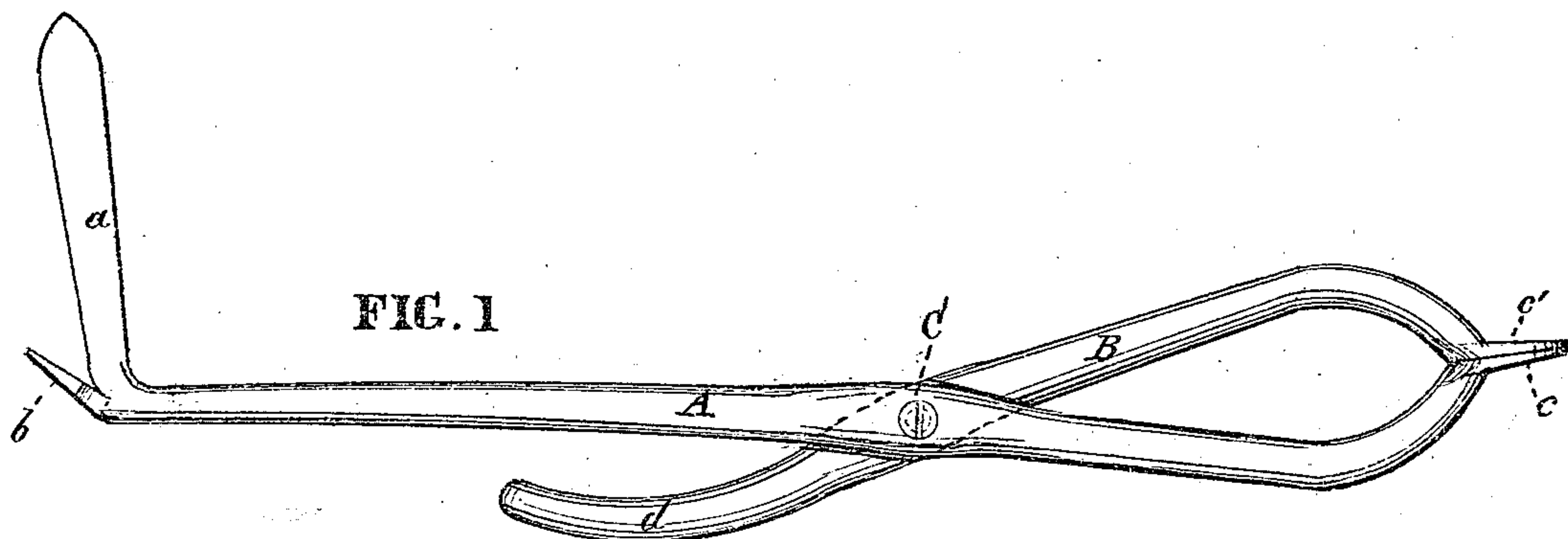


P. LANDER & JOSEPH MANTHORN.  
Combined Poker, Lifter, and Tongs.

No. 123,349.

Patented Feb. 6, 1872.



WITNESSES

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# UNITED STATES PATENT OFFICE.

PETER LANDER AND JOSEPH MANTHORN, OF PHILADELPHIA, PA.

## IMPROVEMENT IN COMBINED POKERS, LIFTERS, AND TONGS.

Specification forming part of Letters Patent No. 123,349, dated February 6, 1872.

Specification describing certain Improvements in Combined Poker, Lifter, and Tongs, invented by PETER LANDER and JOSEPH MANTHORN, of the city of Philadelphia and State of Pennsylvania.

Our invention consists in the construction of the poker and lifter on one end of one of the rods and a tong on the opposite end in such a manner that the tong shall be the lower one of the pair when the poker or lifter is in position for use, and in making the handle-end of the other tong lighter than the tong to cause it to be brought thereto by its own weight, admitting of the operator readily grasping the two tongs to use the poker. When the tongs are to be used, the instrument is reversed to bring the tong having the short handle beneath the other, that it may drop from the same to provide for clasping anything to be lifted without the use of a spring, as hereinafter described, thus giving great simplicity to the combined instrument, while it is completely adapted to the uses for which it is intended.

Figure 1 is a side elevation of the improved instrument in the position for using either the poker or lifter. Fig. 2 is an edge view of the same. Fig. 3 is a reverse side elevation of the instrument in position for using the tongs.

Like letters in all the figures indicate the same parts.

A is a rod, provided with a poker, *a*, and a lifter, *b*, at one end, and at the other end with

a tong-jaw, *c*. B is a rod, connected with the rod A by means of the pivot-screw C or a rivet in the ordinary manner. The handle-end *d* of the rod is lighter than the end provided with the jaw *c'*, so that when the instrument is in the position represented in Fig. 1, in which it is ready to be used for raking the fire or for lifting a lid, the jaw *c'* is caused to lie flat on the other jaw *c*, so that the rods at the end may be grasped with one hand; and, when the instrument is in the reversed position for using the tongs, the jaw-end of the rod B being the heavier, the jaw is brought into the proper position in relation to the jaw *c* for grasping, as seen in Fig. 3.

It will readily be seen that, in addition to the simplicity and cheapness of construction of the combined device, it is of convenient manipulation, the end to be used only having to be brought into the proper position, and the other end conveniently serving for a handle.

We claim as our invention—

The combination of the rod A, having a jaw, *c*, at one end and a poker, *a*, at the other end, with or without the lifter *b*, with a short rod, B, having a jaw, *c'*, at one end, the said rods being connected by the pivot C, substantially in the manner and for the purpose set forth.

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