

June 5, 1928.

1,672,570

F. A. LA BRECK

OBSTETRICAL DELIVERY FORCEPS

Filed June 28, 1927

Fig. 1.

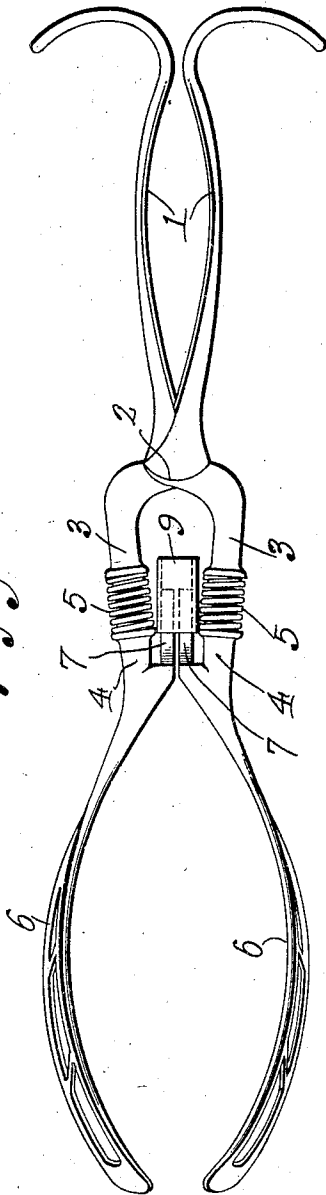


Fig. 6.



Fig. 5.

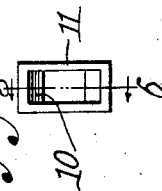


Fig. 4.



Fig. 3.

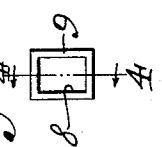
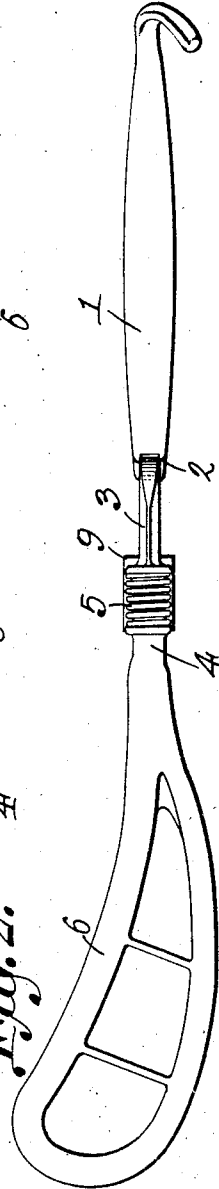


Fig. 2.



Frank A. LaBreck Inventor

384 C. A. Snow & Co.  
Attorneys

# UNITED STATES PATENT OFFICE.

FRANK A. LA BRECK, OF EAU CLAIRE, WISCONSIN.

OBSTETRICAL DELIVERY FORCEPS.

Application filed June 23, 1927. Serial No. 202,042.

This invention aims to provide a pair of obstetrical forceps which will enable the longest dimension of the child's head to coincide with the longest dimension of the pelvis, even though the direction of traction may not be so accurate and well-directed as to produce that result when a pair of ordinary obstetrical tongs are used. Another object is to provide a device of the class described, wherein the jaws may be locked together securely, but adjustably to accommodate heads of different sizes.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the invention appertains.

With the above and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

In the drawings:—

Figure 1 shows in plan, an instrument constructed in accordance with the invention;

Figure 2 is a side elevation;

Figure 3 is an end view of the grip socket;

Figure 4 is a section on the line 4—4 of Figure 3;

Figure 5 is an elevation showing a modified grip socket;

Figure 6 is a section on the line 6—6 of Figure 5.

The handles 1 are crossed and detachably interlocked at 2 in the usual way and comprise longitudinally spaced members 3 and 4

connected yieldably but securely by any suitable resilient means, such as helical springs having stretching and bending resilience 5, the members 4 carrying the jaws 6 of the forceps. The jaws 6 are provided at their inner ends with fingers 7 extended between the members 4 and adapted to be received in the straight bore 8 of a detachable grip socket 9, or in the larger tapered bore 10 of a grip socket 11.

The springs 5 permit the longest dimension of the head to coincide with the longest dimension of the pelvis, even though the traction is faulty. The grip sockets 9 and 11 are used to lock the jaws 6 positively on the child's head, and the socket 11 is substituted for the socket 9 when the head is large. There may be many grip sockets, of different sizes, to afford as fine an adjustment as the operator demands.

What is claimed is:—

1. An instrument of the sort described, comprising combined jaw and handle members provided with fingers located side by side, means for connecting the combined jaw and handle members to form an operative instrument capable of being opened and closed, and a grip socket receiving the fingers to prevent the instrument from opening.

2. An instrument of the sort described, comprising combined jaw and handle members, and means for connecting the combined jaw and handle members to form an operative instrument capable of being opened and closed, each of the combined jaw and handle members including a part which has stretching and bending resilience.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

FRANK A. LA BRECK.