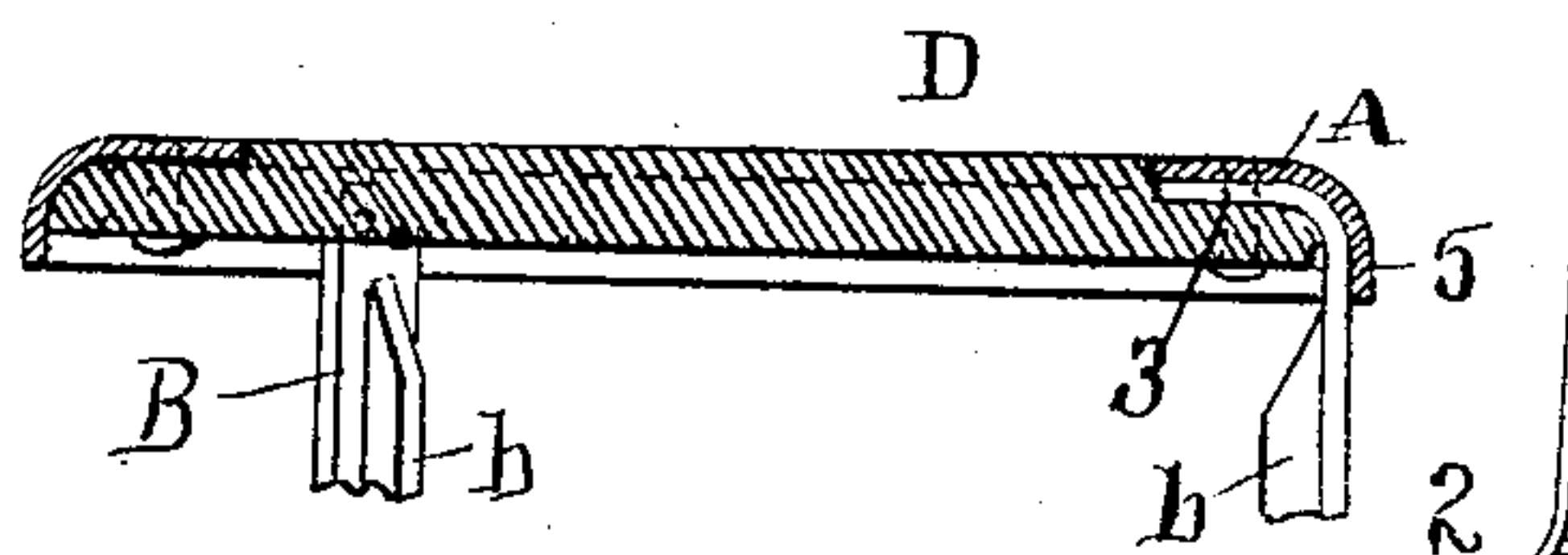
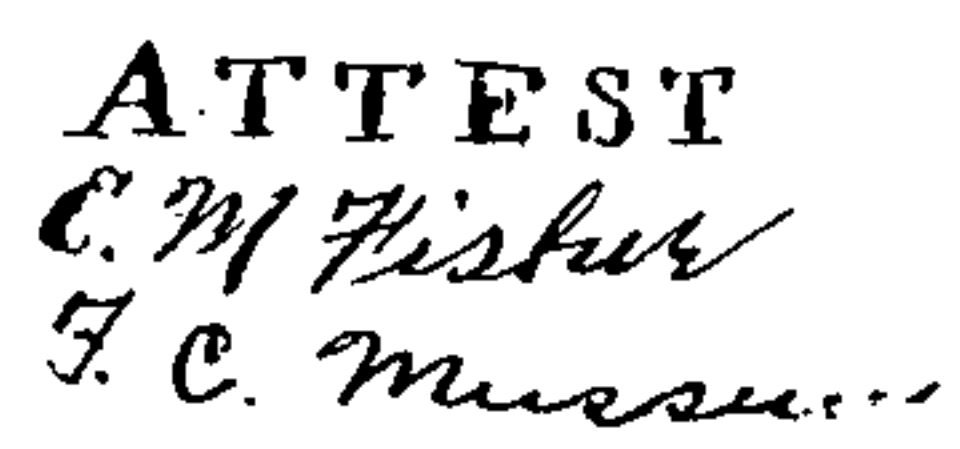
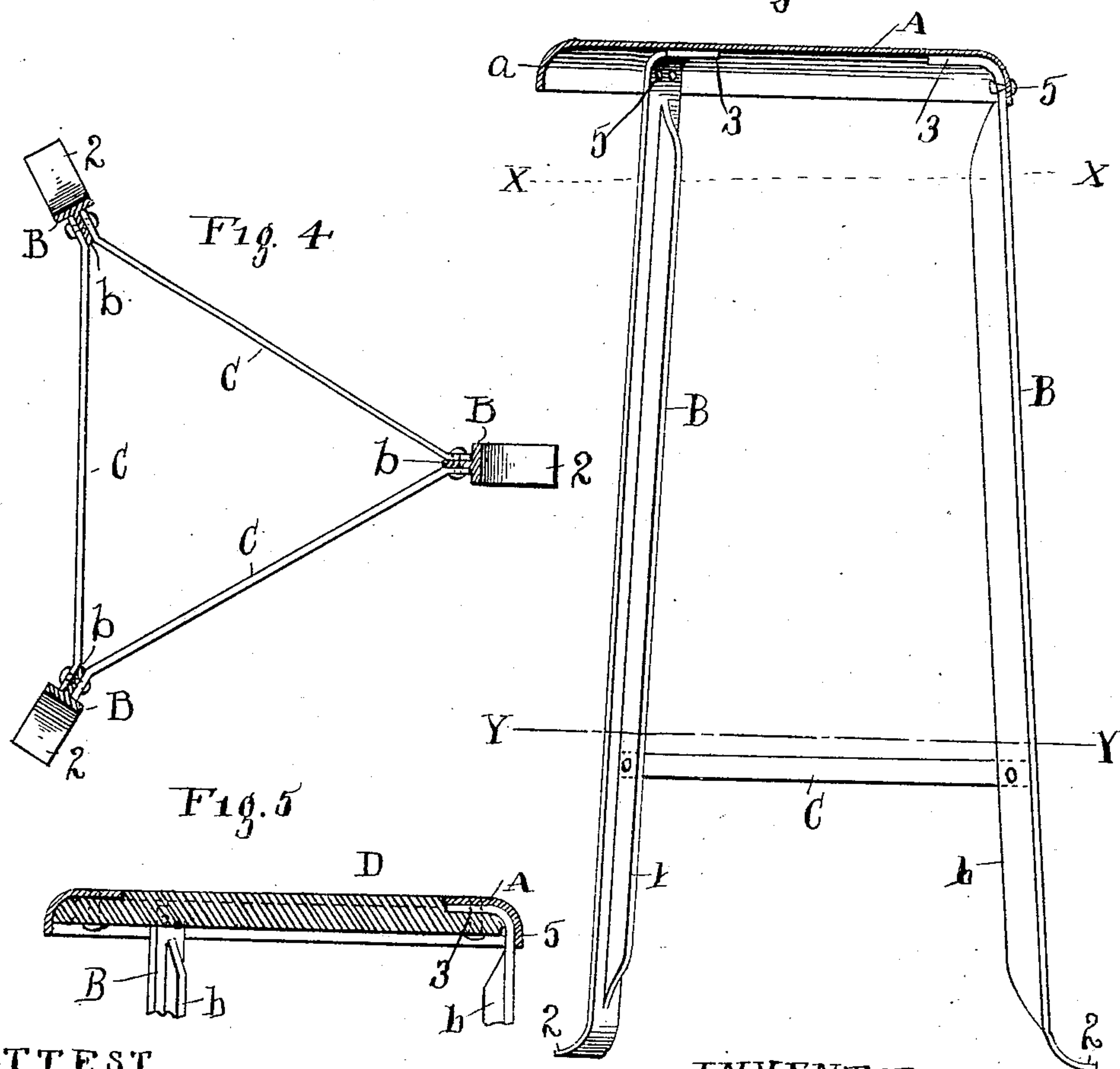
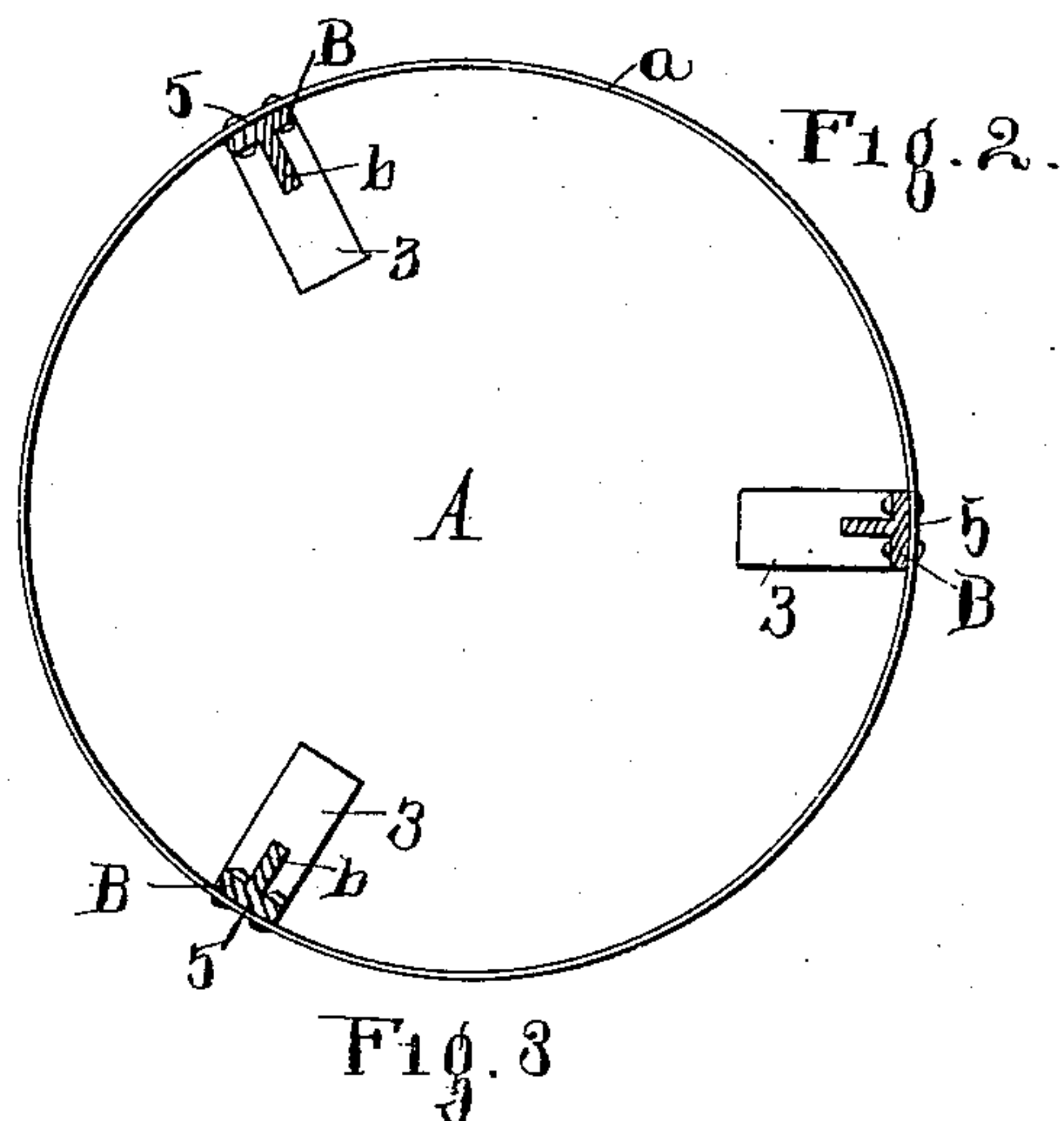
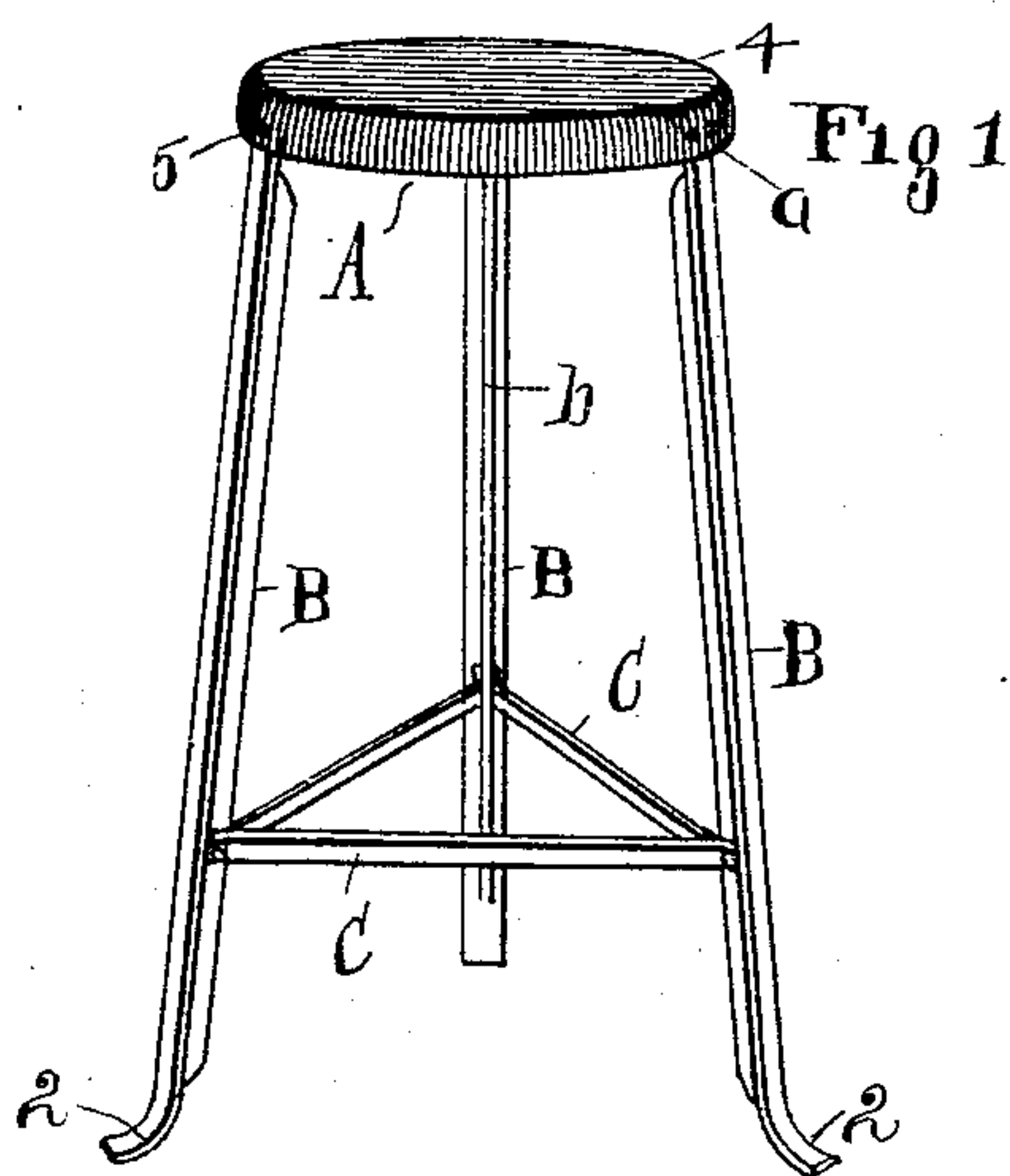


No. 868,420.

PATENTED OCT. 15, 1907.

C. H. ERICKSON.  
METALLIC STOOL.

APPLICATION FILED APR. 20, 1907.



ATTEST  
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# UNITED STATES PATENT OFFICE.

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## METALLIC STOOL.

No. 868,420.

Specification of Letters Patent.

Patented Oct. 15, 1907.

Application filed April 20, 1907. Serial No. 369,335.

*To all whom it may concern:*

Be it known that I, CHARLES H. ERICKSON, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Metallic Stools, and do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to metallic stools, and the invention consists in a stool constructed wholly of metal, except in case a wooden seat be used, all substantially as shown and described and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of an all metal stool, and Fig. 2 is an enlarged bottom view of the seat or top of the stool with the legs broken off. Fig. 3 is an enlarged sectional elevation of Fig. 1, and Fig. 4 is a cross section of the legs and showing the triangular spider or bracing for the lower portion of the legs. Fig. 5 is a cross section of a modification of the seat top showing a wooden seat removably seated therein.

The stool thus shown is intended more especially for work-shop and factory uses, where the usage of stools is liable to be severe and strength and serviceability are especially demanded. To these ends I have produced an all metal stool, as shown in Figs. 1 to 4, in which I have a struck up sheet metal seat or top A, preferably steel, fashioned with a suitable central depression if preferred, though not shown, and a downwardly curved flange *a* around the same.

B represents the legs, three in number in this instance, and formed of T iron or steel, except at their ends, where rib *b* of the leg is omitted and the extremity of the leg at the bottom is bent outward, more or less, to form a foot 2. Said foot extends outward to constitute a suitably wide lateral rest or support for the stool, thus giving it the needed base width and enabling the legs to be brought more nearly together than would otherwise be admissible and taking up

correspondingly less room. A substantially similar construction of said legs occurs at the top where they have the seat affixed thereto, each leg also omitting its central rib *b* at the top and having its flat extremity 3 extending inward beneath the top or seating portion 4 of the seat while its top portion rests against flange *a* and is riveted thereto at 5. Finally, the legs are braced in respect to each other by braces C, and three several such brace pieces are used and have their respective ends bent slightly out of a direct line with the body of the brace and riveted at their ends to central rib *b* of the said legs, a single rivet serving to fasten the ends of the two braces meeting on a given leg. The same general construction obtains in Fig. 5, except that in this case a wooden or equivalent seat D is set into a corresponding opening in the metal seat or top A, and said wooden seat is shouldered about its edge and set down into said hole or opening.

By reason of the T shaped legs and the flange seat I am enabled to make a very strong and firm stool out of comparatively light metal, so that a given stool is not heavy, and the triangular bracing C contributes greatly to the strength. Furthermore, by making the stool three legged it can find a level for itself to stand upon otherwise uneven floors, which is very material in shops and factories. The lateral top portions 3 of the legs help to sustain the otherwise thin seat and contribute to the stiffness and support of the stool when occupied.

What I claim is:—

A metallic stool having legs angular in cross section between their ends and the ends thereof flat and bent at substantially right angles in opposite directions, and a top having a down flange about its outside and the upper flat ends of said legs extending in beneath the said top and said legs riveted to the said flange, and braces riveted to the central ribs of said legs.

In testimony whereof I sign this specification in the presence of two witnesses.

CHARLES H. ERICKSON.

Witnesses:

R. B. MOSER,  
E. M. FISHER.