

915,776.

W. W. LANG.
FIDDLE OR GUARD FOR SHIPS' TABLES.
APPLICATION FILED JAN. 7, 1908.

Patented Mar. 23, 1909.
2 SHEETS—SHEET 1.

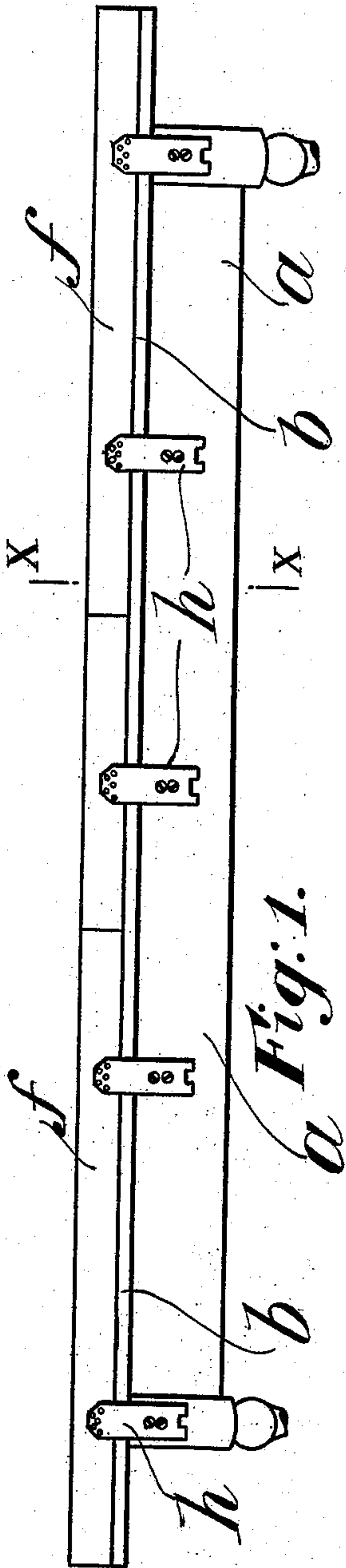


Fig. 1.

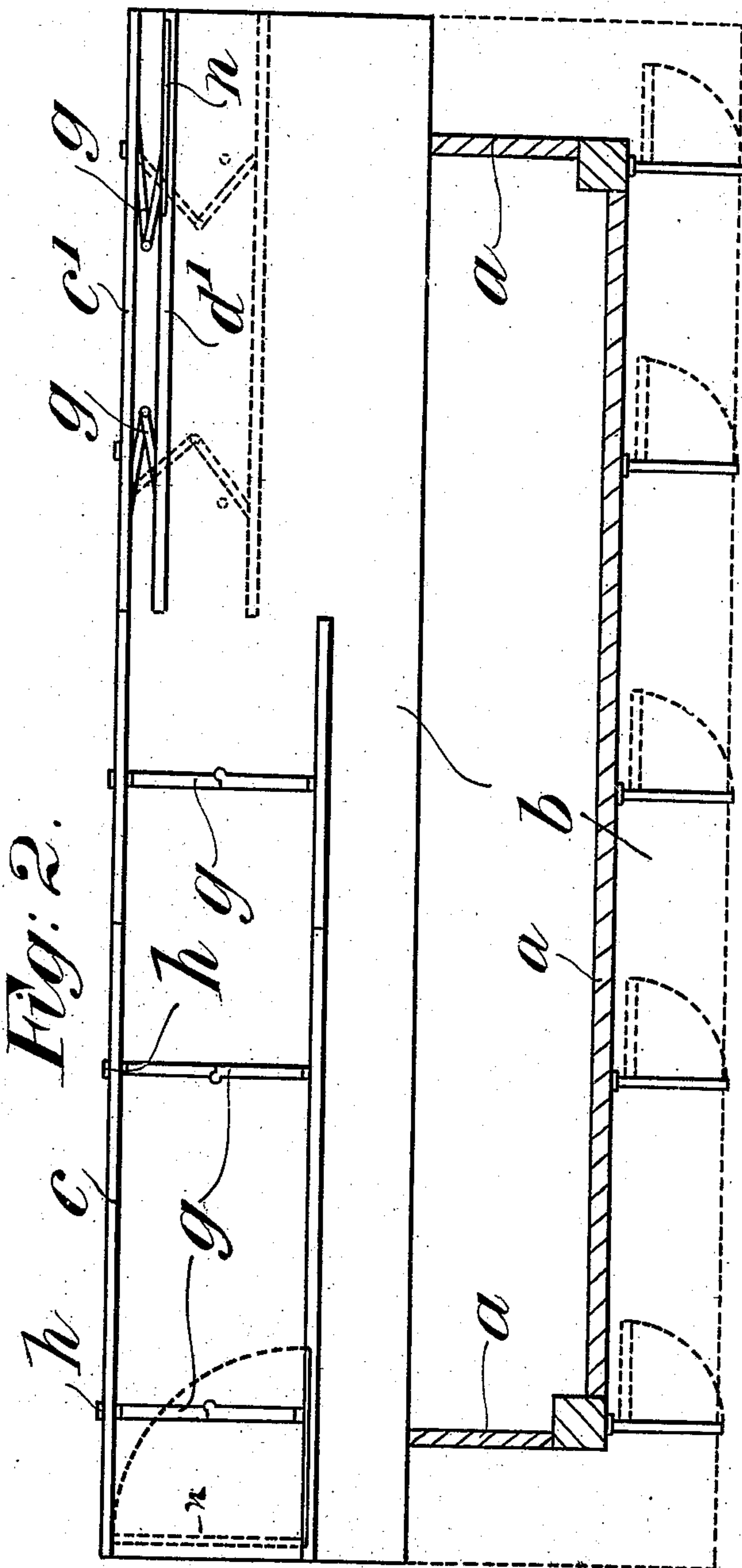


Fig. 2.

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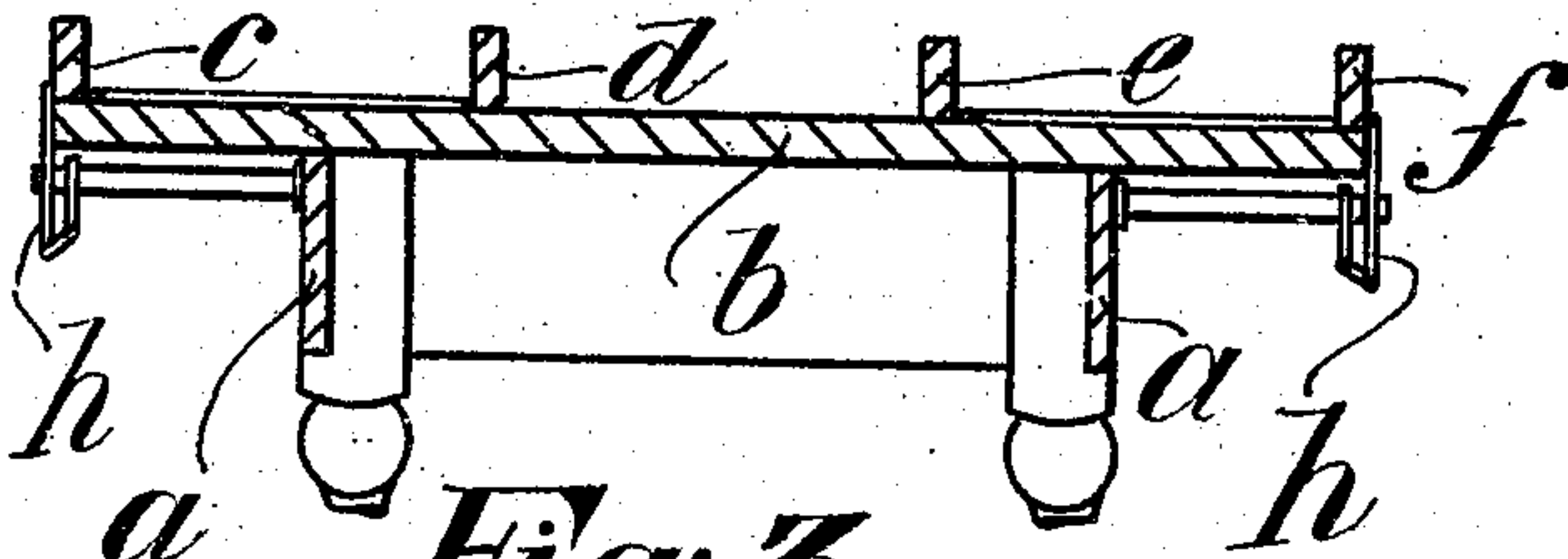


Fig. 3.

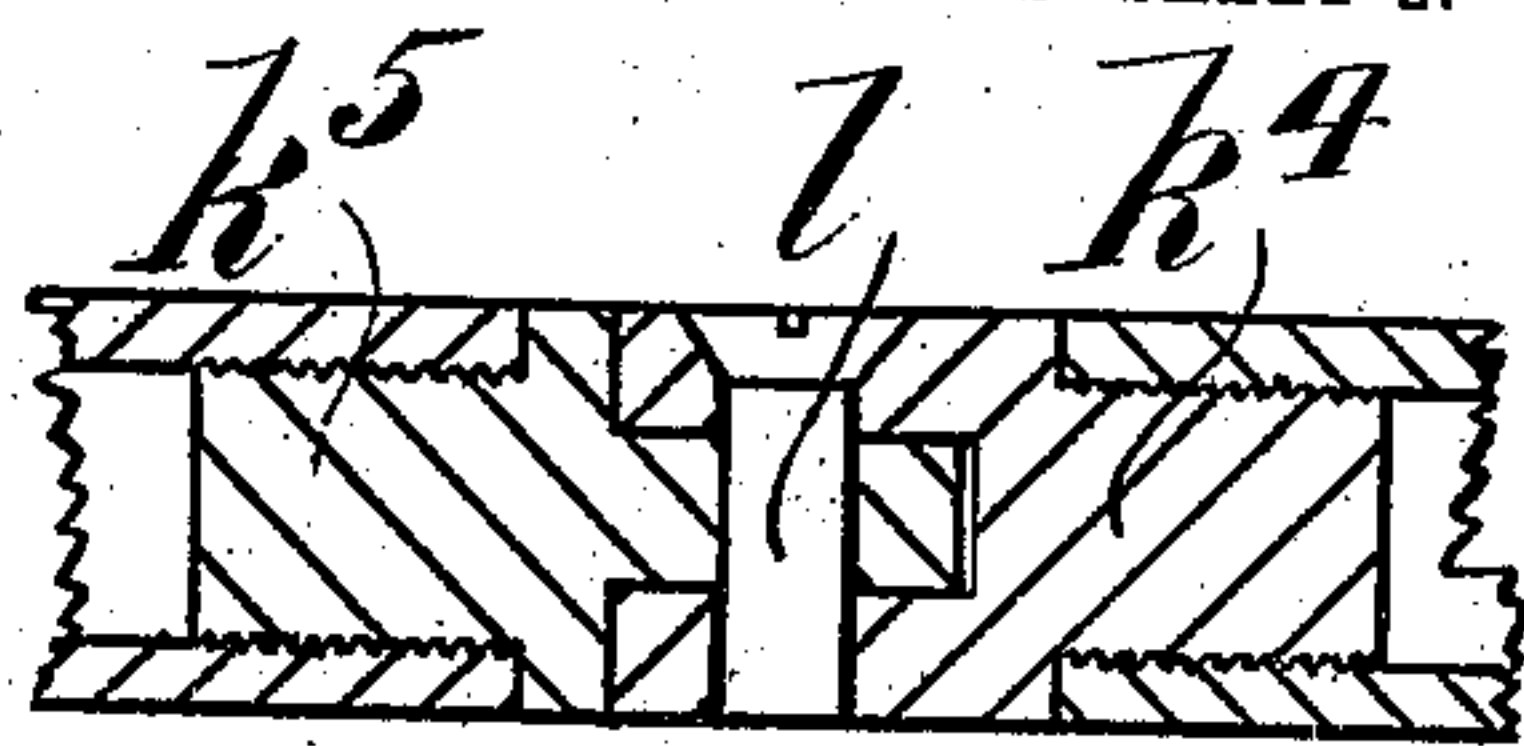


Fig. 6.

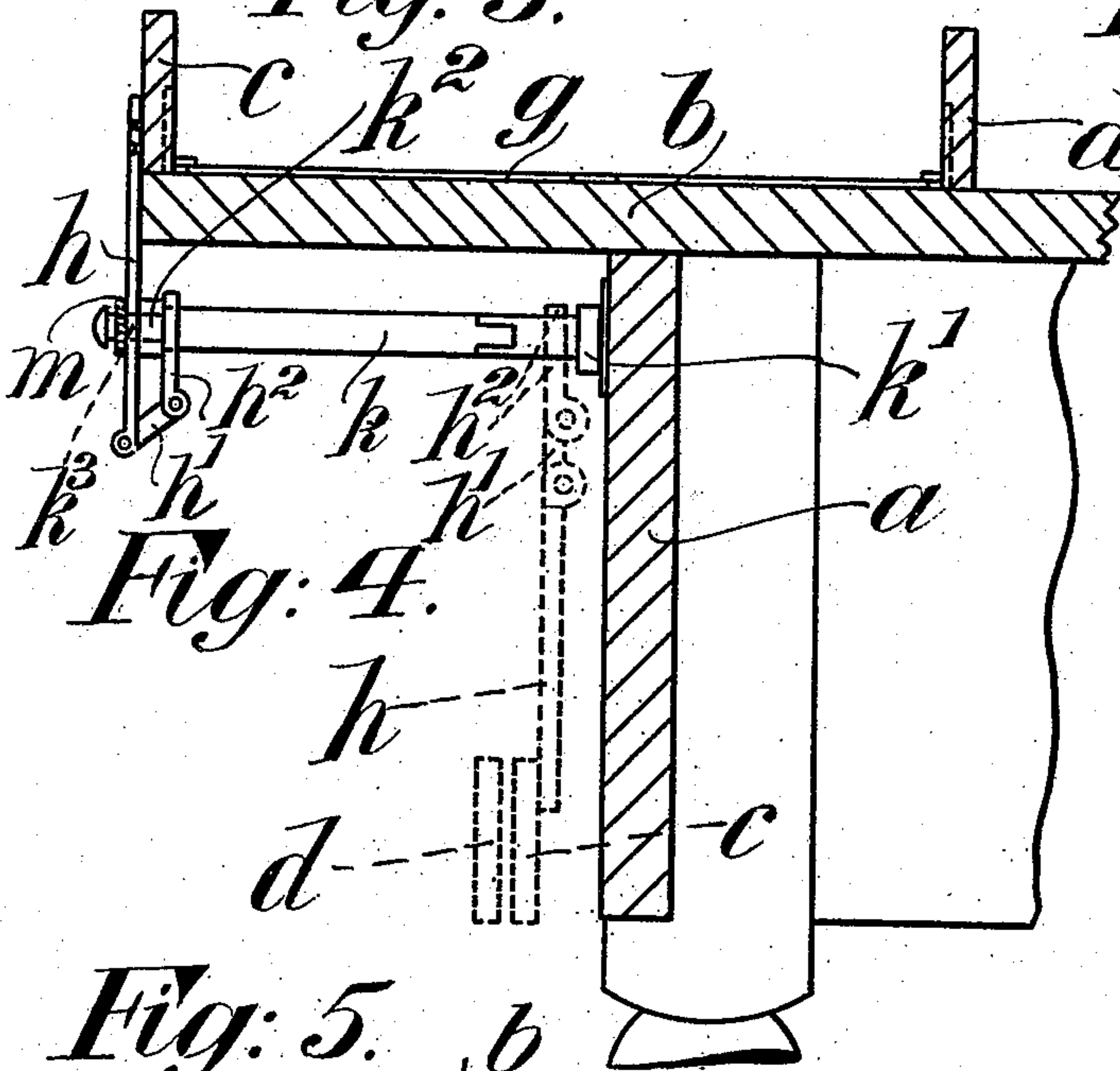


Fig. 4.

Fig. 8.

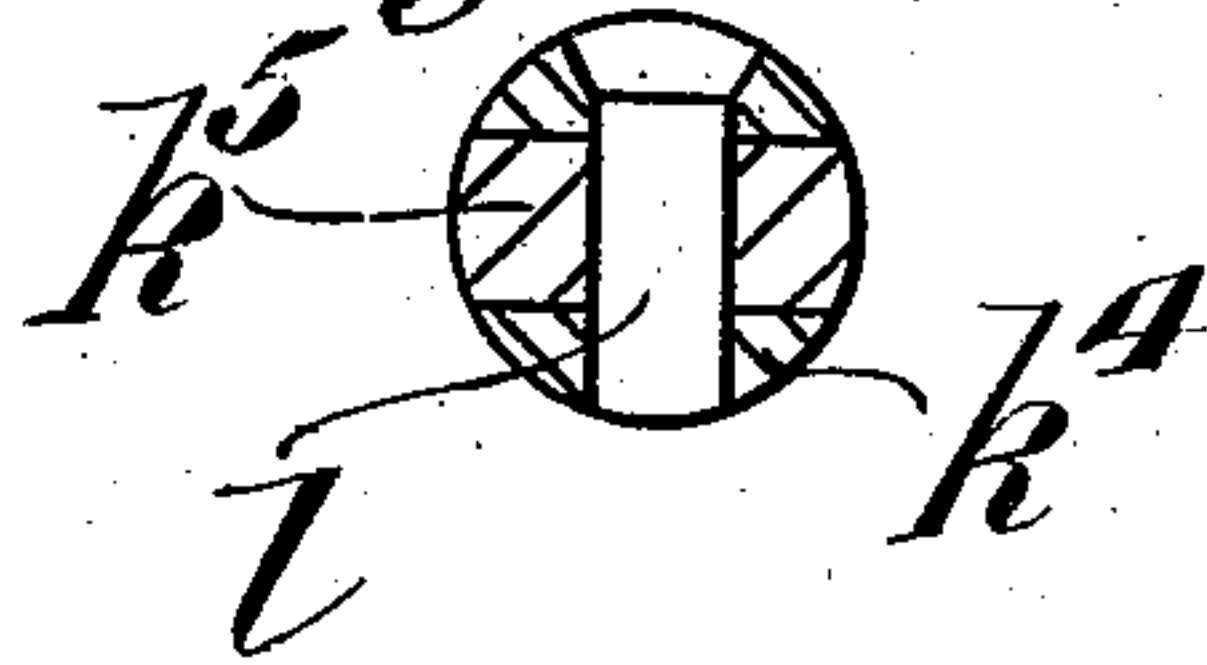


Fig. 5.

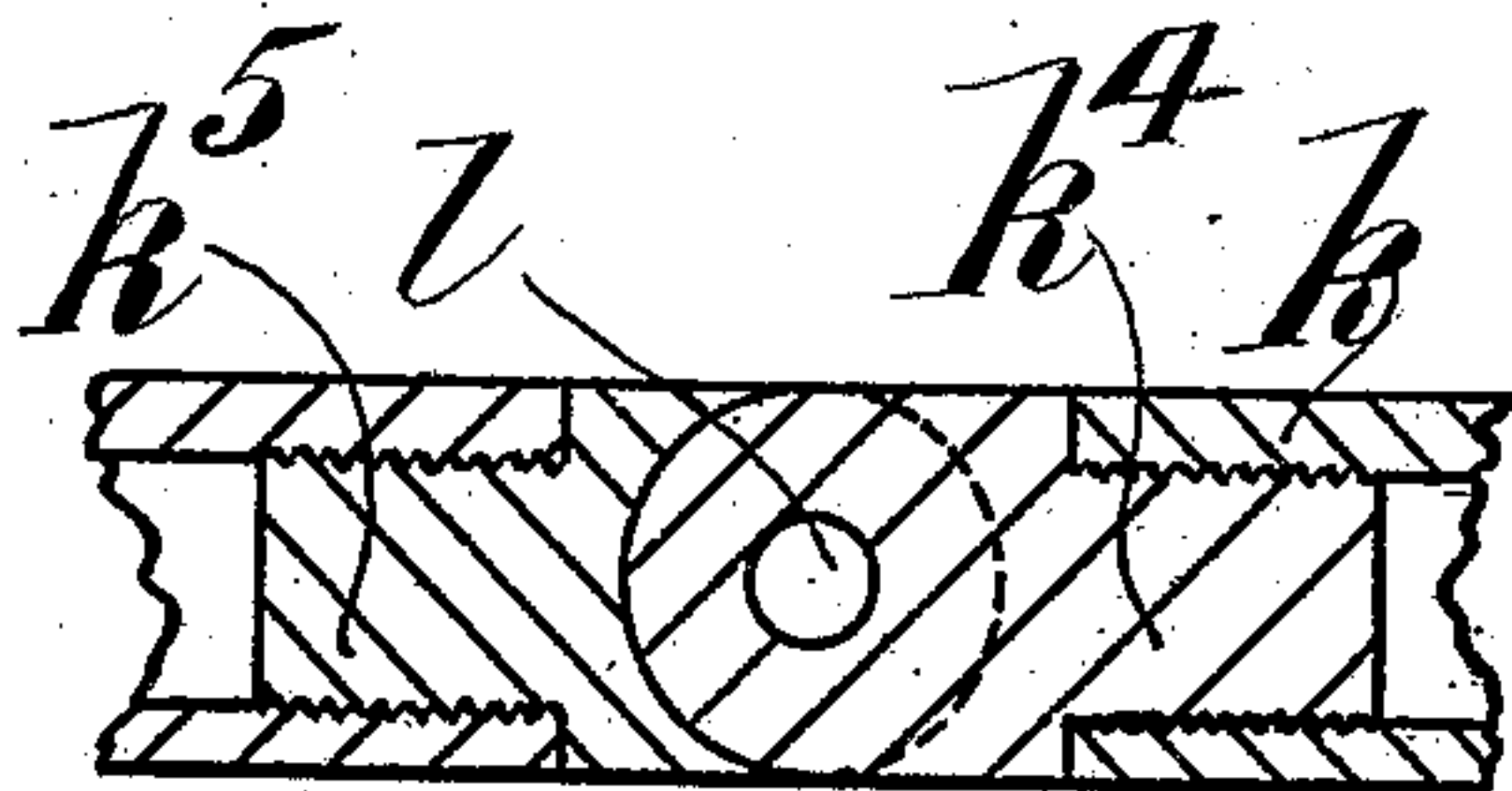
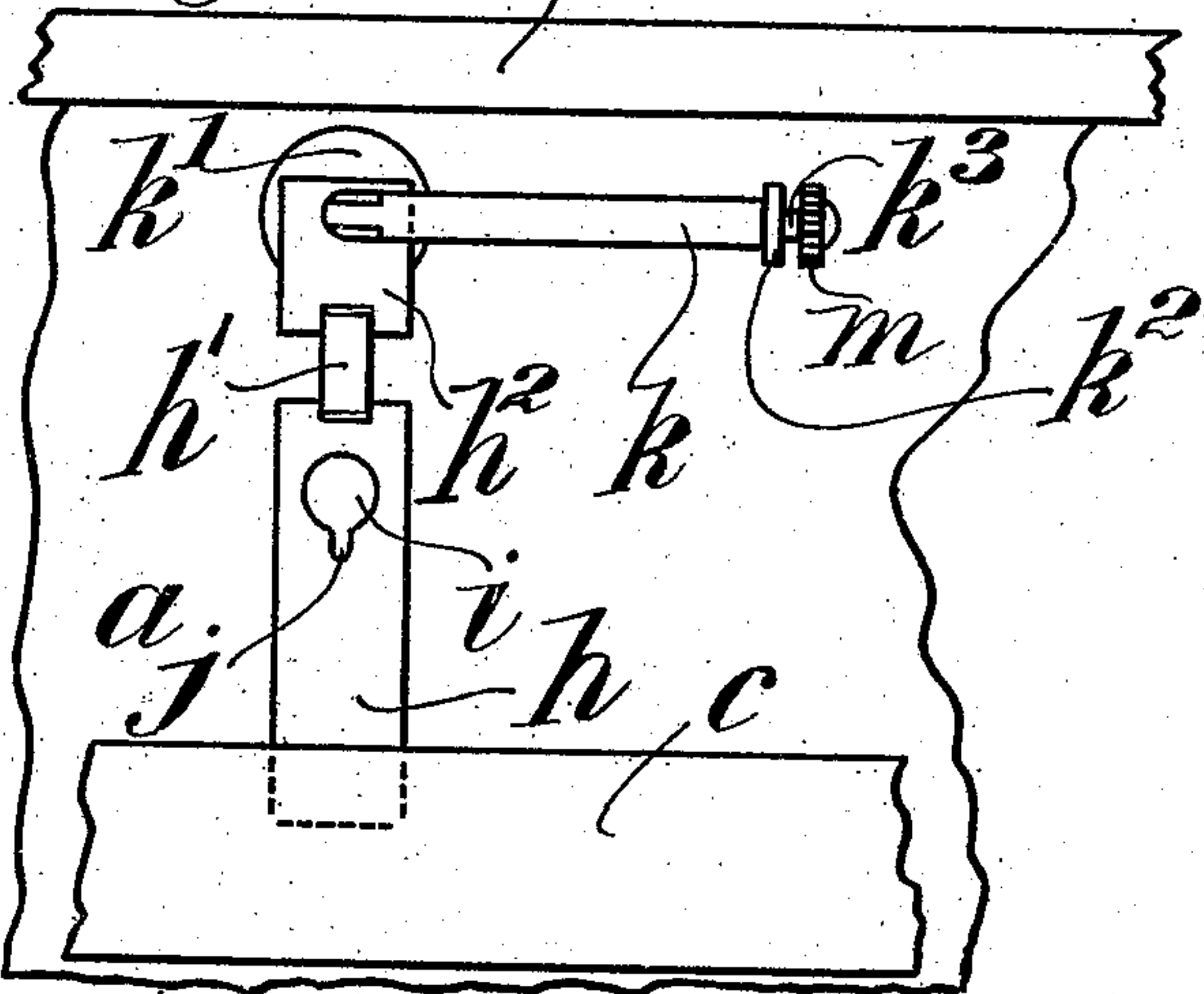


Fig. 7.

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UNITED STATES PATENT OFFICE.

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FIDDLE OR GUARD FOR SHIPS' TABLES.

No. 915,776.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed January 7, 1908. Serial No. 409,626.

To all whom it may concern:

Be it known that I, WILLIAM WALLACE LANG, a subject of the King of Great Britain, residing at 308 Maxwell road, Pollokshields, Glasgow, Scotland, ship's steward, have invented certain new and useful Improvements in Fiddles or Guards for Ships' Tables, of which the following is a specification.

This invention relates to fiddles or guards for dining and like tables of ships and has for its object to so make the same that the guards are conveniently and readily attached to each table, being folded and stowed under the table top when not in use and readily brought to their position on the table when required.

Under my invention I so arrange and construct the fiddles or guards that each table will have its own set self contained and conveniently attached, being folded and suspended underneath the table top on carrying rods attached to the table frame and in such manner that their presence will not interfere with the ordinary use of the table. When required for use the guards can be readily and quickly brought into position on the table and when not required can be readily and quickly folded and stowed away.

In order that my invention may be clearly understood and readily carried into effect I have appended explanatory drawings, whereon:—

Figure 1 is a front elevation of the upper part of a table with guards in position on top. Fig. 2 is a plan of the table, one half with the top removed and showing the carrying rods, the other half showing the guards on the table top. Fig. 3 is a cross section on the line X, X, Fig. 1 showing the guards in position for use on both sides of the table. Fig. 4 is a detailed cross section of one side of the table, showing the arrangement of the guard, with its hinge and carrying rod and indicating in dotted lines the guard stowed away under the table top. Fig. 5 is a detailed front elevation showing the guard in the housed or stowed away position under the table and showing the carrying rod as folded when out of use, being parallel with the table frame. Fig. 6 shows a detail section

of the carrying rod joint. Fig. 7 is a sectional plan of the same. Fig. 8 is a cross section of the same.

On the drawings the same reference letters wherever repeated indicate the same or similar parts.

a is the table frame, b the table top and c , d , the guards or fiddles on one side of the table and e , f , the guards on the other side.

The guards on each side of the table consist of the bars c , d , e , f , of rectangular or other desired form and made of wood or other suitable material. The bars may be divided in convenient lengths, or sections. Jointed extension bars g are provided suitably attached to the guard bars and these extension bars may be of metal or other suitable material and so arranged as to enable the guards c , d , and e , f to be brought close together or extended as desired, the folded position being shown at c^1 , d^1 , Fig. 2.

To the front bars c , and f of the guards, folding hinges h are fastened. Each hinge is made in three parts h , h^1 , h^2 , each part being jointed by pin joints to the other part. The part h which is fastened to the guard bar c or f is made with a circular opening i and a slot j . Carrying rods k are provided, one for each hinge, the part h^2 being slidably fitted thereon and free to travel along the carrying rod. The carrying rod k is preferably made of metal and of tubular section, although any other suitable material and section may be used. As shown in Figs. 4 and 5 the rod k is arranged immediately underneath the table top b and fixed in any suitable manner by means of the socket piece k^1 to the table frame a said socket projecting therefrom at right angles. The carrying rod k is arranged with a stop k^2 suitably attached at the end thereof or one therewith and also arranged with a reduced part k^3 beyond the stop k^2 on which by the slot j the hinge h sits, a removable tightening screw nut m being also provided to hold the hinge h in position on the reduced part or seat k^3 .

In Figs. 6, 7 and 8 a preferred construction of the carrying rod k is shown whereby it is possible to fold the rod close to the table and parallel therewith a hinge or joint ar-

arrangement being provided for this purpose near the table end of the rod. The rod k is made of tubular section in two parts, each of the parts having solid pieces k^4 and k^5 5 screwed or otherwise fixed therein which with the pin 1 form the joint or hinge. The joint is made to conform to the section of the rod k so that the part h^2 can move freely back and forward over the same and along the 10 rod k .

The arrangement of carrying rods and hinges is such that, when the guards are in the stowed away position under the table top and it is desired to bring the guards 15 on to the table top, then all that is required is to turn each carrying rod k out at right angles with the table frame and slide the hinge h with the guard bars c and d or e and f attached thereto along the rod until the 20 hinge part h^2 is stopped by the stop piece k^2 . The hinge part h with the guards attached thereto is then swung up and by means of the circular opening i in the hinge h is passed over and on to the reduced end k^3 25 of the carrying rod k , then by means of the slot j in the hinge part h , the latter is caused to fit on to the reduced part k^3 being held in place by means of the tightening nut m , which is now fitted in position. The guards 30 c , d , and e , f , will now lie on the table top b and it is only necessary to extend the jointed extension bars g to have the guards ready for use.

The reverse of the above operations again 35 places the guards under the table top and leaves the latter free for other uses.

Transverse guards n may also be provided at the ends of each line of guards, or, if desired, between each section of guards each 40 consisting preferably of a bar of rectangular form, hinged to the longitudinal guard bars d and e , which are preferably recessed to receive the same when folded and not in use. When in use and in position as shown in 45 dotted lines in Fig. 2 the transverse guard n would be locked in place by a spring clip or the like, a spring clip being also provided to retain it in the folded position.

The guards can be made in any convenient 50 number of sections, each section having hinges and carrying rods corresponding to its length, two different lengths of sections are shown at Fig. 2 one length having two hinges and the other only one hinge. The 55 sections could be arranged so that each person would have his own guard or the entire table guards on each side could be made in one length.

Having now fully described my invention 60 what I claim and desire to secure by Letters Patent is:—

1. The combination with a ship's table of a foldable fiddle, means for holding the fiddle in position on the table top when in use and

means whereby the fiddle can be folded up 65 and held underneath the table top when not required.

2. The combination with a ship's table of a carrying rod a foldable and slidable hinge 70 on the rod and a fiddle secured to said hinge.

3. The combination with a ship's table of carrying rods secured underneath the table top, foldable and slidable hinges on the carrying rods and a fiddle secured to said hinges.

4. The combination with a ship's table of 75 hinged carrying rods secured underneath the table top, foldable and slidable hinges on the carrying rods and a fiddle secured to said hinges.

5. The combination with a ship's table of 80 carrying rods secured underneath the table top, folding hinges slidably fitted on said rods, means for securing the hinges to the ends of said rods in a vertical position, and a fiddle secured to said hinges. 85

6. The combination with a ship's table of carrying rods secured underneath the table top, hinges made in three parts jointed together, one part being slidably fitted on its 90 carrying rod and another part being capable of attachment to the end of said rod, and a fiddle secured to said hinges.

7. The combination with a ship's table of carrying rods secured underneath the table top, hinges made in three parts one part 95 slidably fitted on its carrying rod and another part linked thereto and which can be fitted to the end of the rod, means for securing the hinges to their rods and a fiddle connected to the hinges. 100

8. The combination with a ship's table of a carrying rod which has a reduced end, a hinge made in parts one part being slidably fitted on the rod and another part being adapted to fit on the reduced end of the rod, 105 means for holding the hinge in position on the end of the rod and a fiddle connected to said hinge.

9. The combination with a ship's table of a carrying rod which is hinged and has a 110 reduced end, a hinge made in two parts linked together one part being slidably fitted on the rod and the other part capable of fitting vertically on the end of the rod, means for holding the hinge in place and a 115 fiddle connected to the hinge.

10. The combination with a ship's table of a jointed rod, a connection slidably suspended from the rod and made in parts 120 jointed together, and a fiddle connected to said connection.

11. The combination with a ship's table of a jointed rod, having a reduced end, a connection slidably suspended from the rod and made in parts jointed together, one of the 125 parts having a slot therein, adapted to fit on the reduced end of said jointed rod, means for holding the connection vertically

in position when so fitted and a fiddle connected to the said connection.

12. In combination, a ship's table, a fold-
able fiddle, a hinged connection, and a joint-
5 ed rod secured under the table top the
hinged connection when the fiddle is folded
up being capable of sliding along and hang-
ing on the jointed rod which latter can be

folded parallel with the table frame and
under the table top.

10

In testimony whereof I affix my signature
in presence of two witnesses.

WILLIAM WALLACE LANG.

Witnesses:

WILLIAM GALLY,
ANDREW HAMILTON.