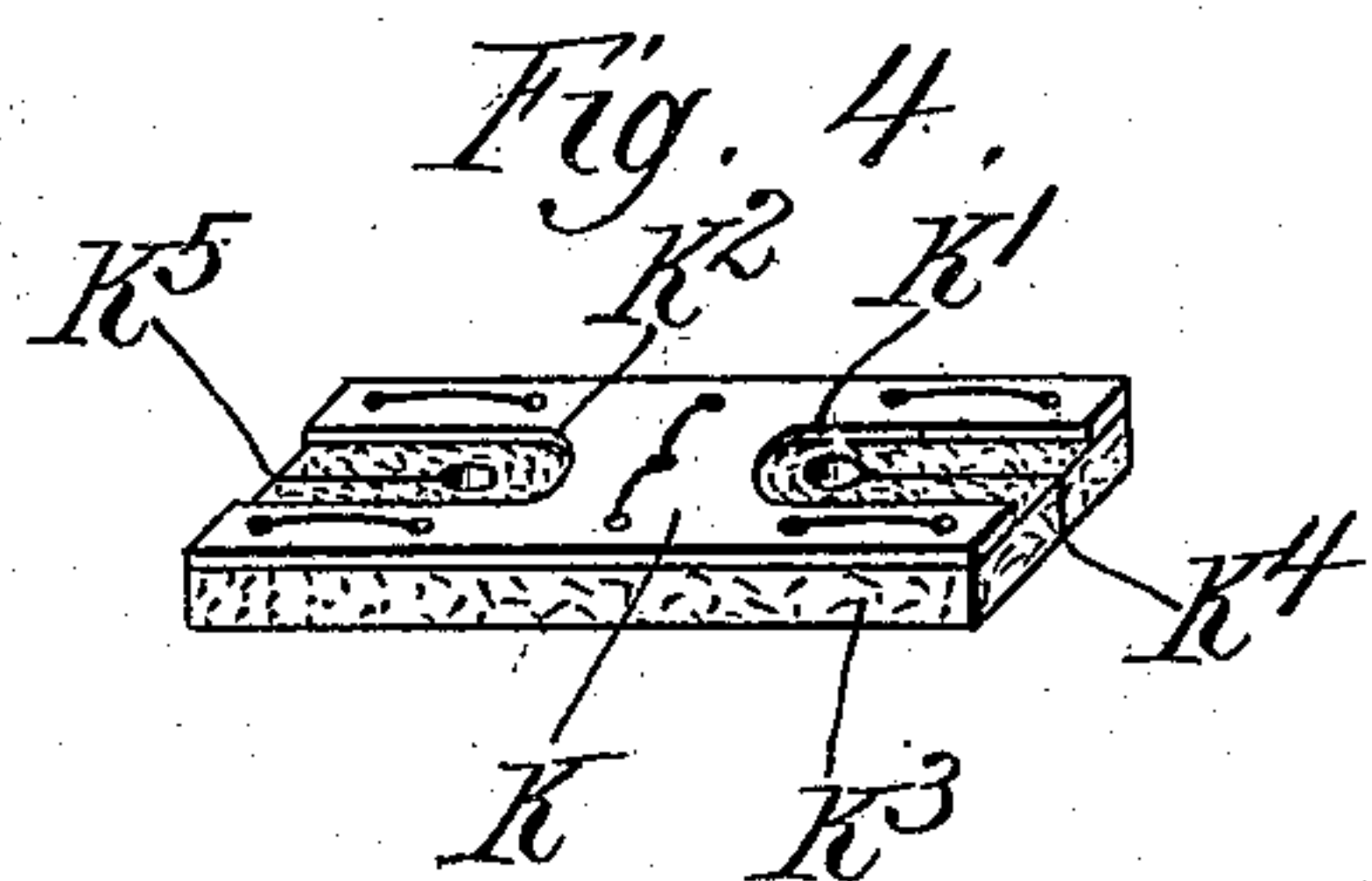
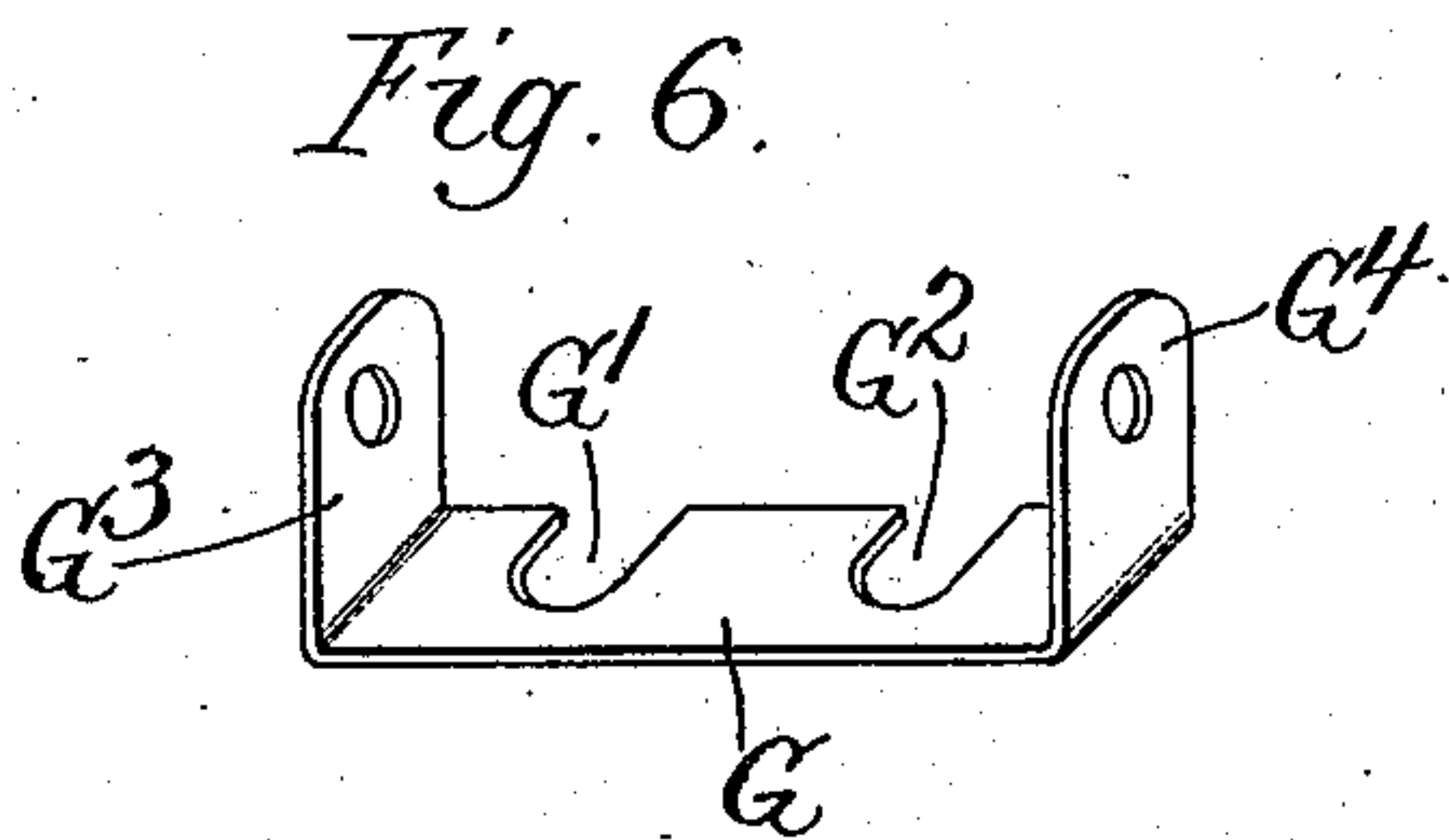
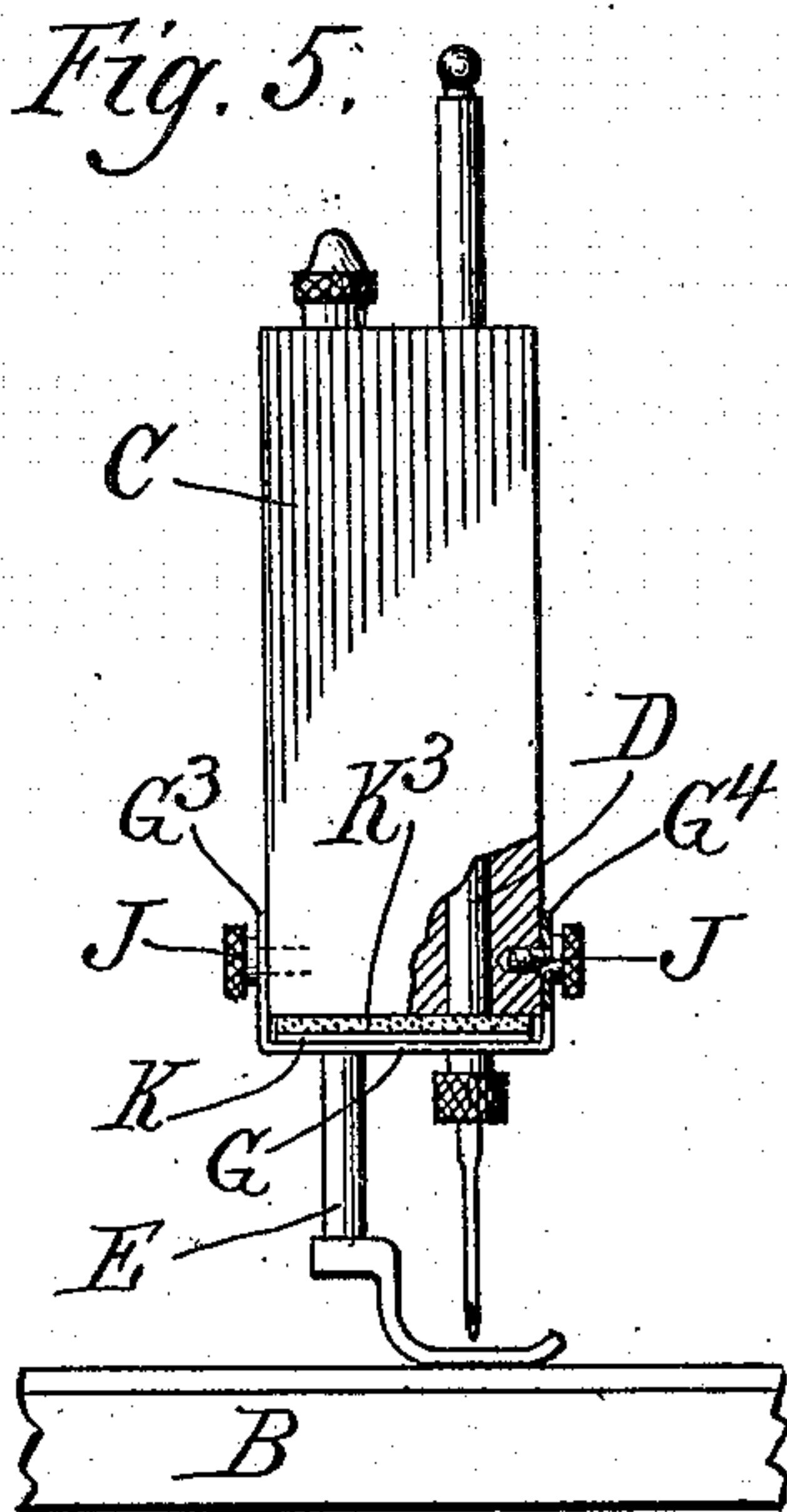
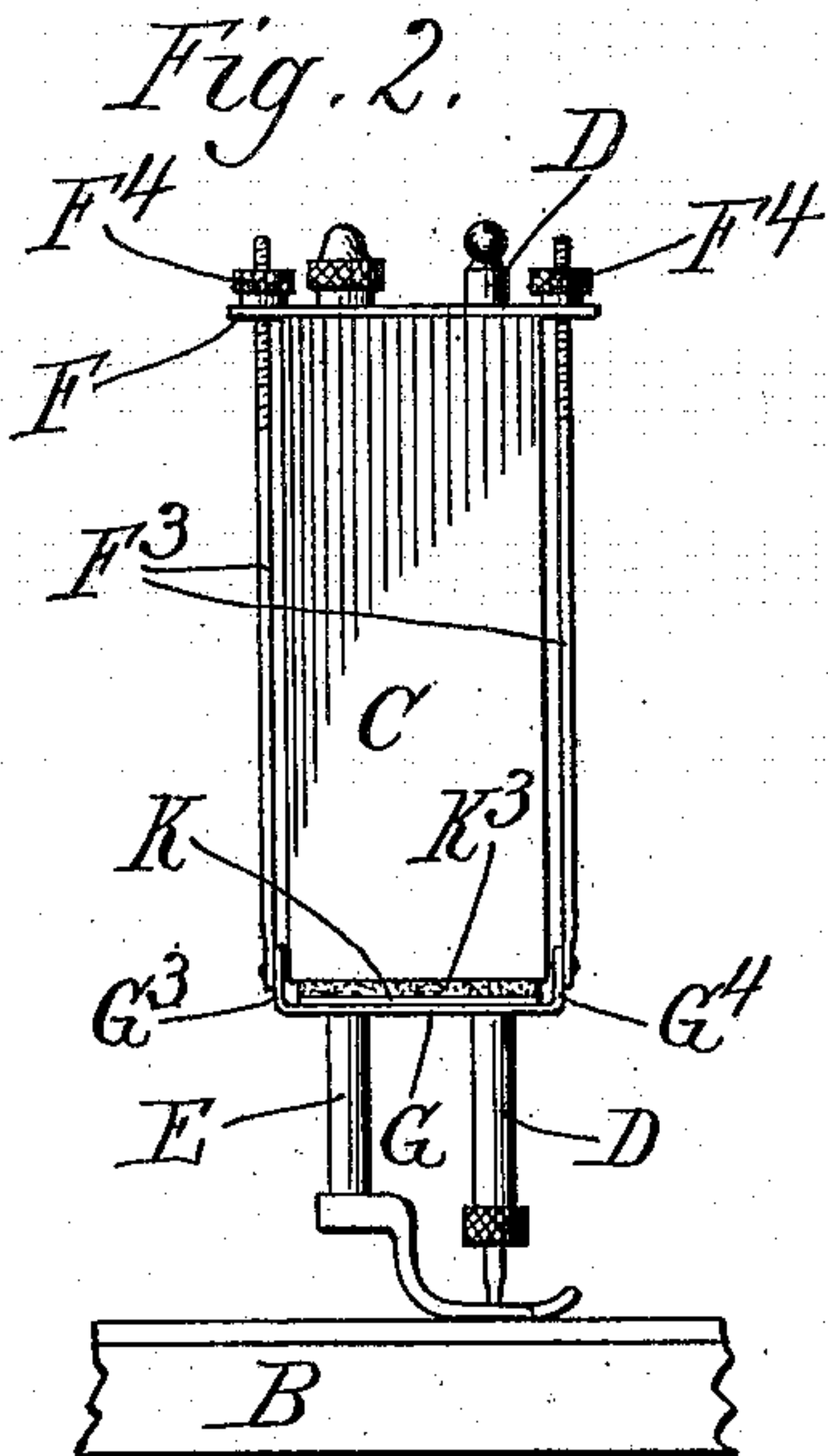
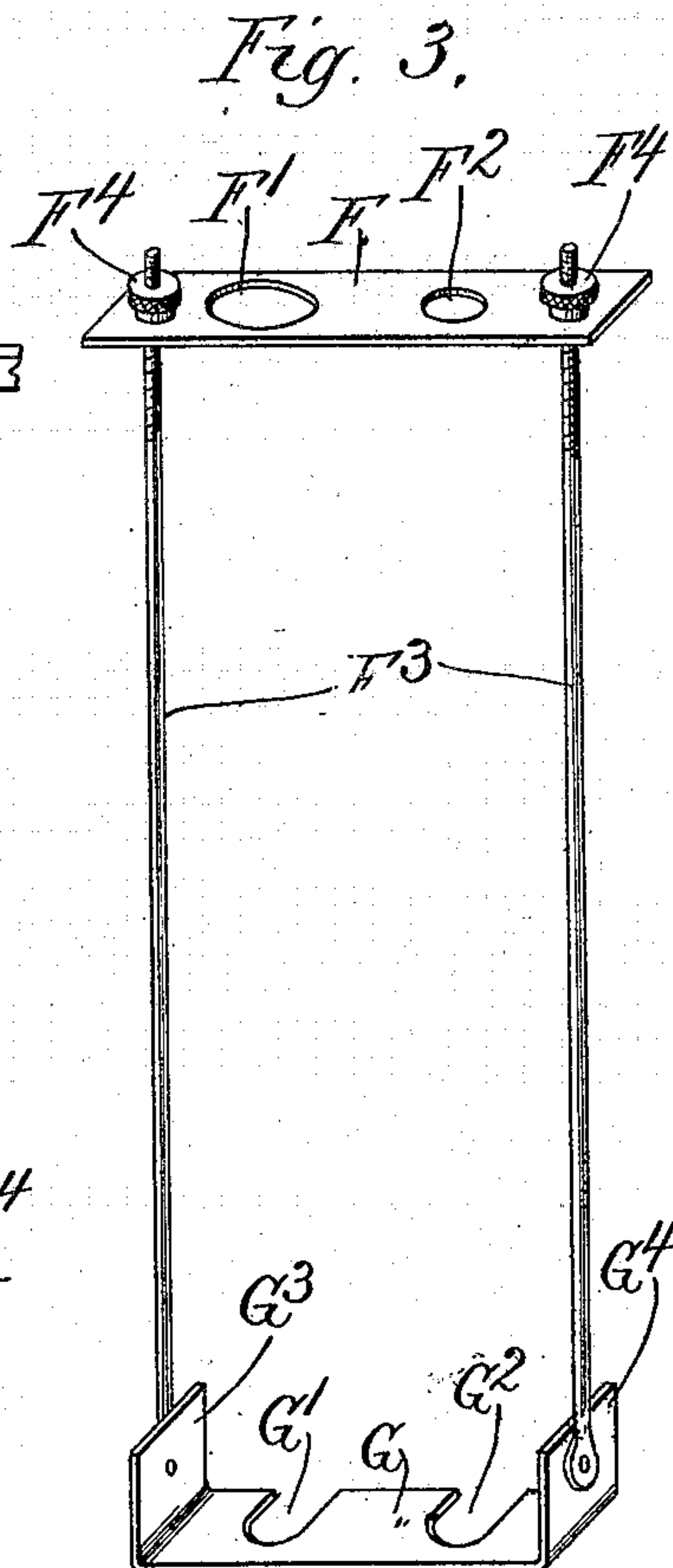
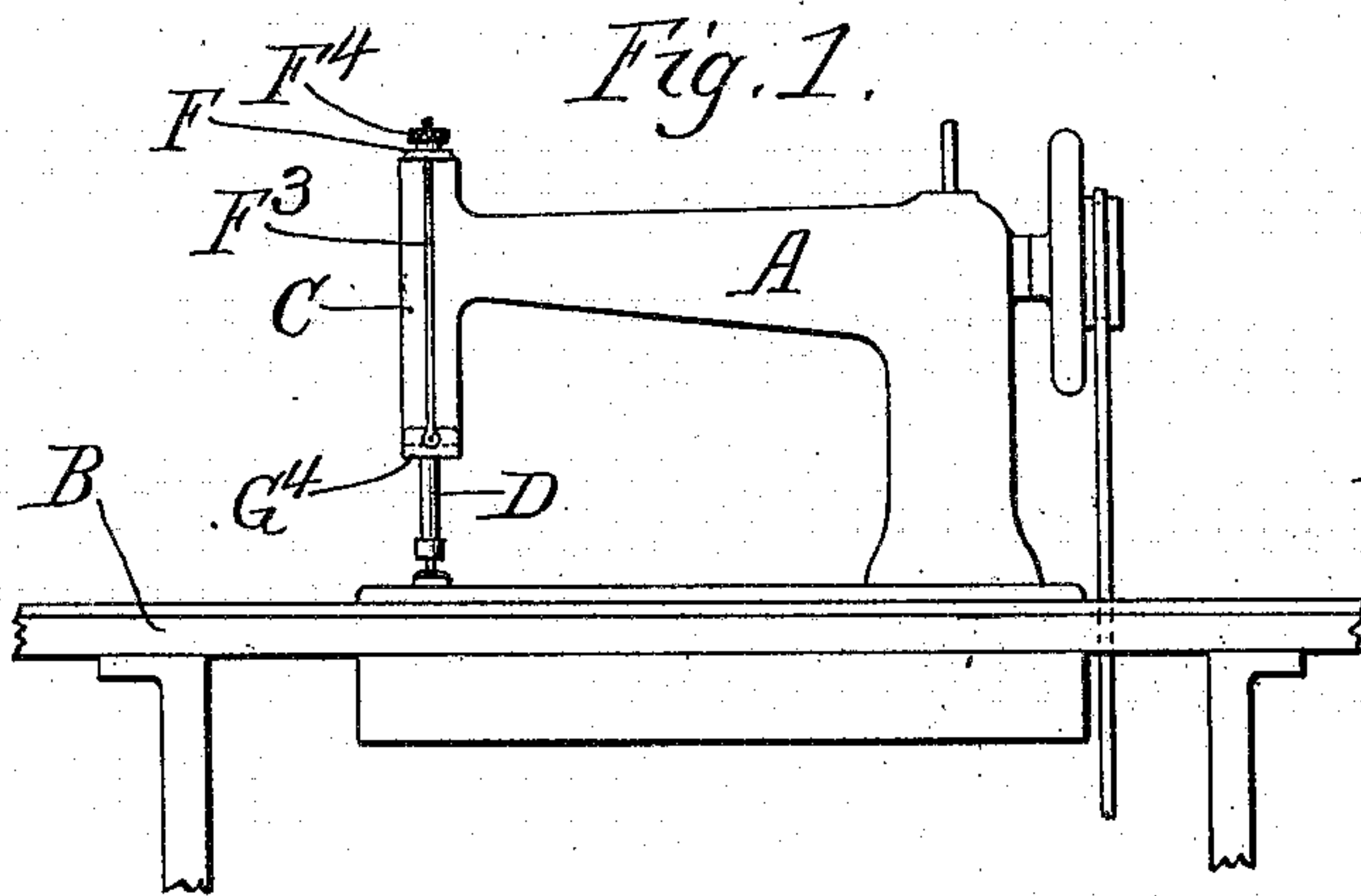


M. J. EIDAM.  
SEWING MACHINE ATTACHMENT.  
APPLICATION FILED APR. 15, 1908.

923,824.

Patented June 8, 1909.



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# UNITED STATES PATENT OFFICE.

MARIE J. EIDAM, OF CHICAGO, ILLINOIS.

## SEWING-MACHINE ATTACHMENT.

No. 923,824.

Specification of Letters Patent.

Patented June 8, 1909.

Application filed April 15, 1908. Serial No. 427,124.

*To all whom it may concern:*

Be it known that I, MARIE J. EIDAM, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Sewing-Machine Attachments, of which the following is a specification.

My invention relates to sewing machine attachments, particularly such as are designed to protect the material being worked upon from oil.

One application of my device is illustrated in the accompanying drawing, wherein—

Figure 1 is a side elevation of a machine containing my attachment, Fig. 2 is a front view thereof, Fig. 3 is a perspective of a portion of the attachment removed, Fig. 4 a like view of the oil pad, Fig. 5 a front view showing a modification of the attachment, Fig. 6 a view of such attachment removed from the machine.

Like parts are indicated by the same letter.

A is a sewing machine head, B the table, and C the needle and presser bar guide.

D is the needle bar, E the presser bar.

Referring to the structure shown in Figs. 1 and 2, F is a plate having two holes  $F^1$ ,  $F^2$  for the needle and pressure bars of the machines, and also having the two bars  $F^3$ ,  $F^3$ , adjustably held to the plate by the thumb nuts  $F^4$ .

G is a supporting plate, slotted at  $G^1$ ,  $G^2$ , for the presser and needle bars respectively, and preferably bent up at its ends  $G^3$ ,  $G^4$ , where it is secured to the lower ends of the rods  $F^3$ . This lower supporting plate is practically the same in both forms of the attachment, but in the form of Figs. 2 and 3, the rods are pivotally secured to the ends  $G^3$  and  $G^4$ , whereas in the form shown in Fig. 5, thumb screws J, J, are passed through the holes of the ends of the supporting plate and into screw-threaded holes made therefor in the presser and needle bar guide. K is a plate slotted at  $K^1$ ,  $K^2$ , and provided with the oil sponge  $K^3$ , which is slotted at  $K^4$ ,  $K^5$ . These parts are, of course, shown as it were, diagrammatically, and I wish my drawings to be so taken. I do show the actual working structure but it will be obvious to anyone that this structure could be greatly modified without materially departing from the spirit of my invention.

The use and operation of my invention are as follows:—In sewing machines there is a constant tendency for the oil to pass from the

inner part of the needle and presser bar guide down along those guides and to ultimately be deposited upon the goods passing under the needle. It is necessary to constantly watch these bars and wipe them, but even with the greatest care there will occasionally be serious damage, especially to delicate fabrics. The attachment of Figs. 2 and 3, is, of course, easily put in position by lengthening the rods  $F^3$ , which can be done by operating the nuts  $F^4$ ,  $F^4$ , and placing the plate F into position on top of the bar guide; then swinging the plate G into position underneath the guide, its slots receiving the two needle and presser bars. Either before or after this action, the sponge plate can be put into position by inserting it between the two needle and presser bars turning it from a vertical or inclined position to a horizontal position and forcing it into place, so that the two bars will pass through the enlargement in the ends of the slots  $K^4$  and  $K^5$ . The sponge then surrounds both bars and is in position to receive and absorb the oil. The thumb nuts  $F^4$ ,  $F^4$ , are then tightened until the whole is fixed, and in a definite position. If the device of Figs. 5 and 6 is employed the attachment is made in a similar manner, but by operating the thumb screws J, J.

I claim:—

1. A sewing machine attachment comprising needle and presser bars and a removable oil absorbing device which surrounds the needle and presser bar and lies below their guides, and a removable securing device which holds the absorbing device in position on the machine, such oil absorbing device and removable securing device being exterior to the needle and presser bar guides and supports and removable therefrom.

2. A sewing machine attachment comprising needle and presser bars and a removable oil absorbing device, slotted at both ends, and perforated to receive the needle and presser bars, and a securing device which holds it removably in position on the machine such oil absorbing device and removable securing device being exterior to the needle and presser bar guides and supports and removable therefrom.

3. A sewing machine attachment comprising needle and presser bars and a removable oil absorbing device which surrounds the needle and presser bars, a supporting plate to which it is attached, and which is slotted at one side to receive the needle and presser



bars, and a securing device which holds them in removable position on the machine.

4. A sewing machine attachment comprising needle and presser bars and a removable  
5 oil absorbing device of greater length than the distance between the needle and presser bars and slotted at both ends in the direction of its length, and means for holding the same in position about the bars.

10 5. A sewing machine attachment comprising needle and presser bars and a removable oil absorbing device of greater length than the distance between the needle and presser bars and slotted at both ends in the direction  
15 of its length and means for holding the same in position about the bars, and a plate slotted at its ends to which the absorbing device is attached.

20 6. A sewing machine attachment comprising needle and presser bars and a supporting

device consisting of two plates which lie one above and the other below the presser and needle bar guide, and adjustable bars connecting them, and an oil absorbing device surrounding the presser and needle bars, and  
25 lying upon the lower plate of the supporting device.

7. A sewing machine attachment comprising needle and presser bars and an oil absorbing device of greater length than the  
30 distance between the needle and presser bars and slotted at both ends in the direction of its length, and means for holding the same in position about the bars comprising a supporting plate slotted at its sides and adapted  
35 to swing under the absorbing device.

MARIE J. EIDAM.

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