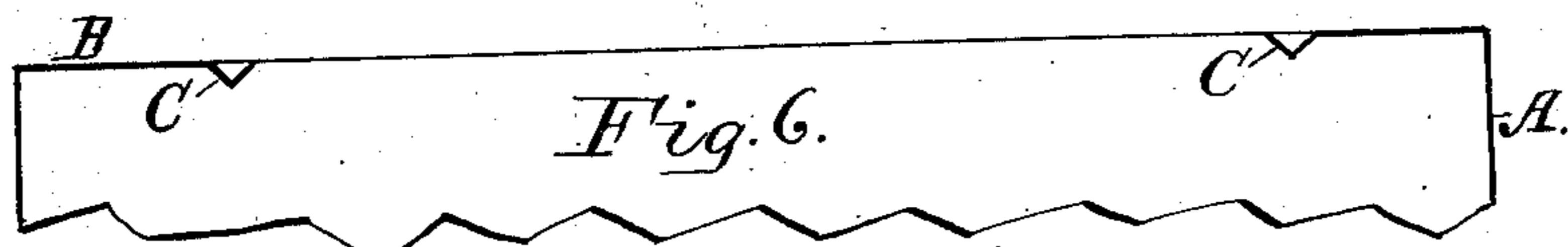
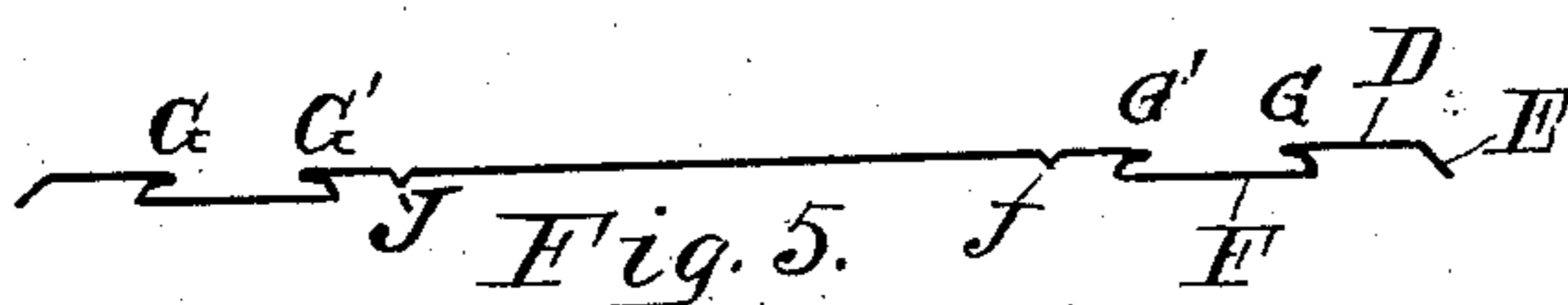
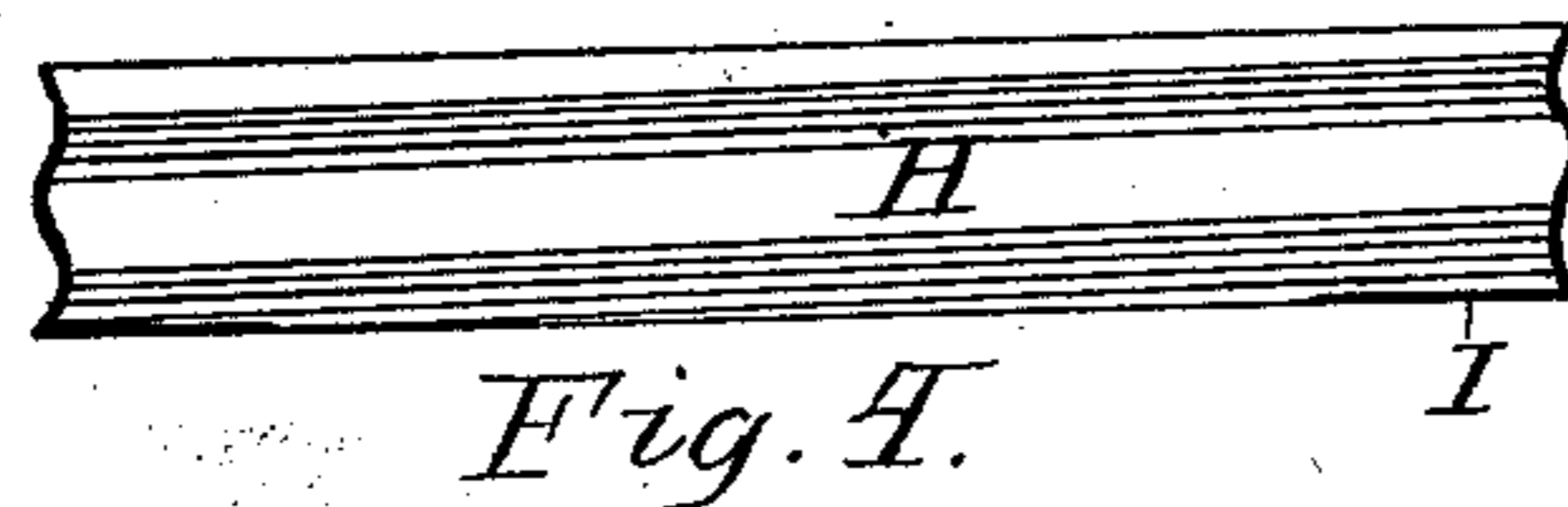
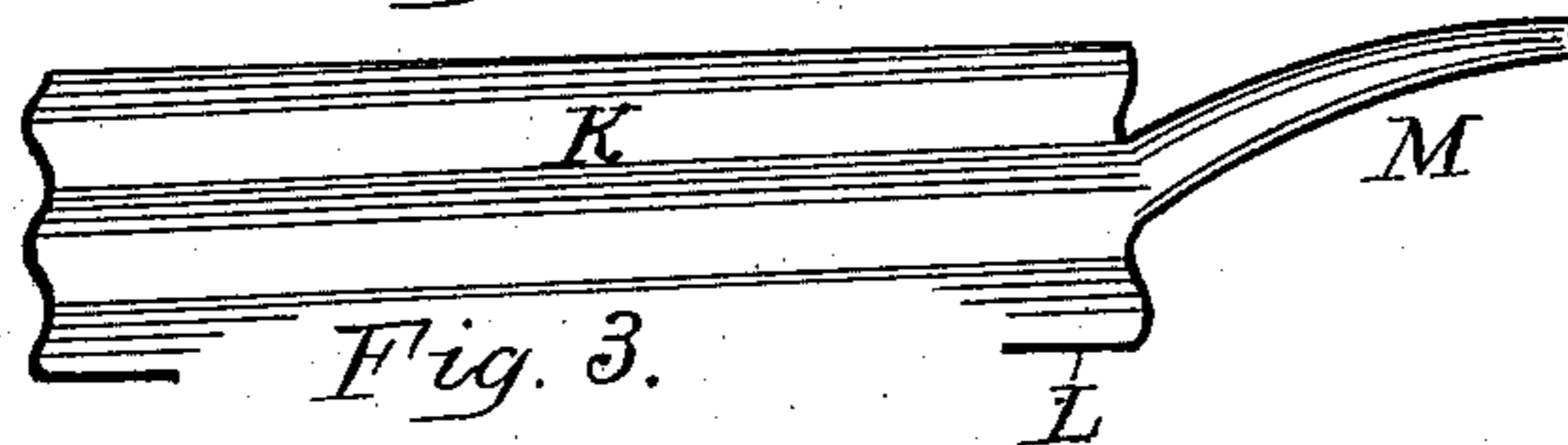
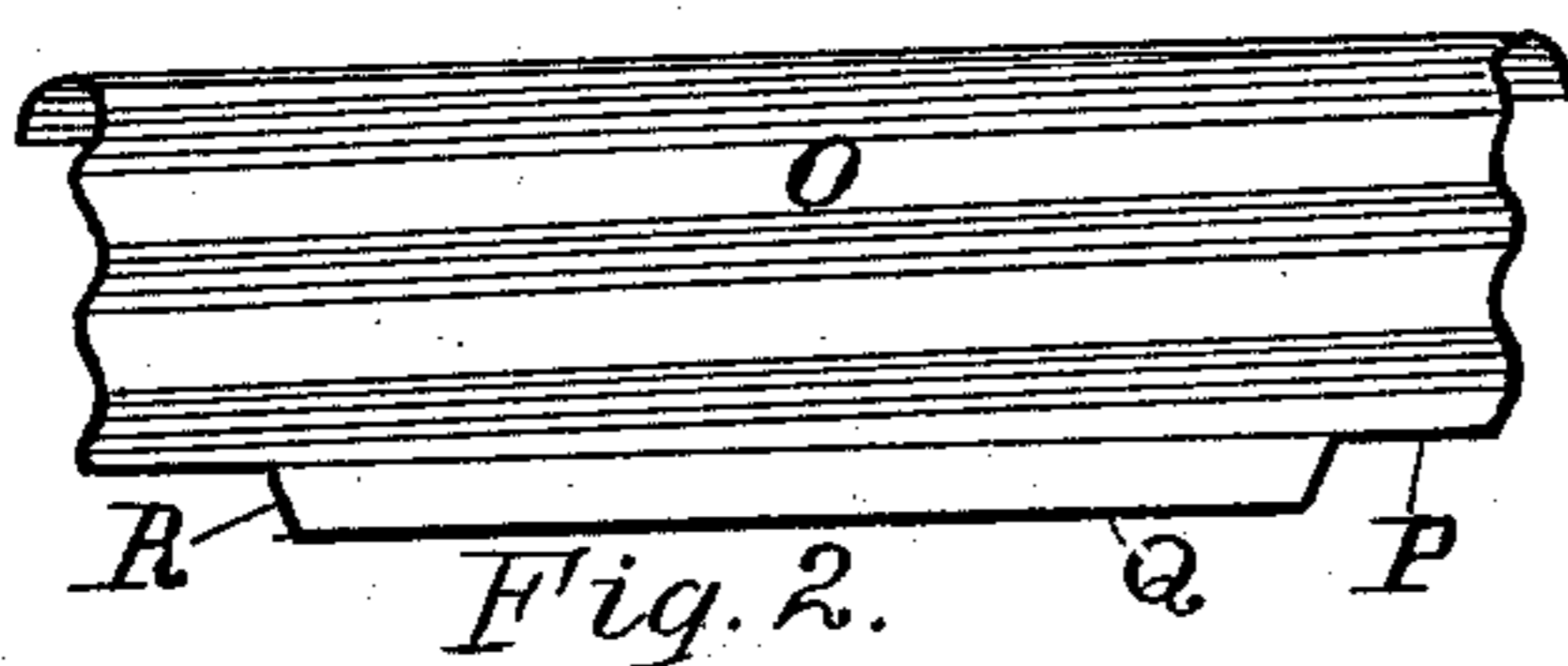
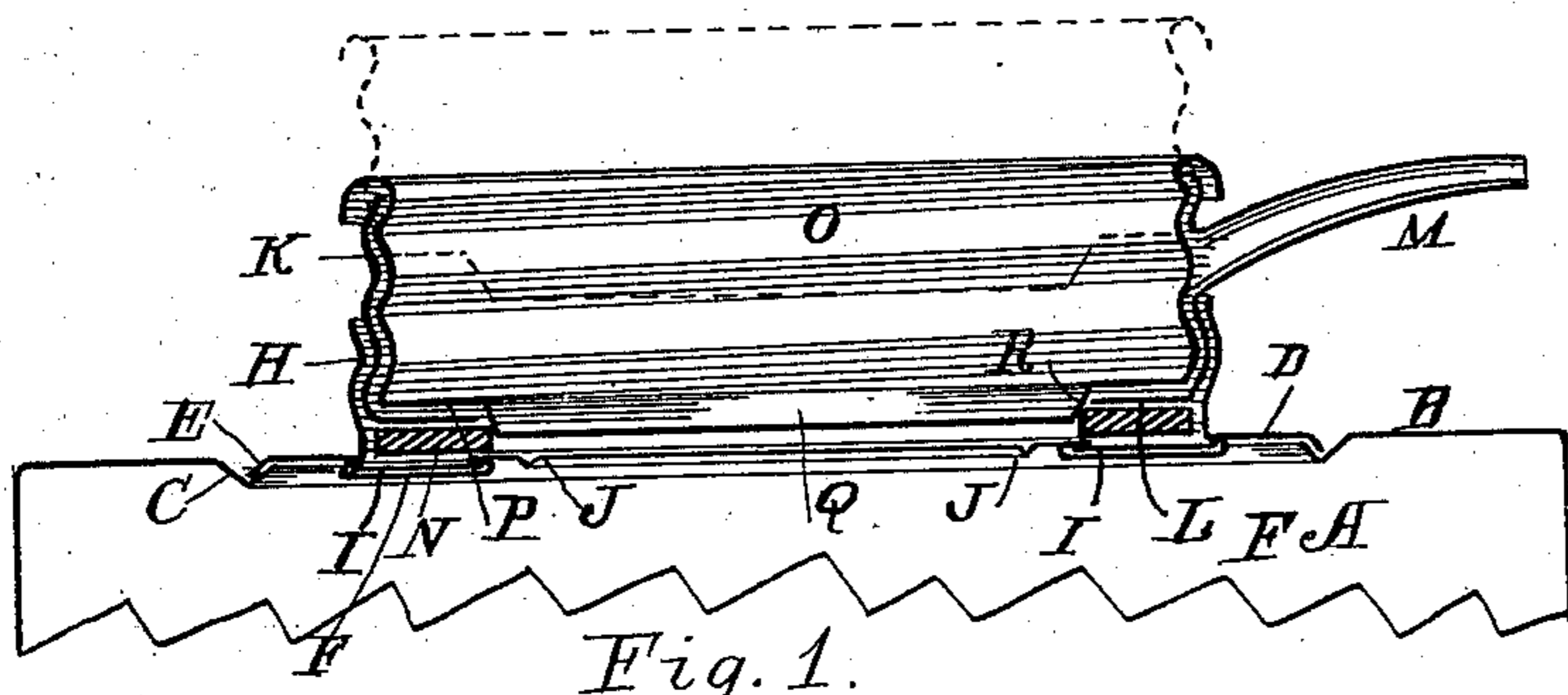


(No Model.)

R. MARSH.
DETACHABLE FAUCET.

No. 402,261.

Patented Apr. 30, 1889.



WITNESSES:

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By

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UNITED STATES PATENT OFFICE.

RIVERIUS MARSH, OF NEW BRUNSWICK, NEW JERSEY.

DETACHABLE FAUCET.

SPECIFICATION forming part of Letters Patent No. 402,261, dated April 30, 1889.

Application filed January 18, 1889. Serial No. 296,706. (No model.)

To all whom it may concern:

Be it known that I, RIVERIUS MARSH, of New Brunswick, in the county of Middlesex and State of New Jersey, have invented a new and useful Improvement in Detachable Faucets, which improvement is fully set forth in the following specification and accompanying drawings.

The invention relates to improvements in faucets parts of which are detachable from the can; and it consists in the construction and novel combination of parts hereinafter described, and pointed out in the claims.

Figure 1 of the drawings represents a central vertical section of the faucet attached to a can. Fig. 2 is a similar section of the screw-stopper. Fig. 3 is a similar section of the screw-spout sleeve. Fig. 4 is a similar section of the screw-base sleeve. Fig. 5 is a similar section of the base-disk, and Fig. 6 is a similar section of the upper part of a can.

Referring to the drawings by letter, A designates a can having a top plate, B, provided immediately around its central discharge-opening with a V-shaped circular groove, C.

D is the base-disk, having the inclined circumferential flange E to rest in the groove C, against the inner side thereof, (to which side it is soldered,) and the wide circular groove F, provided with the outer and inner overstanding edges, G G', respectively. The said base-disk is usually provided with a small circular groove, J, as a guide for cutting out its central opening before putting the base-disk in place.

H is the threaded base-sleeve, provided at its lower end with the inwardly-standing flange I, which enters the groove F, and the edges of which are overlapped by the edges G G' of said groove, so that the base-sleeve can be rotated upon the base-disk. The edges G G' are bent or spun over the edges of the flange I when putting the parts of the faucet together.

N is a circular gasket or washer, which overlies the flange I and the inner edge, G', of the groove F.

K is the threaded spout-sleeve, M the spout, and L an inwardly-standing flange on the lower end of said spout-sleeve. The flange L rests immediately upon the washer N when

the spout-sleeve is in place, but does not extend inward quite as far as said washer.

O is the threaded stopper, which is a sleeve with its upper edge bent outward and downward to rest upon the upper edge of the spout-sleeve and protect the latter, as shown in Fig. 1. The bottom of said stopper is closed, and consists of the outer portion, P, which seats itself upon the flange L of the spout-sleeve when the stopper is screwed in and the circular concentric depending inner portion, Q, connected with the portion P by the downwardly-tapered side R.

The can and other parts are all of suitable sheet metal. The spout-sleeve screws into the base-sleeve and the stopper screws into the spout-sleeve. Only the stopper, spout-sleeve, and washer are immediately removable; but the whole of the faucet (which includes also the base-sleeve) can be easily detached by unsoldering the base-disk. As the base-sleeve can rotate, as described, upon the base-disk, the spout when not in use can be turned over the top of the can and not be in the way. When the stopper is screwed outward till its bottom Q is above the spout M, the contents of the vessel—for example, milk—can easily escape from the spout. When the stopper is screwed in, the part P of its base presses the flange L of the spout-sleeve upon the washer N, which is in turn pressed upon the flange I of the base-sleeve and the inner edge, G', of the base-disk, while the inclined or tapered side R of its depending portion Q presses against the inner edge of the washer and causes the said edge to give till the said side R impinges against the inner edge of the flange L of the spout-sleeve. Thus all escape of liquid from the can is effectually prevented.

Having thus described my invention, I claim—

1. The combination, with the threaded spout-sleeve having an inwardly-standing flange at its lower end, of the threaded sleeve, a stopper provided with a base portion, P, to force said flange L down on an underlying annular washer, and with a central depending circular portion having a downwardly-tapered side to bind against and compress the inner edge of said washer till said side comes

in contact with the inner edge of the flange L, the said depending portion then closing the discharge-opening of the can to which the device is attached, substantially as specified.

5 2. The combination, with the base-sleeve attached to the top of a can, of the spout-sleeve screwing therein and having the flange L, the washer N, underlying said spout-sleeve, and the screw-stopper entering the spout-sleeve and provided with the flat base portion P and the depending circular base portion Q, having the downwardly-tapered side R, substantially as specified.

15 3. The combination, with the can and the base-disk D, attached thereto and provided with the circular groove F, having the overhanging edges G G', of the base-sleeve carrying the upper portions of the faucet and provided with the flange I, that rests and turns in the groove F, substantially as specified.

20 4. The combination, with the can, the base-

disk secured thereto and provided with the groove F, and the rotatory base-sleeve provided with the flange I, to enter and turn in the groove F, of the ring-washer N, lying on the flange I and on the inner edge, G', of groove F, the spout-sleeve screwing in the base-sleeve and provided with the flange L, that overlies the washer, and the stopper screwing in the spout-sleeve and provided with the base portions P and Q, the latter having a depending downwardly-tapered side, R, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand, this 17th day of January, 1889, in the presence of witnesses.

RIVERIUS MARSH.

Witnesses:

J. S. ZERBE,

J. S. ELKINS.