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PATENTED MAR. 31, 1908.

F. S. DAVIS.
FAUCET ATTACHMENT.
APPLICATION FILED OCT. 7, 1907.

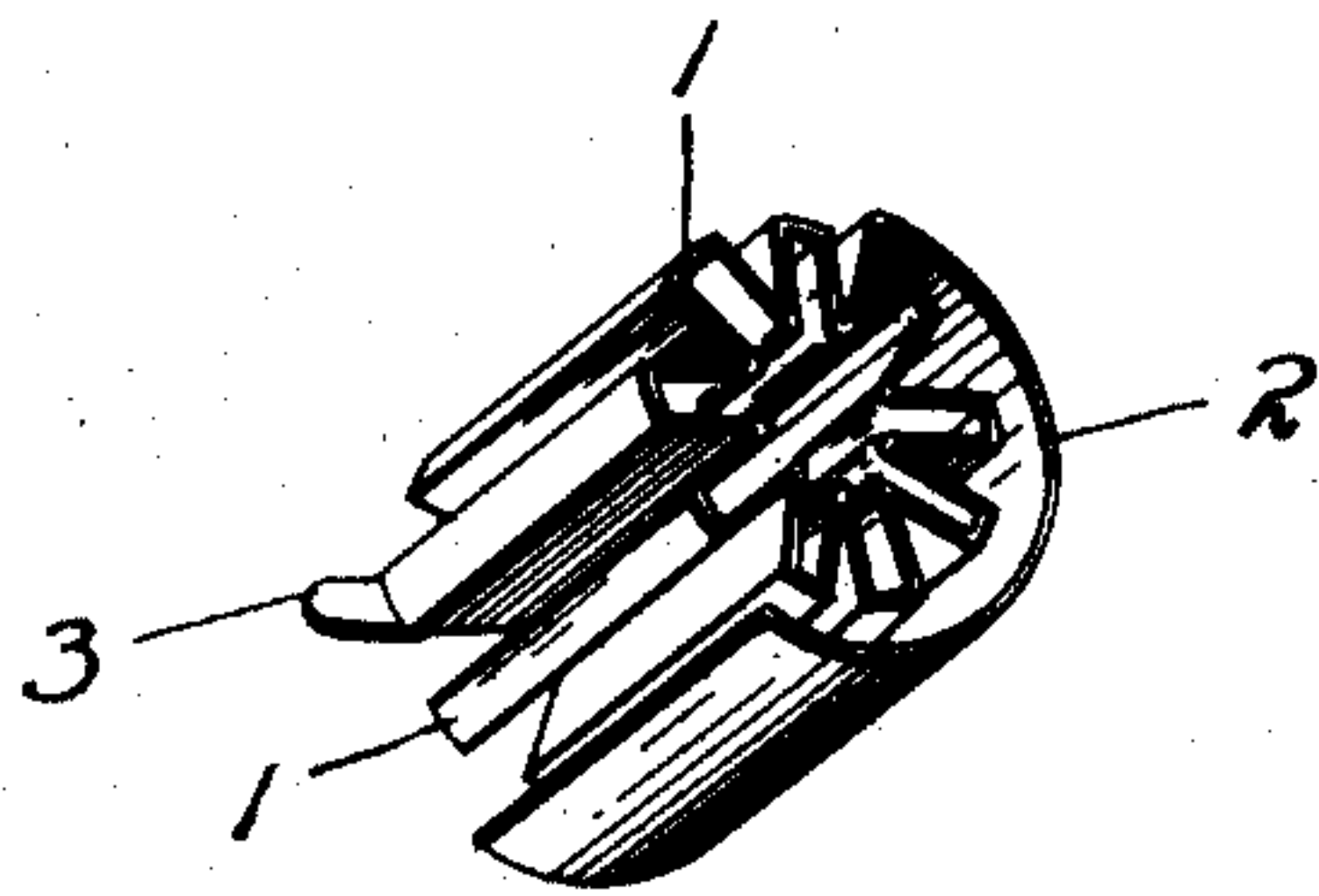
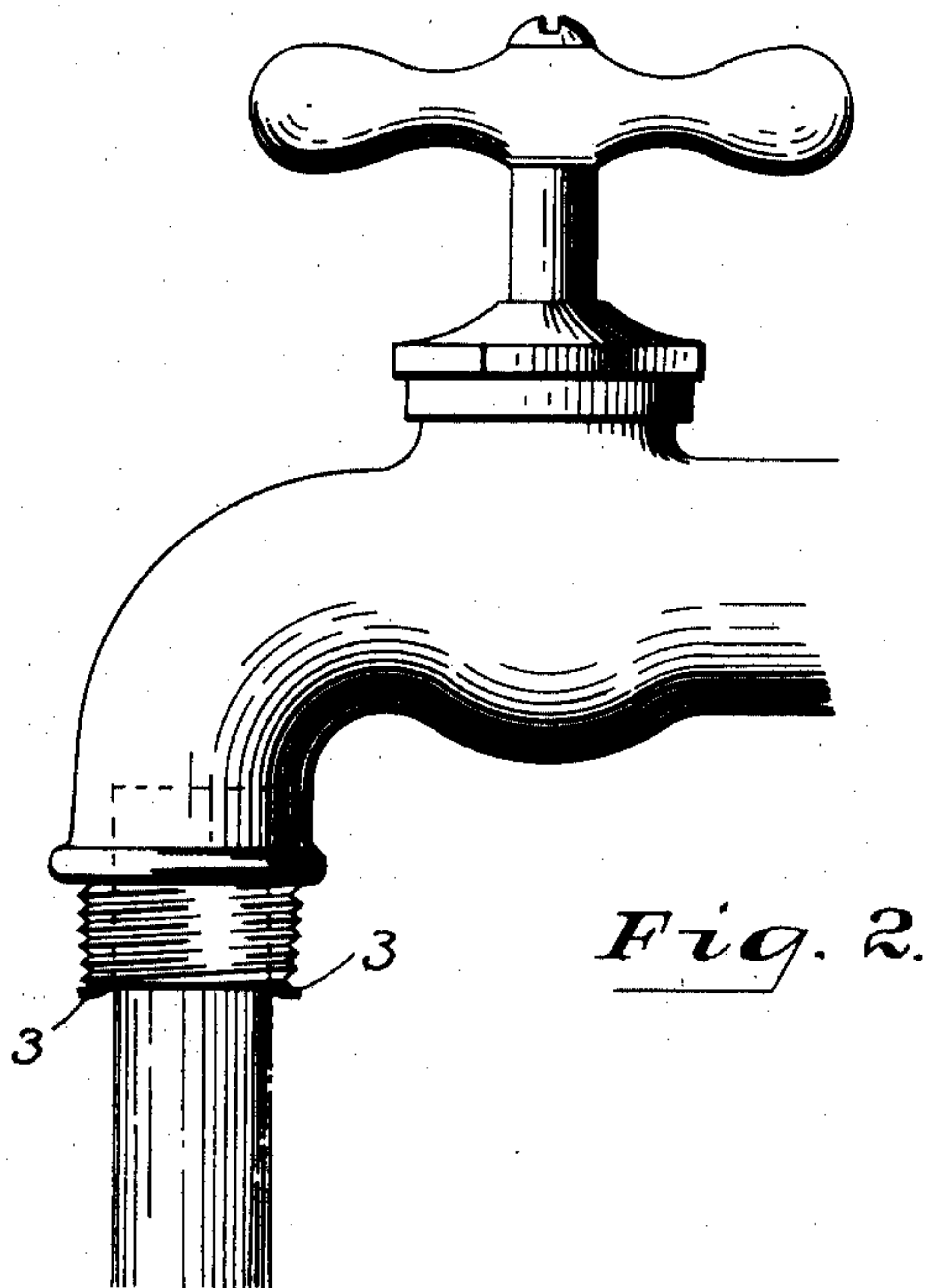


Fig. 1.

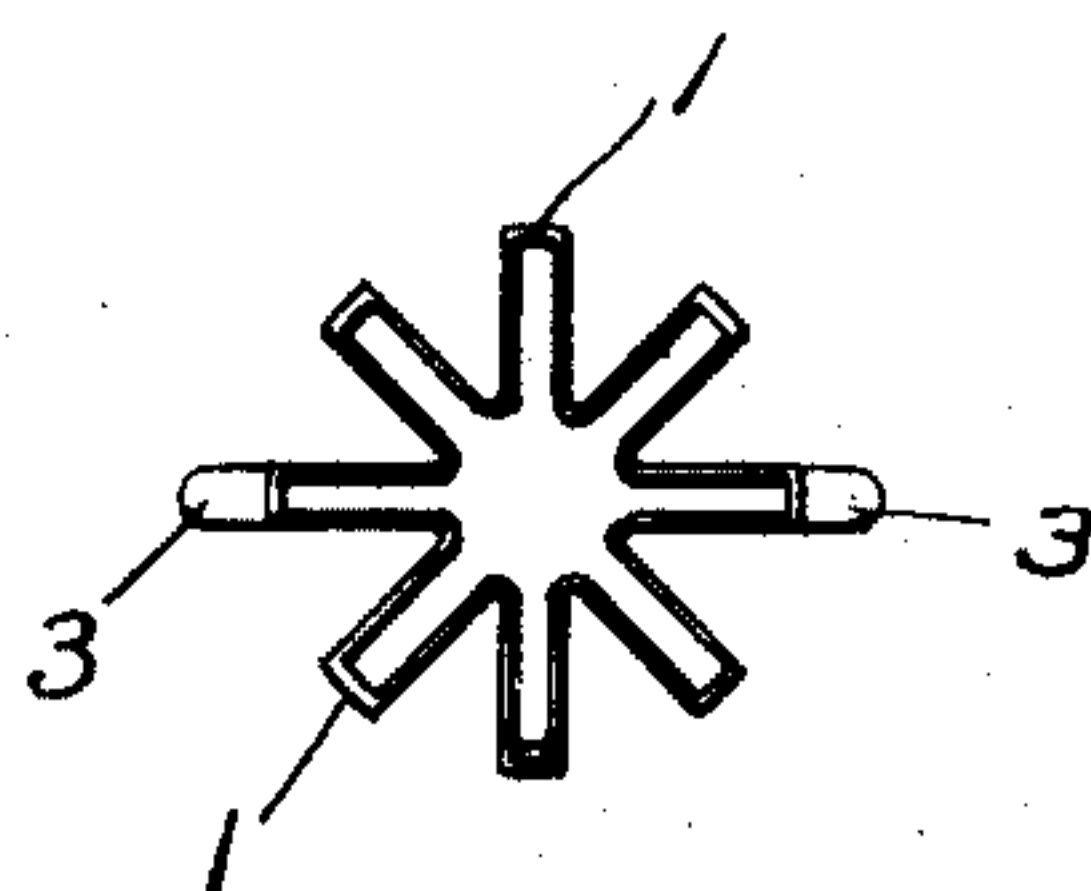



Fig. 3.

WITNESSES:

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FAUCET ATTACHMENT.

No. 883.176.

Specification of Letters Patent.

Patented March 31, 1908.

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To all whom it may concern:

Be it known that I, FRANK S. DAVIS, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Faucet Attachments, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to an attachment for a faucet and especially to a device which can be easily secured without tools to any form of stop-cock in ordinary domestic use and which obviates the splashing and 15 sprinkling usually incident to the discharge therefrom, without materially impeding the flow or causing back pressure in the faucet and connections.

20 The invention consists in the matters hereinafter set forth, and more particularly pointed out in the appended claims.

Referring to the drawings, Figure 1 is a view in perspective of a preferred form of the invention. Fig. 2 is a view in elevation of a 25 faucet with the attachment inserted. Fig. 3 is a view of the end of a modified form of the device.

As herein illustrated, a thin strip of spring metal, preferably non-corrosive, is folded 30 into a series of deep, transverse corrugations 1 for the major portion of its length, and this portion is bent into a closed, circular hoop, the end corrugations being either abutted or hooked into each other, and the 35 smooth portion 2 being bent in a segmental arm partially encircling the hoop.

In the modified form, the entire strip is corrugated and bent into a closed hoop.

40 Either form may be expanded or contracted by overlapping the ends with one, two or more pairs of corrugations engaged, so that the diameter of the attachment is slightly greater than the diameter of a faucet for which it is intended; by slightly compressing 45 it with the fingers, it may be readily pushed into place, and when released, it expands suf-

ficiently to retain its position. It is as easily removed for cleaning.

Two or more ears 3 may be formed on one edge of the strip, preferably by striking out 50 lugs thereon and turning them outwardly to prevent the pushing of the attachment too far into a faucet.

The division of the stream by the thin cross walls arrests its whirling, scattering 55 motion and causes it to issue in a solid quiet column which does not spatter or splash. The attachment does not impede the flow sufficiently to appreciably diminish the velocity of volume or to occasion back pres- 60 sure in the faucet or connections.

The device is readily made and is practically indestructible and adjustable to any ordinary form of water cock.

What I claim as my invention is:—

65 1. A faucet attachment consisting of a flat spring metal strip provided with a plurality of transverse corrugations and bent into a hoop, the folds of the opposite ends of the corrugated portion being adapted to be 70 adjustably interlocked whereby the diameter of the hoop may be changed, and the hoop being adapted to be compressed within and frictionally engage the mouth of a faucet. 75

2. A faucet attachment consisting of a flat spring metal strip provided with a plurality of deep transverse corrugations for a portion of its length and bent into a closed 80 hoop with the end corrugations adjustably interlocked in a smooth lap joint and with the smooth portion of the strip bent into a segmental spring arm partially encircling the hoop, the whole being adapted to be secured in the mouth of a faucet by frictional 85 engagement therewith.

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

FRANK S. DAVIS.

Witnesses:

C. R. STICKNEY,

OTTO F. BARTHEL.