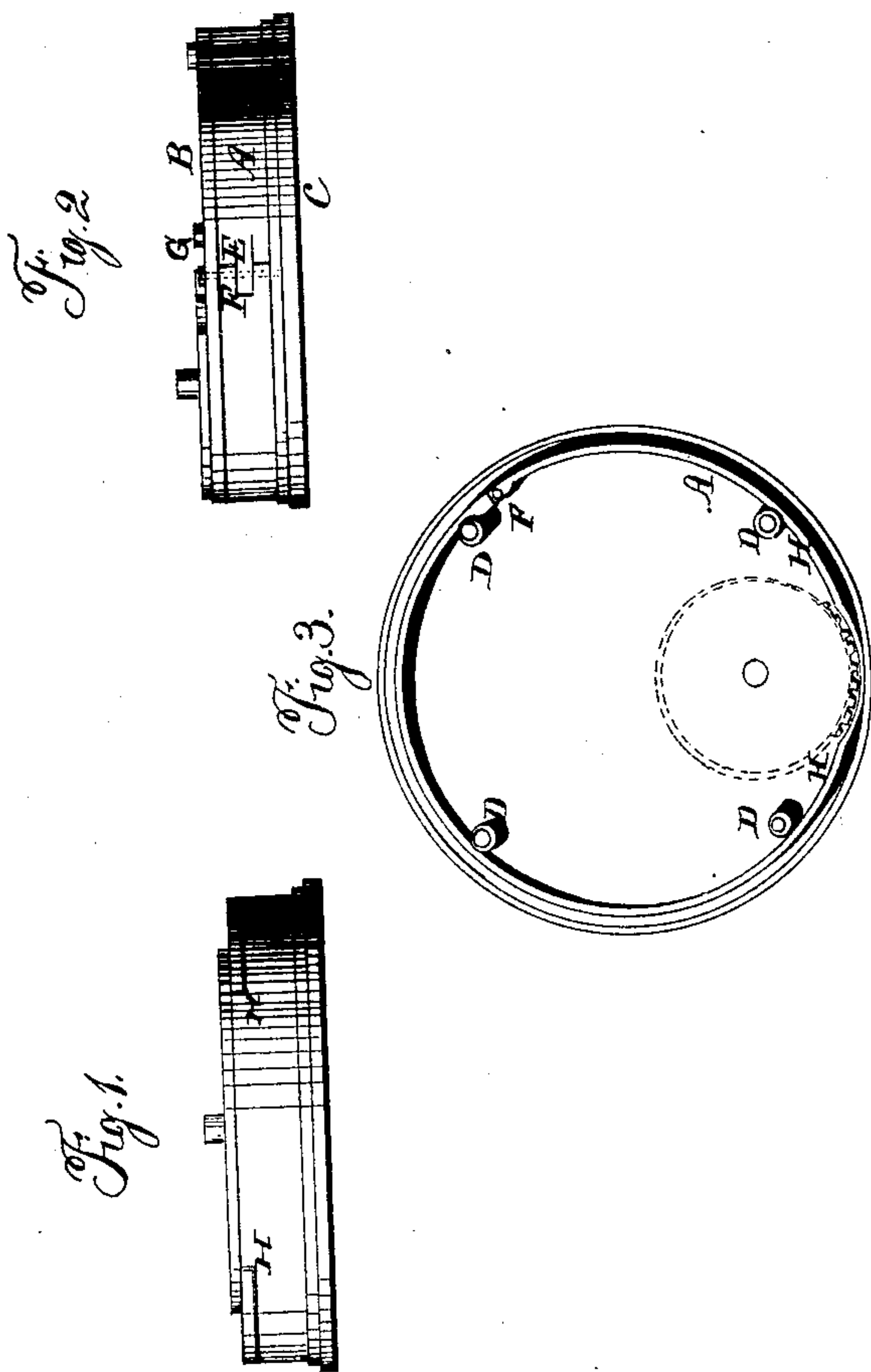


J. H. FLYNT.
Watch Dust-Cap.

No. 102,527.

Patented May 3, 1870.



Witnesses:
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JAMES H. FLYNT, OF SOUTH BEND, INDIANA.

Letters Patent No. 102,527, dated May 3, 1870.

IMPROVEMENT IN DUST-RING FOR WATCH-FRAMES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES H. FLYNT, of South Bend, in the county of St. Joseph and State of Indiana, have invented a new and improved Dust-Ring for Watch-Movements; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in the construction and arrangement of dust-rings for watch-movements.

It consists in the arrangement for fastening the ends at the joint by the movement-screw, and the manner of fitting it between the plates and against the pillars, and to the recesses in the upper plate under the barrel-bridge, all as hereinafter specified.

Figure 1 represents a side elevation of a movement provided with my improved dust-ring, showing the arrangement of the same opposite the barrel.

Figure 2 represents another side elevation, showing the arrangement of the joint; and

Figure 3 represents a horizontal section of the same.

Similar letters of reference indicate corresponding parts.

A represents the ring, which I fit snugly in between the two plates B and C, so as to rest against the pillars D.

I make the ends thicker than the other parts for the reception of the holding-screw, and provide a

tongue, E, on one, fitting a recess, F, in the other, and this joint I arrange at the proper place to be held by the movement-screw G, or another screw may be used.

In order to prevent the springing of the ring at the barrel against the same, or the springing of it elsewhere to draw it in at that point, I provide a projection, H, in the upper edge, rising into the recess in the upper plate under the barrel-bridge. The points between the ends of this projection and the upper plate being on radial lines, prevent the ring from springing inward, whether encountering pressure here or elsewhere.

At this point, also, I curve the ring outward, as represented in fig. 3, to make room for the barrel.

It will be observed that this ring may be removed readily by taking out the screw G.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The unbroken dust-ring A, having projection E and recess F thereon, combined with a screw G to fasten it between the plates B C, in the manner described.

2. A dust-ring for watch-frames, having a raised projection, H, on the edge thereof, to prevent it from being sprung against the main wheel, in the manner described.

JAMES H. FLYNT.

Witnesses:

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