

(No Model.)

M. W. CLARK.

SPRING BLOCK.

No. 395,545.

Patented Jan. 1, 1889.

Fig. 1.

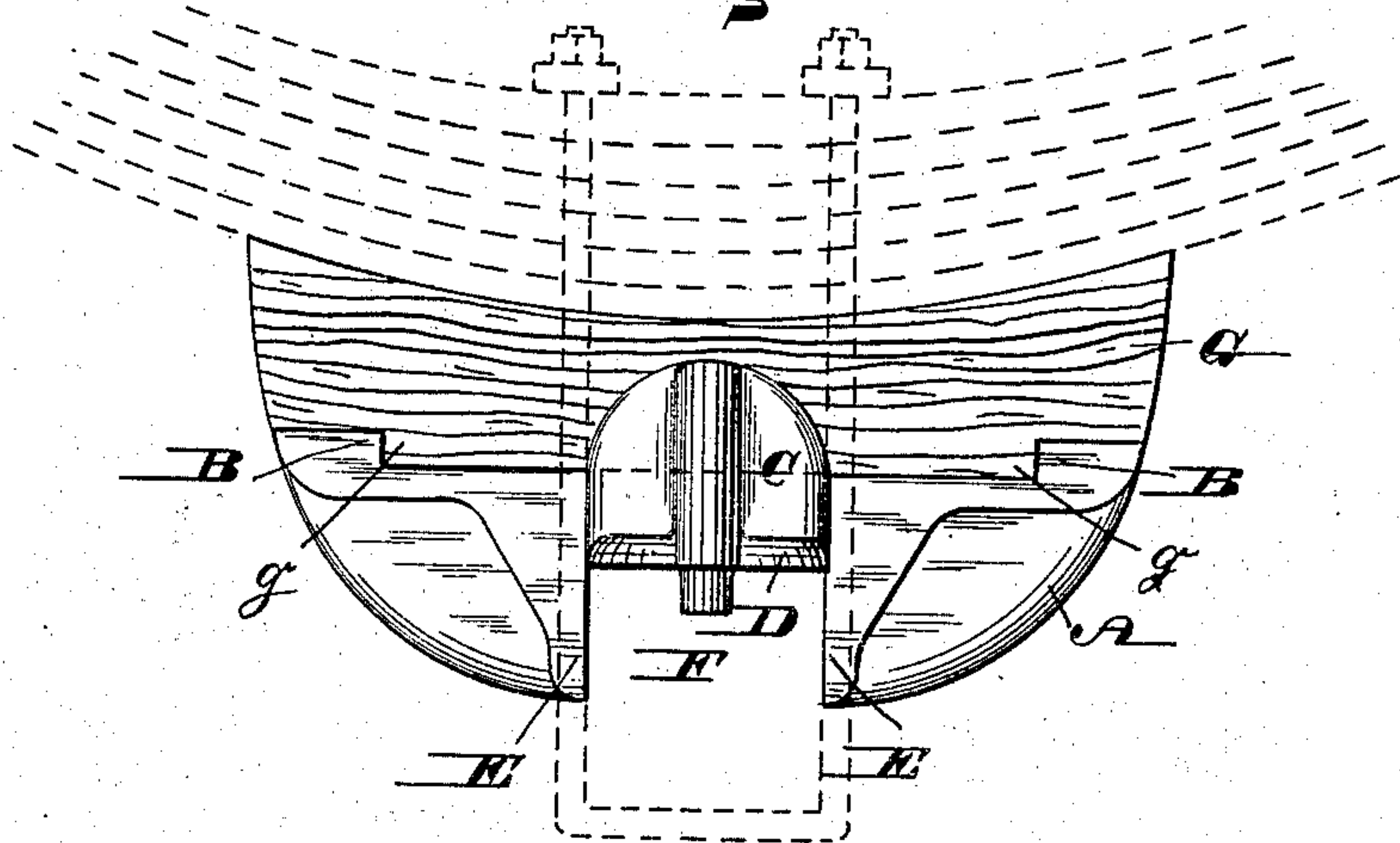


Fig. 2.

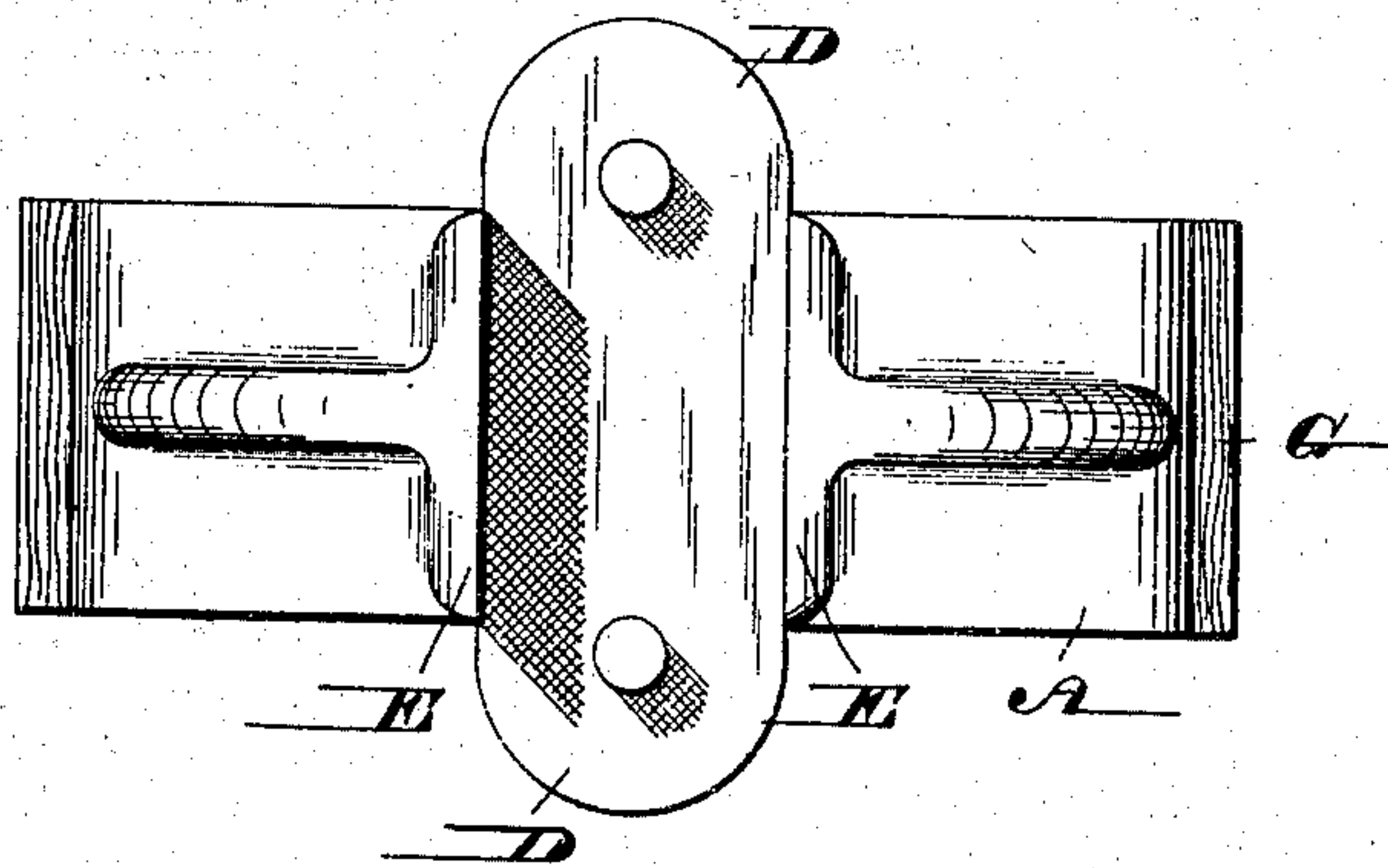
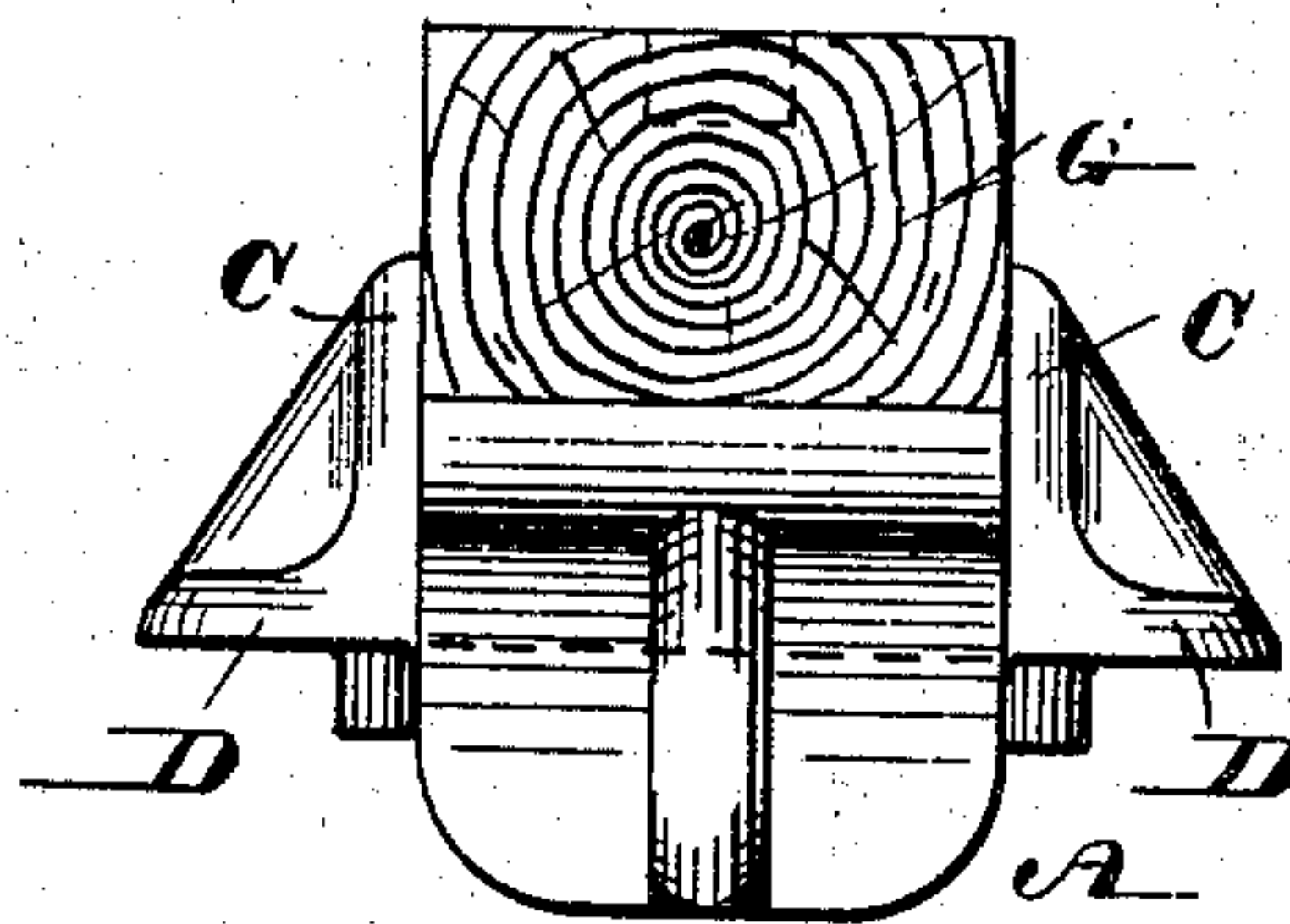


Fig. 3.



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SPRING-BLOCK.

SPECIFICATION forming part of Letters Patent No. 395,545, dated January 1, 1889.

Application filed September 15, 1888. Serial No. 285,454. (No model.)

To all whom it may concern:

Be it known that I, MORRIS W. CLARK, a citizen of the United States, residing in the city and county of Camden, State of New Jersey, have invented a new and useful Improvement in Spring-Blocks, which improvement is fully set forth in the following specification and accompanying drawings.

My invention relates to improvements in spring-blocks; and it consists of a casting on which the block rests, having shoulders which engage with shoulders on the block, and thereby form a rabbet or dovetail joint between the block and casting to retain said block firmly to the casting.

It further consists of a casting provided with a recess or socket on its under side to receive the axle.

It further consists of a casting having lateral wings adapted to rest on the upper face of the axle and form a firm support for the block and spring.

It further consists of a casting provided with vertical flanges which rest against the sides of the spring-block and retain the same from lateral movement.

Figure 1 represents a side elevation of a spring-block embodying my invention. Fig. 2 represents a bottom view of the casting detached. Fig. 3 represents an end view of the device.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates a casting, which is formed with the shoulders B, the vertical flanges C, the lateral wings D, and the depending flanges E, which latter form a recess, F, to receive the axle. The shoulders B on the upper face of the casting are adapted to form a rabbet or dovetail joint with the shoulders *g* on the spring-supporting block G. The vertical flanges C of the casting embrace the sides of the block G. The

lateral wings D rest on the upper face of the axle, thus broadening the bearing of the casting and firmly supporting it on the axle, as is evident.

From this construction it will be seen that I produce a strong and durable spring-block, and also provide a metallic bed for supporting the spring on the axle, and further increase the bearing-surface of the block on the axle; it also being seen that a wooden block is supported its entire dimensions on the casting, forming a cushion between the casting and spring, thus relieving the fastening-nuts, the threaded ends of the yokes engaging with the same when the springs are subjected to severe strain.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A spring-block casting having the transverse shoulders B on its upper face and the vertical side flanges, C, said side flanges being integral with said block and rising above the said upper face, substantially as described.

2. A spring-block casting having the transverse shoulders B on its upper face and the upwardly-projecting flanges C on its sides, the depending flanges E, and lateral wings D, extending beyond the sides of the flanges, said flanges E and wings D forming the recess F, substantially as and for the purpose set forth.

3. A spring-block casting having the vertical flanges for embracing the sides of the block to prevent lateral movement thereof, the lateral wings adjacent to the vertical flanges for supporting the casting on the axle, and the depending flanges providing a recess to receive the axle, all arranged substantially as described.

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