

T. F. ALLYN.

Car Spring.

No. 68,143.

Patented Aug. 27, 1867.

Fig. 2.

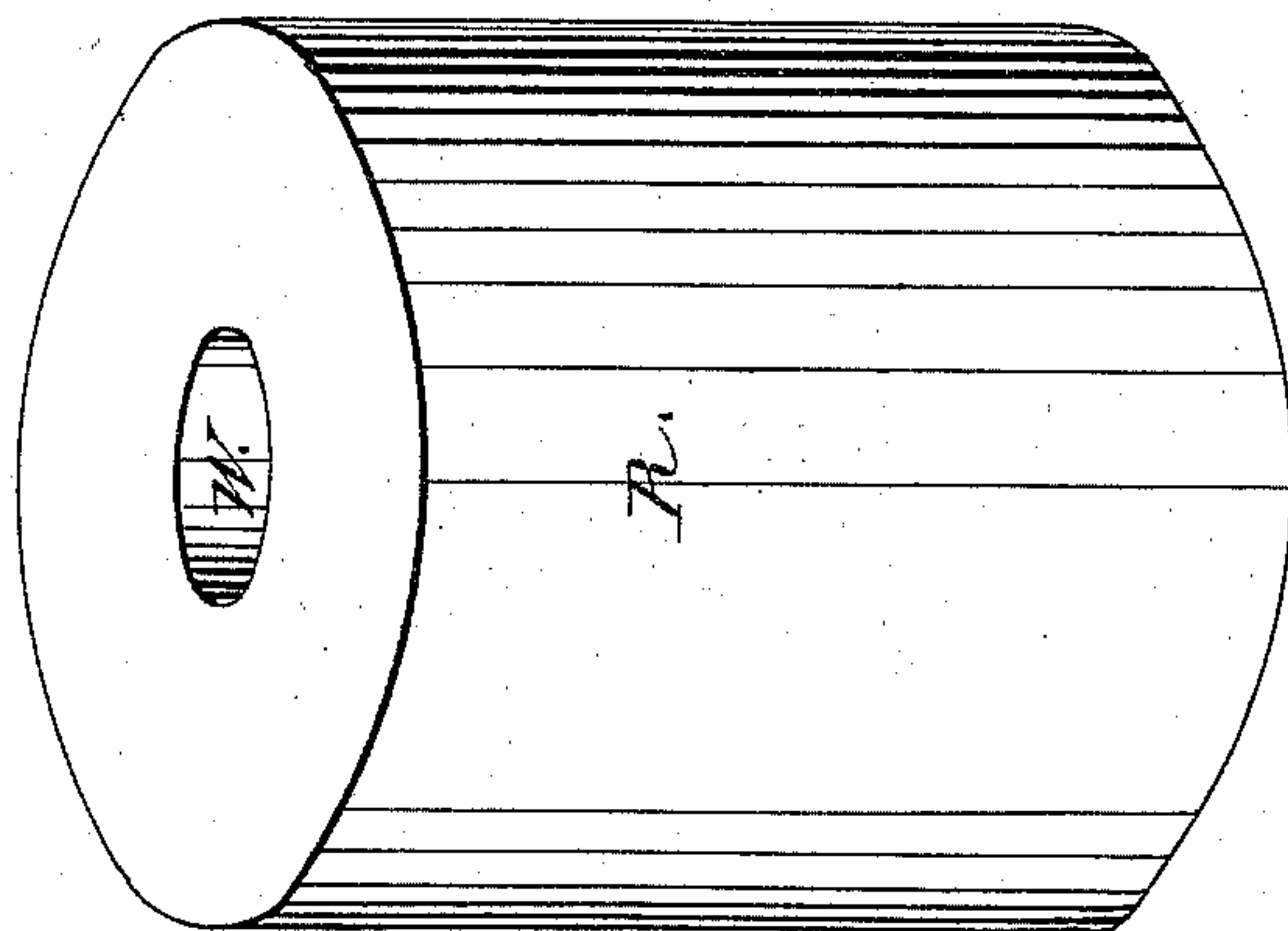
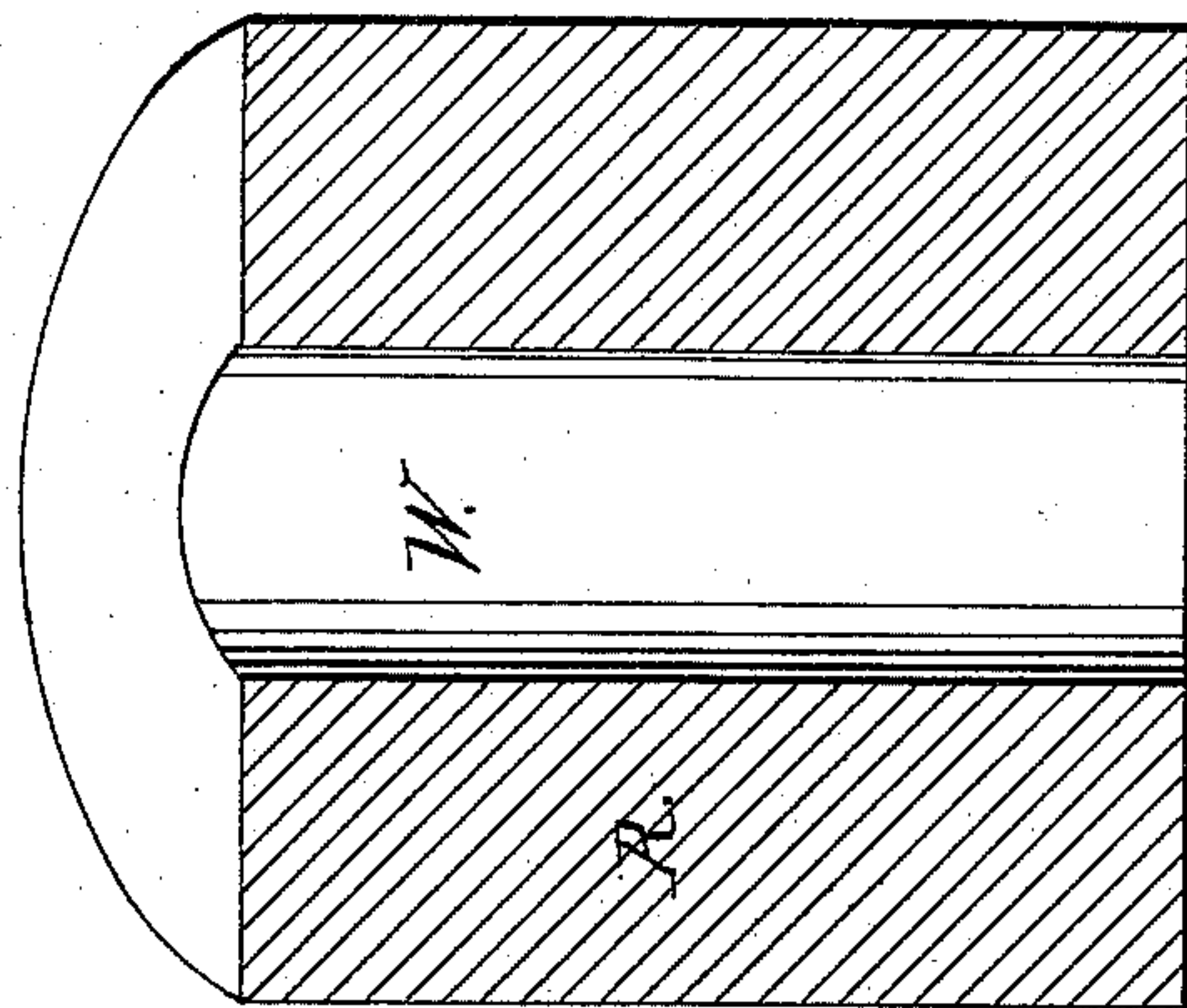


Fig. 1.



Witnesses:

O. O. Allen
John Clarys

Inventor:

T. F. Allyn

United States Patent Office.

T. F. ALLYN, OF NYACK, NEW YORK.

Letters Patent No. 68,143, dated August 27, 1867.

IMPROVED CAR-SPRINGS.

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, T. F. ALLYN, of Nyack, in the county of Rockland, and State of New York, have invented a new and improved Buffer or Car-Spring; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification.

Figure 1 is a vertical section of my spring.

Figure 2 is a perspective view of the same.

The nature of my invention consists in compressing wool or woollen bobbin into the aperture or hole which may be made in a rubber spring, thereby forming a combination which increases, to a great extent, the resisting and sustaining power of the spring.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I compress wool or woollen bobbin into the hole which is made in the spring, and with this combination I produce a spring at less expense and more durable than the rubber spring without the aid of wool or bobbin.

It will be seen that the two materials, or any similar or known material combined with rubber in the manner before stated, will act together, and that the woollen bobbin will resist a greater pressure than rubber without being fractured or injured, as is frequently the case with the rubber springs alone. I apply my spring in the same manner which ordinary rubber springs are applied.

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

A car-spring constructed of wool and rubber, combined as described and set forth in my specification.

T. F. ALLYN.

Witnesses:

B. F. JAMES,

A. MOORE.