

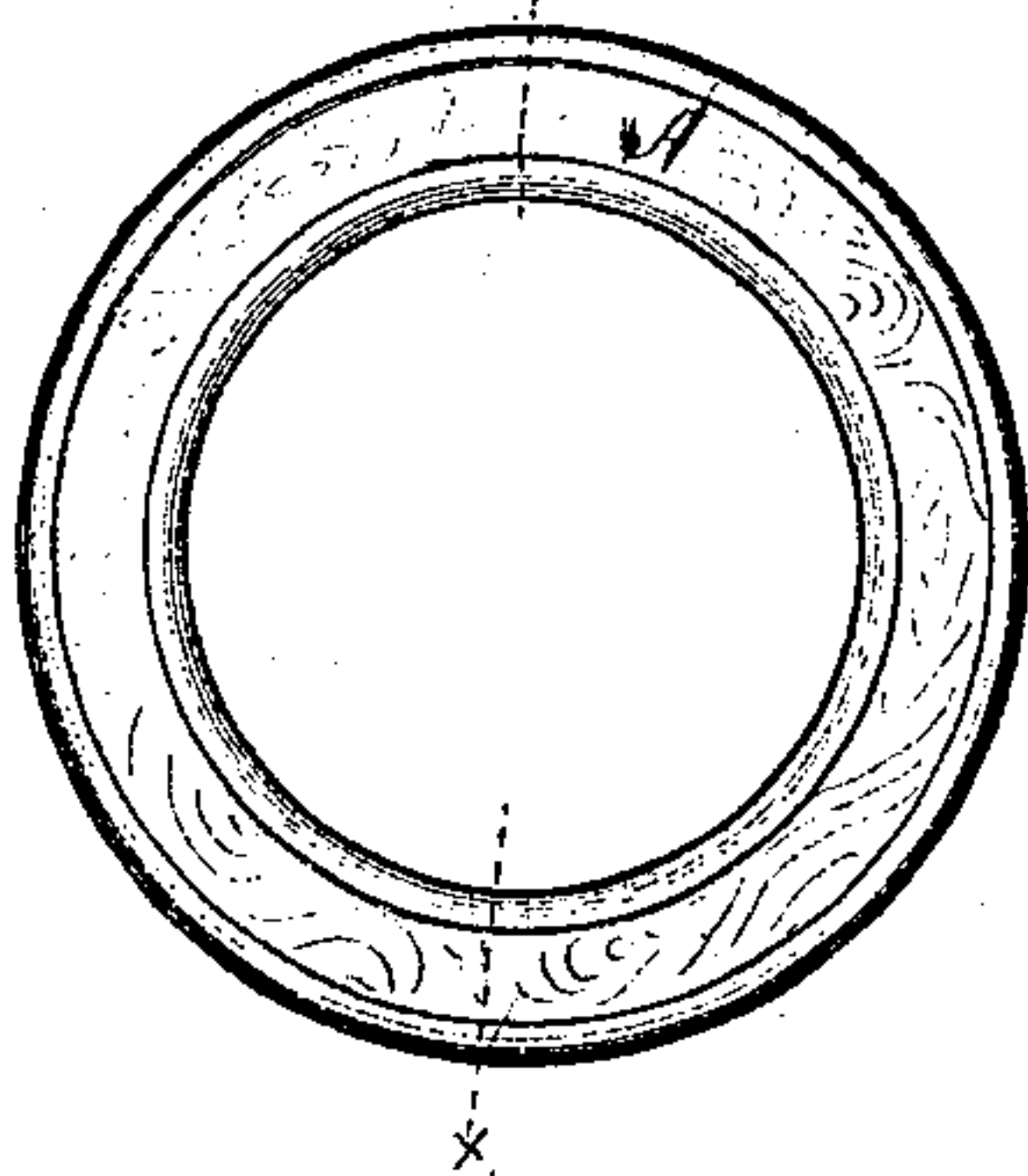
*W. F. Gilbert,*

*Martingale Ring.*

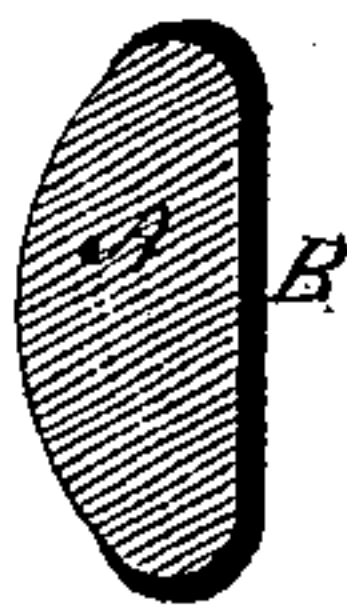
*No. 96,690.*

*Patented Nov. 9. 1869.*

*Fig. 1.*



*Fig. 2.*



*Witnesses*  
*Michael Ryan*  
*A. J. Lebbitz*

*W. F. Gilbert*  
*Inventor*  
*By his Attorney.*  
*W. E. Earle*

# United States Patent Office.

WILLIAM F. GILBERT, OF BIRMINGHAM, CONNECTICUT.

Letters Patent No. 96,690, dated November 9, 1869.

## IMPROVED MARTINGALE-RING.

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, WILLIAM F. GILBERT, of Birmingham, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Martingale-Rings; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a front view, and in

Figure 2, a transverse section, on line *x x*.

This invention relates to an improvement in martingale-rings, the object being the production of a strong ring, neat in its appearance, and at a small cost; and consists in forming a ring from wood, or other cheap material, to give form and shape to the ring, then applying to such ring a flat ring of sheet-metal, the width of the ring of metal being but little more than that of the ring of wood, that is to say, the internal diameter of the metal ring is less than that of the wood, and the outer diameter more than that of the wood.

This ring of metal I "spin" on to the wood, so that the inner edge of the metal ring will be turned over on to the inner surface of the ring, and the outer edge over the outer surface, so as to close upon the ring of wood, exposing but part of the wood.

In order to the clear understanding of my invention, I will fully describe the same, as illustrated in the accompanying drawings.

A is a ring, formed from wood, leather, or other suitable material.

B is a ring, of sheet-metal, formed so that the internal diameter will be less than that of the principal ring, and the outer diameter greater than that of the principal ring. Then, in a common spinning-apparatus, I turn the metal down over the wood, so that it will cover one side of both edges, as seen in fig. 2, exposing the other side.

This construction produces a very strong ring, and one extremely cheap and light, inasmuch as the material of the body of the ring, which is employed to give an apparent solidity to the ring, is of very little cost; and the metal may be very light, and still possess all the strength requisite for martingale-rings.

What I claim, as my invention, is—

Martingale-rings, as an article of manufacture, the body of which is formed from wood or other material, enclosed by a sheet-metal ring, substantially as set forth.

WM. F. GILBERT.

Witnesses:

A. J. TIBBITS,  
MICHAEL RYAN.