

J. S. FURTARDO.
 THREAD GUIDE FOR SPINNING MACHINES.
 APPLICATION FILED SEPT. 9, 1910.

990,724.

Patented Apr. 25, 1911.

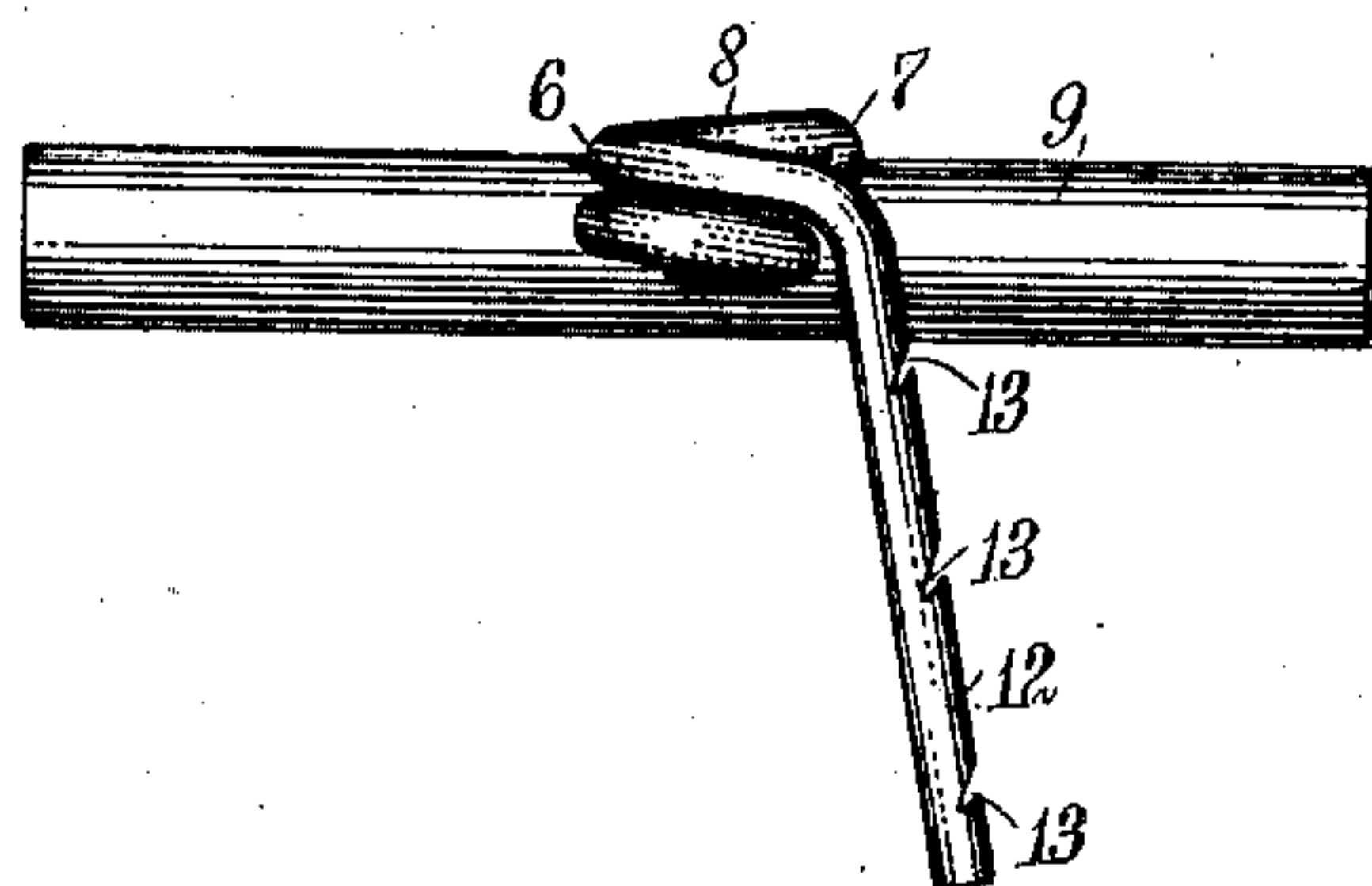


Fig. 1.

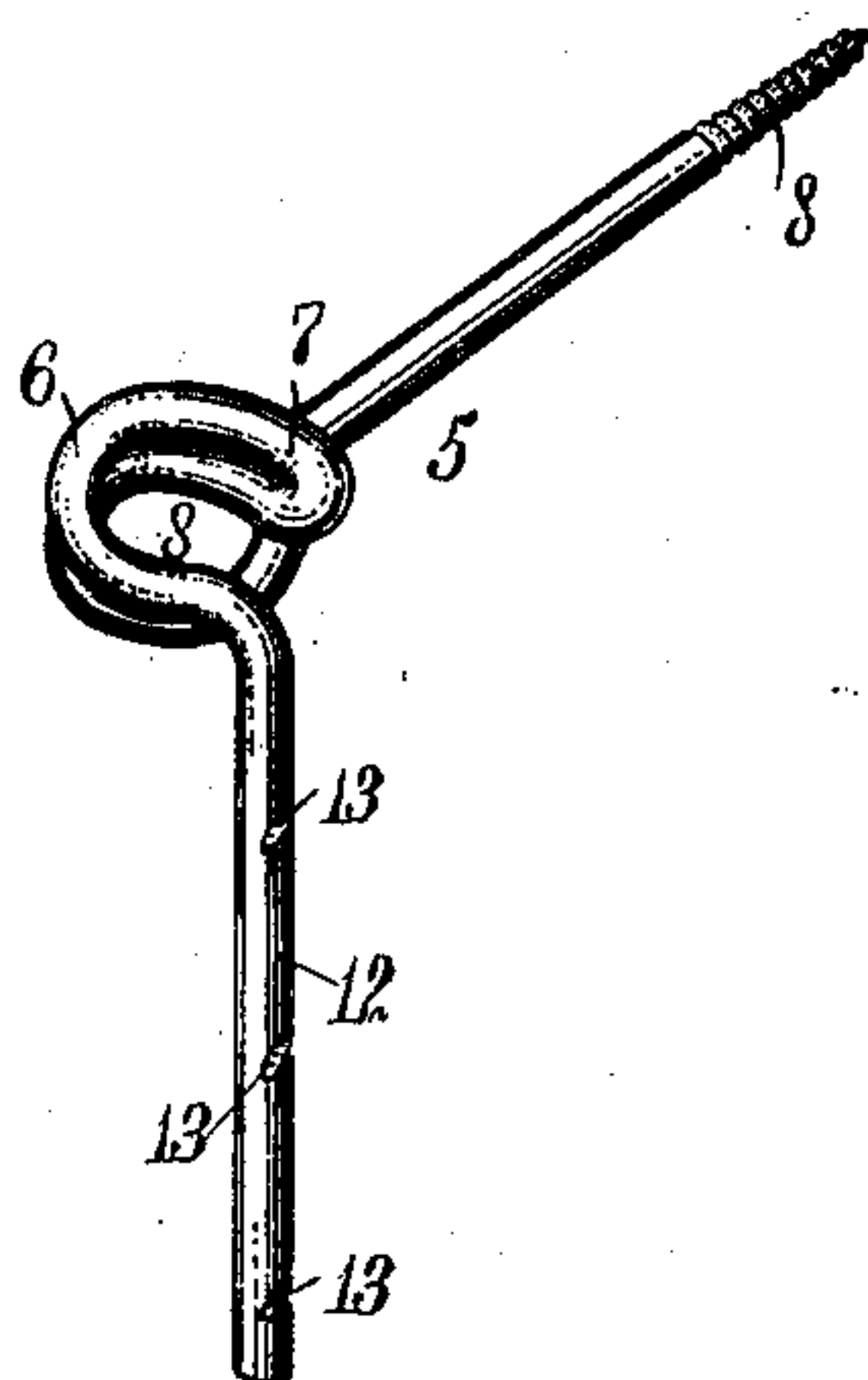
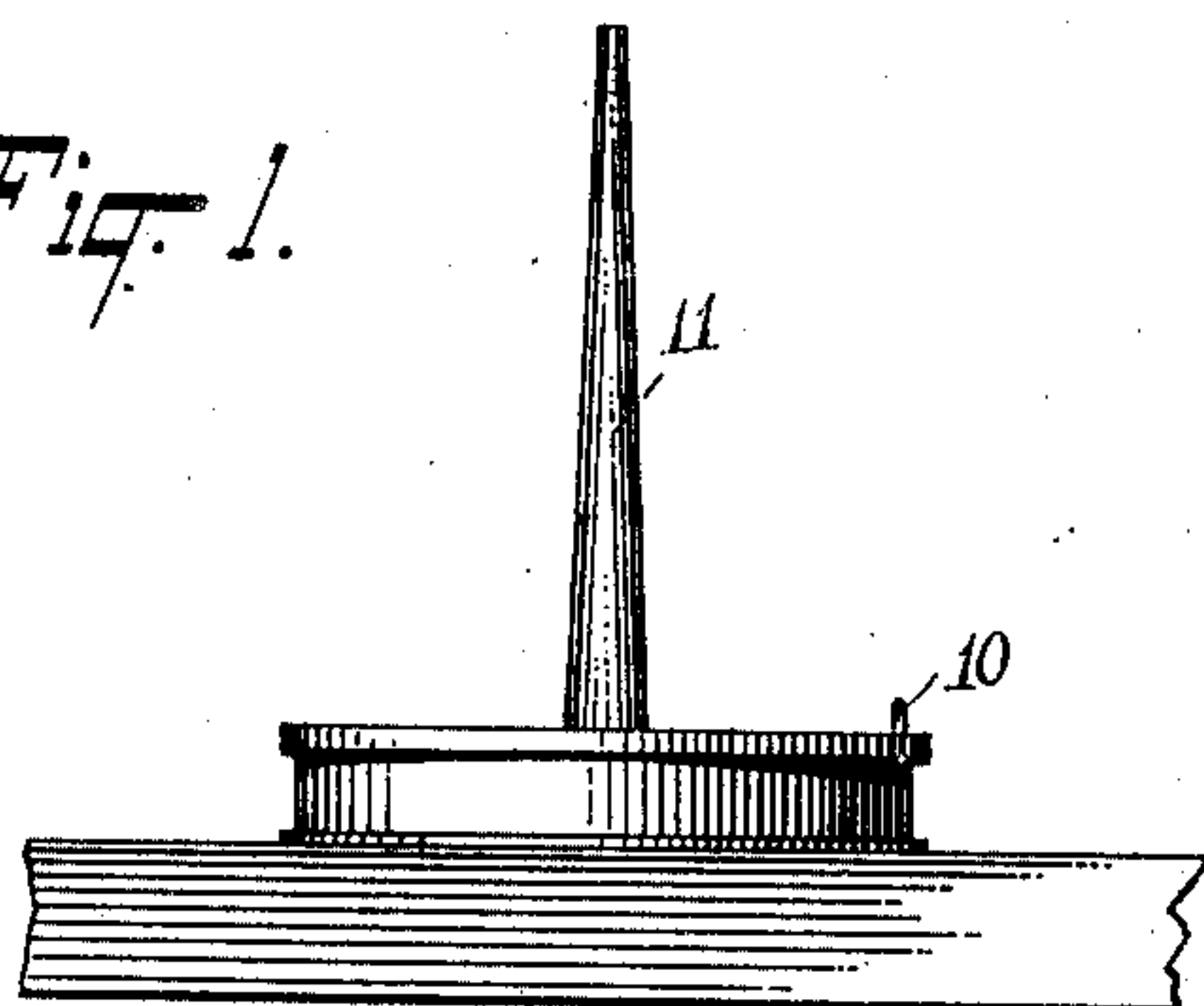


Fig. 3.

Fig. 2.

WITNESSES:

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THREAD-GUIDE FOR SPINNING-MACHINES.

990,724.

Specification of Letters Patent.

Patented Apr. 25, 1911.

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To all whom it may concern:

Be it known that I, JOHN S. FURTARDO, a citizen of the United States, and a resident of New Bedford, in the county of Bristol and State of Massachusetts, have invented a new and Improved Thread-Guide for Spinning-Machines, of which the following is a full, clear, and exact description.

My invention relates to thread guides for spinning machines and it has for its object to provide one which will permit the thread to be readily disposed through the eye of the guide, there being a plurality of slots on the separator finger which are adapted to catch the thread when the traveler breaks, the slots being also adapted to stop the yarn from whipping, to cause the single yarn to break; to cause the double yarn to break; to stop snarls, and also to cause the thread to break if the traveler is too light.

Still other objects of the invention will appear in the following complete description in which I will describe the preferred form of my invention.

In the drawings similar reference characters refer to similar parts in all the views, in which—

Figure 1 is an elevation showing a portion of a spinning frame in which my guide is used; Fig. 2 is a perspective view of my improved guide; and Fig. 3 is a side elevation of the guide.

By referring to the drawings it will be seen that an elongated member 5 is provided, the central portion 6 of which is bent to form a terminal 7, this terminal 7 being bent to form the eye 8, through which the thread passes. There is a thread in one end of this elongated member 5 which is adapted to be disposed in an orifice in the guide board 9. The other end of the elongated member serves as a separator finger 12, in which there is a plurality of notches 13. The separator finger 12 is disposed downwardly as will be seen by referring to Fig. 1 of the drawings, the thread passing down-

wardly through the eye 8, to the traveler or ring 10, and from thence to the spindle 11 in a manner which will be understood by those familiar with the art. When the yarn travels through the eye 8 in normal condition the separator finger will not perform any function, but as soon as the yarn becomes snarled or travels through the eye 8 in any abnormal state it will be engaged by the separator finger 12. It will be observed that as my thread guide is constructed the yarn may be readily inserted through the eye 8 by passing it under the terminal 7, forming a part of the said eye 8. With this construction it is unnecessary to break the yarn in order to remove it from the eye 8 or replace it to the eye 8.

Having thus described my invention I claim as new and desire to secure by Letters Patent:

1. In a thread guide for spinning machines, an elongated member, the central portion of which is bent to form a central terminal which is in turn bent to form an eye, the ends of the member being disposed at an angle to each other, one end of the member being adapted to be secured to a guide board, the other end of the member extending to form a separator finger, there being a slot in the separator finger.

2. In a thread guide for spinning machines an elongated member the central portion of which is bent to form a terminal which is in turn bent to form an eye, one end of the member being adapted to be secured to a guide board, and the other end of the member extending to form a separator finger.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN SYLVIA FURTARDO.

Witnesses:

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