No. 623,083. Patented Apr. 11, 1899.

E. W. HOUGHTON.

MARKER FOR SLIVER CANS.

(Application filed Dec. 19, 1898.)

(No Model.)

Fig. 1.

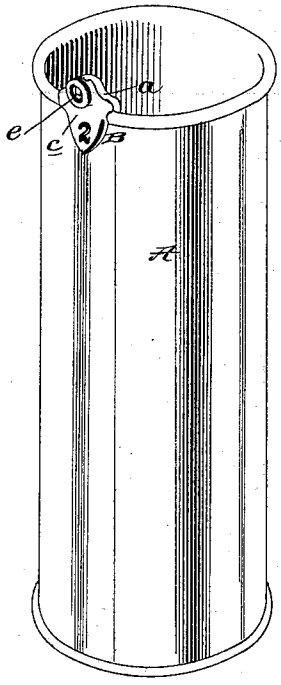


Fig. 2.

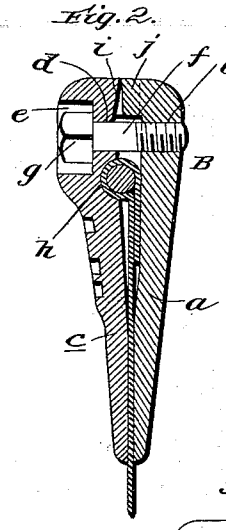


Fig. 3.

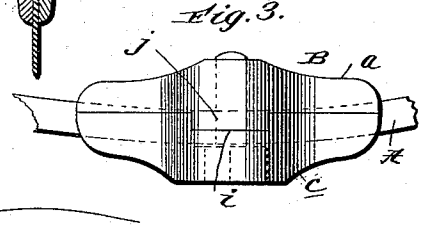
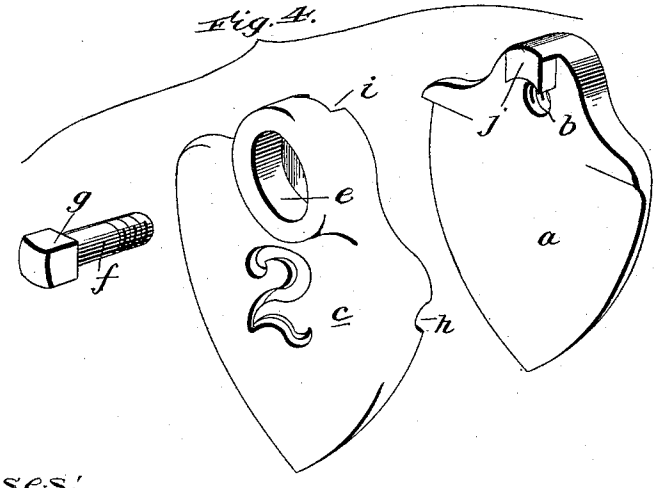


Fig. 4.



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UNITED STATES PATENT OFFICE.

EDWARD W. HOUGHTON, OF WOONSOCKET, RHODE ISLAND, ASSIGNOR TO HENRY S. HOUGHTON, OF SAME PLACE.

MARKER FOR SLIVER-CANS.

SPECIFICATION forming part of Letters Patent No. 623,083, dated April 11, 1899.

Application filed December 19, 1898. Serial No. 699,708. (No model.)

To all whom it may concern:

Be it known that I, EDWARD W. HOUGHTON, a citizen of the United States, residing at Woonsocket, in the county of Providence and State of Rhode Island, have invented new and useful Improvements in Markers for Sliver-Cans, of which the following is a specification.

This invention relates to sliver-cans—*i. e.*, cans used in cotton-mills to receive the sliver from the cards and drawing-frames. Such cans have to be marked in some way to designate the different drawings of the sliver, and my invention contemplates the provision of a marker or tag susceptible of being readily placed and secured on an ordinary sliver-can and embodying such a construction as to preclude its removal by a careless or mischievous person.

With the foregoing ends in view the invention will be fully understood from the following description and claims when taken in conjunction with the accompanying drawings, in which—

Figure 1 is a perspective view of a sliver-can equipped with my improved marker or tag. Fig. 2 is an enlarged section taken through the marker or tag and a portion of the can. Fig. 3 is a plan view of the same, and Fig. 4 comprises separated perspective views of the parts constituting the marker or tag.

Referring by letter to said drawings, A is an ordinary sliver-can, and B is my improved marker or tag. The marker or tag for the sake of durability is preferably made of metal and comprises a section *a*, having one side slightly convex to conform to the inside of the can-wall, against which it is designed to rest, and also having a transverse threaded aperture *b* adjacent to its upper end, a section *c*, having a concave inner side to conform to the outer side of the can-wall, against which it is designed to rest, and also having a transverse aperture *d* and a recess *e* in its outer side in communication with said aperture *d*, and a threaded bolt *f*, designed to extend through the aperture *d* of the section *c* and screw into the aperture *b* of section *a* and having a head *g* of a size to rest in the recess *e* of the section *c*. The section *c* is also provided in its inner side with a recess *h*, designed to receive the head of a sliver-can to prevent the same being pressed out of shape when the marker is clamped on the can, and it is further provided in its inner side, at its upper end, with a recess *i*. This recess when the marker is clamped on a can receives a complementary lug *j* on the section *a*, whereby the sections are locked against swinging with respect to each other. From this it follows that in order to permit of the marker being removed from a can it is necessary to turn the bolt *f* in an outward direction.

The head *g* of the connecting-bolt *f* may be of the form shown or of any special form, and it is designed when the marker is fixed on a can to rest in the recess *e* of the section *c*, and thereby render it necessary to employ a special form of wrench in order to turn the bolt and remove the marker from the can.

The marker or tag may be quickly and easily secured on a can after the manner described and when so secured is not liable to be casually displaced by a careless person and cannot be removed by a mischievous person. These will be appreciated as important advantages when it is remembered that in the event of the marks of identification of a plurality of sliver-cans being displaced it is impossible to distinguish the drawings contained in said cans from each other.

While my improved tag is not liable to be removed by a careless or mischievous person, it will be appreciated that it may be quickly and easily removed by a foreman or other authorized person equipped with a special wrench for turning the bolt *f*.

My improved marker or tag may be provided with any suitable identification character or means, and the same may be applied to the marker or tag in any approved manner. I prefer, however, to use a numeral, as shown, and to cast the same in the face of the outer section *c* at the time of manufacture.

Having thus described my invention, what I claim is—

1. As an improved article of manufacture, a marker or tag for sliver-cans comprising a section adapted to rest at one side of the side wall of a can and also having a transverse threaded aperture, a section adapted to rest at the other side of the can and having a

transverse aperture and a recess in its outer side in communication with said aperture, and a threaded connecting-bolt taking into the apertures of the sections and having a head adapted to rest in the recess of one section, substantially as specified.

2. A sliver-can, in combination with a marker or tag therefor comprising two separate sections adapted to rest one on the inner and the other on the outer side of the can, and having their adjacent faces convexed and concaved respectively so as to conform to the curvature of the can-body, and a connecting-bolt for said sections disposed above the upper edge of the can and taking through apertures in the sections so as to secure the same in position on the can, substantially as specified.

3. As an improved article of manufacture, a marker or tag for sliver-cans comprising a section adapted to rest at one side of the side wall of a can and having a transverse threaded aperture and a projection on its inner side, a section adapted to rest at the other side of the can and having a transverse aperture and a recess in its outer side in communication with said aperture and also having a recess in its inner side to receive the projection of the first-named section, and a threaded connecting-bolt arranged in the apertures of the sections and having a head adapted to rest in the recess of one section, substantially as specified.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

EDWARD W. HOUGHTON.

Witnesses:
GEO. W. SPAULDING,
E. LE ROY SPAULDING.