

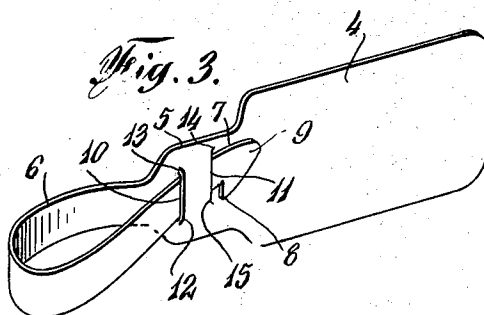
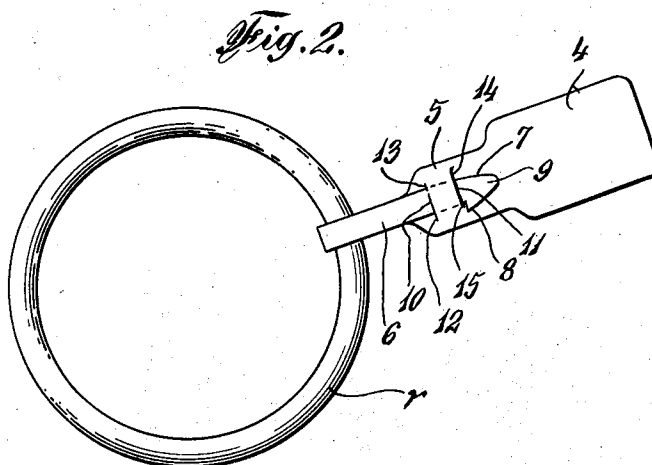
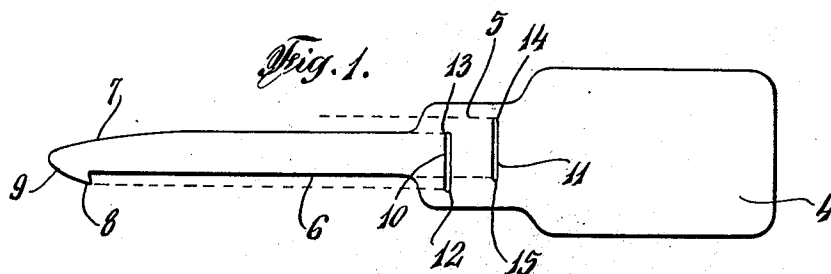
March 23, 1943.

W. FUHRMANN

2,314,779

TAG

Filed Dec. 29, 1941



INVENTOR
W. Fuhrmann
BY *John A. Seifert*
ATTORNEY

UNITED STATES PATENT OFFICE

2,314,779

TAG

Warren Fuhrmann, Kearny, N. J.

Application December 29, 1941, Serial No. 424,726

6 Claims. (Cl. 40—21)

This invention relates to identification and price tags adapted to be removably attached to the person or article which it is desired to identify or price, and it is the principal object of the invention to provide a tag of this character which is readily attached and secured in attached condition to a person or article.

It has been the common practice to provide tags of this character consisting of a body portion adapted to bear the printed matter embodying the identification or price information, and a securing tongue or tab integral with and extending from an edge of the body portion and having a head at the free end thereof adapted to be engaged in an opening or slot in the body portion adjacent the tongue. In order to secure the head of the tongue in the opening in the body portion, the head is of greater width than and extends transversely of the tongue and the opening in the body portion is of a length slightly greater than the width of the head and extends lengthwise on the longitudinal axis of the tongue, so that it is necessary to twist the tongue about an axis of 90 degrees to engage the head thereof into the opening in the body portion of the tag, and after the head has been passed through the opening, the tongue is permitted to assume its normal position. In another prior use, the portions of the head are folded upon themselves to permit insertion of the head into the opening in the body of the tag, and after the head has been passed through the opening, the folded portions are unfolded. In both of these prior structures, the engaging and securing of the tongue in the tag body requires additional effort and time, and tend to render the tag useless when it is required to remove and reattach the tag on another article by the twisting of the tongue or folding of portions of the head causing the destruction of the tongue body or head, respectively.

The present invention overcomes the disadvantages of the prior tags by arranging the tag body with a pair of slots disposed in the body in stepped relation to each other and the longitudinal axis of a tongue or tab integral with and extending from an edge of the tag body and arranged at the free end with a hook portion extending from a longitudinal edge of the tongue, whereby the hook end of the tongue is inserted into the pair of slots of the tag body by canting said end in alignment with the stepped relationship or the transverse axis of the slots and the normal position of the tongue relative to the tag body positioning the hook portion to extend be-

yond an end of the slot furthest from the tongue and secure the tongue in the slots. In this structure of a tag, the tongue is not twisted about an axis of 90 degrees nor is the tongue head folded upon itself to insert the free end of the tongue in the opening in the tag body.

Another object of the invention is to provide a tag which is readily severed from a web or strip of suitable material by a die of simple structure.

Other objects and advantages of the invention will be set forth in the detail description of the invention.

In the drawing accompanying and forming a part of this application,

Figure 1 is a plan view of a tag forming the embodiment of this invention and in flat unattached condition.

Figure 2 is a view of the tag attached and secured to an article, such as a ring.

Figure 3 is a perspective view of the tag with a hook end of a tongue in position relative to a pair of slots in a body portion of the tag subsequently to the insertion of said hook end through the slots and prior to the positioning of the hook end in engagement with an end of the slot farthest from the tongue or in position to be removed from the slots.

In carrying out the embodiment of the invention illustrated in the accompanying drawing, there is provided a one piece tag of flexible and endwise stiff material, such as paper or Celluloid, comprising a body portion 4 of suitable shape, such as rectangular as shown or circular, depending upon the type of descriptive matter or notation to be printed thereon. One end of the body 4 is arranged with a portion 5 of reduced width integral with and extending from the body centrally of the longitudinal axis of the body. A tongue or tab 6 of less width than the width of the reduced portion 5 is integral with and extends from said reduced portion 5 centrally of the longitudinal axis of the body portion 4, and the width of the tongue is uniform for the greater part of the length of the tongue commencing from the reduced portion 5 and ending adjacent to the free end of the tongue by one longitudinal edge of the tongue extending inwardly toward the free end, as shown at 7 in Figure 1, and the opposite longitudinal edge having a hook portion 8 extending laterally from said edge at a point opposite to an intermediate section of the inwardly extending portion 7, and both portions 7 and 8 merging with each other in a tapering or pointed portion having a curved or blunt end extending to one side of the longi-

tudinal axis of the body portion 4, as shown at 9. The lateral extremity of the hook portion 8 is spaced from the opposed section of the inwardly extending portion 7 a distance substantially equal to the width of the body of the tongue 6.

The tag is attached to an article, such as a ring *r* shown in Figure 2, by bending the tongue 6 upon itself and around the article with the body portion 4 spaced from the article whereby the printed matter thereon may readily be observed, and the tongue is retained in this bent condition by releasably securing the free end thereof to the reduced portion 5 of the tag. This purpose is accomplished by providing the reduced portion 5 with a pair of slots 10 and 11 of substantially the same length which is greater than the width of the tongue 6 and said slots disposed in the reduced portion in parallel spaced relation to each other and in stepped relation to and transversely of the longitudinal axis of the body portion 4, so that the end portion 12 of the slot 10 adjacent to the edge of the tongue having the hook portion 8 extends a greater distance from the longitudinal axis of the body portion 4 than the opposite end portion 13 of said slot 10, and the end portion 14 of the slot 11 corresponding to the end portion 13 of the slot 10 extends a greater distance from said longitudinal axis than the opposite end portion 15 of the slot 11 corresponding to the end portion 12 of the slot 10, as shown in Figure 1. The slots 10 and 11 are arranged on a transverse axis extending in an oblique direction and at an angle of approximately 10 degrees to the longitudinal axis of the body portion 4 of the tag. To facilitate the engagement of the free end of the tongue 6 into the slots 10 and 11 and effect an automatic locking of the hook portion 8 with the end 15 of the slot 11, the end 12 of the slot 10 is disposed in the reduced portion 5 in alignment with the lateral extremity of the hook portion 8 and the opposite end 13 of the slot 10 is in alignment with the longitudinal edge of the tongue 6 arranged with the inwardly extending portion 7, and the end 15 of the slot 11 is in alignment with the longitudinal edge of the tongue 6 having the hook portion 8 and the opposite end 14 of the slot 11 extends beyond the longitudinal edge of the tongue 6 having the inwardly extending portion 7, as shown in dotted lines in Figure 1, whereby the inwardly extending edge portion 7 of the tongue 6 will engage the ends 13 and 14 of the slots 10 and 11, respectively, by moving the free end of the tongue 6 in a direction along the obliquely extending transverse center or axis of the slots 10 and 11, and said engagement of the edge portion 7 with the slot ends 13 and 14 guiding the hook portion 8 freely past the ends 12 and 15 of the slots 10 and 11, respectively, as shown in Figure 3. After the hook portion 8 is moved beyond the slot 11, the tongue 6 is permitted to assume its normal position in alignment with the longitudinal axis of the body portion 4 under the influence of the inherent tension of the material of the tag and said normal position of the tongue positioning the hook portion 8 to extend beyond the end 15 of the slot 11 and adapted to abut the juncture between said end 15 and the material of the reduced portion 5 when the free end of the tongue is moved rearwardly toward the slots and secure the tongue in the slots, as shown in Figure 2.

The removal of the tag from the article is accomplished by moving the free end of the

tongue 6 to extend in an oblique direction in alignment with the transverse axis of the slots 10 and 11 with the edge portion 7 of the tongue engaging the ends 13 and 14 of the slots 10 and 11, respectively, as shown in Figure 3, and longitudinally moving the tongue rearwardly from the slots.

The tag body 4 may be of circular form with the tongue 6 integral with and extending directly from a peripheral portion of the body 4 thus eliminating the reduced portion 5, and the slots 10 and 11 are disposed in the circular body 4 in relation to the longitudinal axis and the edges of the tongue as stated hereinbefore relative to the longitudinal axis of the body portion and the longitudinal edges of the tongue.

The tag may be readily attached and secured to a person or other articles than the ring shown in the drawing by engaging the tongue 6 in the button hole of a garment of a person or around the shank portions of articles, such as a chain ring of a watch and a stem of drinking glasses.

Having thus described my invention, I claim:

1. A tag comprising a body portion and a tongue extending from and in the plane of the body portion and having at the free end a hook portion extending from a longitudinal edge thereof, and said body portion being arranged with a pair of parallel spaced slots disposed therein to extend transversely of and in stepped relation to the longitudinal axis of the tongue with the slot nearest the tongue having one end terminating in alignment with the hook portion and the opposite end of said slot terminating in alignment with the longitudinal edge opposite the longitudinal edge of the tongue arranged with the hook portion, and the slot farthest from the tongue having one end terminating in alignment with the longitudinal edge arranged with the hook portion and the opposite end of said farthest slot extending beyond the longitudinal edge opposite the longitudinal edge arranged with the hook portion, whereby the free end portion of the tongue is engaged in the slots by canting said end portion in alignment with the stepped relationship of the slots and the normal position of the tongue relative to the body portion positioning the hook portion of the tongue to extend beyond the second end of the slot farthest from the tongue and retain the tongue in the slots.

2. A tag as claimed in claim 1, wherein the longitudinal edge portion of the tongue opposite the hook portion declines toward the free end of the tongue to form a guiding edge for engaging the second ends of both slots and positioning the hook portion out of the path of the first ends of the slots during the insertion of the free end portion of the tongue into the slots.

3. A tag comprising a body portion and a tongue extending from and in the plane of the body portion and having a pointed free end arranged with a hook portion extending from a longitudinal edge of the tongue, and said body portion having a pair of parallel spaced slots disposed therein to extend transversely of and in stepped relation to the longitudinal axis of the tongue, the slots being of substantially the same length greater than the width of the tongue and the slot nearest the tongue having one end terminating in alignment with the hook portion and the opposite end of said slot terminating in alignment with the longitudinal edge opposite the longitudinal edge of the tongue arranged with the hook portion, and the slot farthest from the tongue having one end extending beyond the lon-

gitudinal edge opposite the longitudinal edge of the tongue arranged with the hook portion and the opposite end of said farthest slot terminating in alinement with the longitudinal edge arranged with the hook portion, whereby the pointed end portion of the tongue is engaged in the slots by canting said pointed end portion in alinement with the stepped relationship of the slots and the tongue is retained in the slots by the tongue assuming its normal position relative to the body portion with the hook portion extending beyond the second end of the slot farthest from the tongue.

4. A tag comprising a body portion of rectangular shape having at one end a portion of reduced width and a pair of slots arranged in said reduced portion to extend transversely of and in stepped relation to the longitudinal axis of the body portion with one end portion of one slot extending a greater distance from a side of said axis and the opposite end of the other slot extending a greater distance from the opposite side of the longitudinal axis, and a tongue extending from the reduced portion centrally of the longitudinal axis of the body portion and having the free

end pointed and diverging to one side of the longitudinal axis of the body portion and a hook portion extending from the diverging portion of the free end, and the slot nearest the tongue having the end farthest from the longitudinal axis of the body portion terminating in alinement with the hook portion and the slot farthest from the tongue having the end nearest the longitudinal axis of the body portion terminating in alinement with the longitudinal edge of the tongue adjacent to the hook portion.

5. A tag as claimed in claim 4, wherein the slots are of substantially the same length, the tongue is of uniform width from the reduced body portion to adjacent the pointed end and said width is less than the length of the slots, and the width of the pointed end of the tongue at the hook portion is substantially equal to the width of the body of the tongue.

6. A tag as claimed in claim 4, wherein the transverse axis of the slots extends at an angle of approximately 10 degrees to the longitudinal axis of the body portion.

WARREN FUHRMANN.