No. 848,342. PATENTED MAR. 26, 1907.

E. J. BROOKS.

BUNG TIN.

APPLICATION FILED OCT. 6, 1906.

Fig. 1.

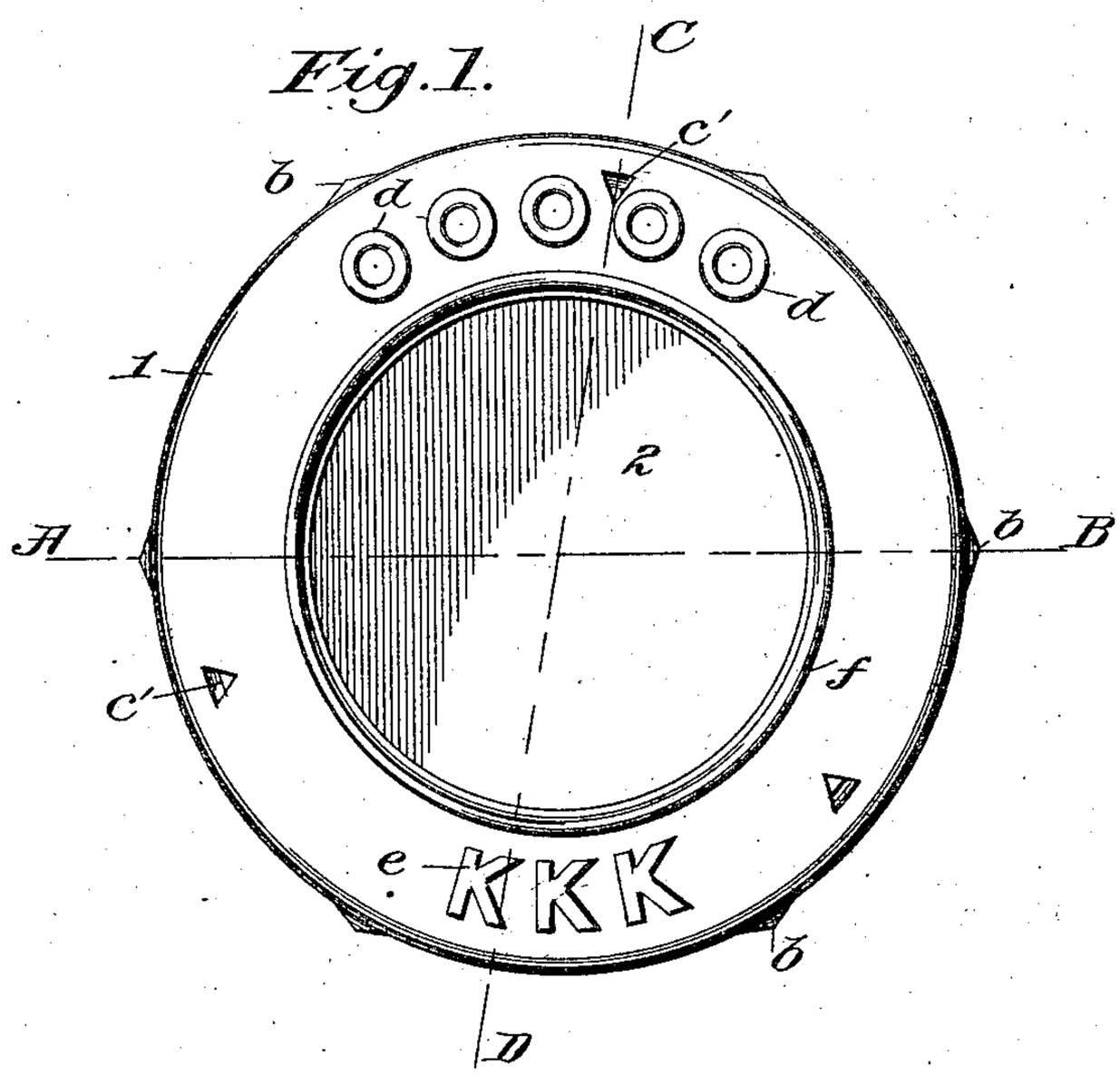



Fig. 2.

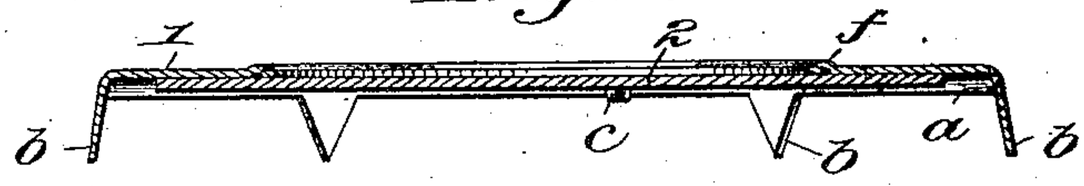
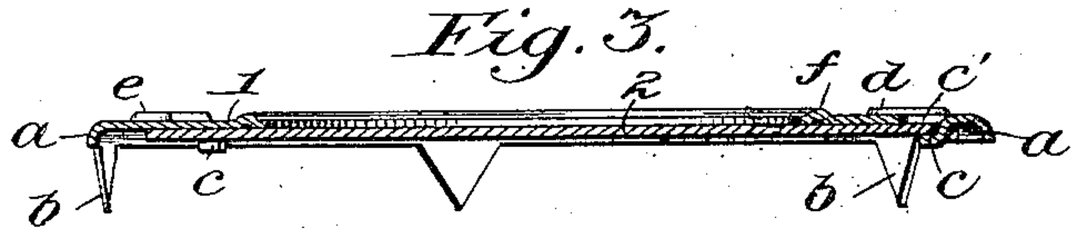



Fig. 3.

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# UNITED STATES PATENT OFFICE.

EDWARD J. BROOKS, OF EAST ORANGE, NEW JERSEY.

## BUNG-TIN.

No. 848,342. Specification of Letters Patent. Patented March 26, 1907.

Application filed October 6, 1906. Serial No. 337,762.

*To all whom it may concern:*

Be it known that I, EDWARD J. BROOKS, a citizen of the United States of America, and a resident of East Orange, in the State of New Jersey, have invented a new and useful Improvement in Bung-Tins, of which the following is a specification.

This invention relates to what are known as "bung-tins," as employed to supplement and secure ordinary wooden bungs after they have been driven into the bung-holes of wooden barrels, half-barrels, kegs, and the like to prevent the bungs from being accidentally pressed out or loosened and to serve as seals for guaranteeing the integrity of the package.

The present invention consists in a bung-tin or combined bung-tin and label or seal, hereinafter set forth and claimed.

The leading objects of this invention are to provide for making the bung-tin in part of suitable stiff paper or the like adapted to be provided with printed matter or like permanent marks and to receive with facility the writing of a pen or indelible pencil or the impressions of rubber stamps and the like and at the same time to stiffen the bung-tin, so as to facilitate and insure securely attaching it by driving prongs integral therewith into the wood of the barrel, half-barrel, keg, or the like.

Other objects of the invention will appear in the general description which follows.

A sheet of drawings accompanies this specification as part thereof.

Figure 1 is a face view of the improved bung-tin; and Figs. 2 and 3 represent sections through the same on the lines A B and C D, respectively.

Like reference characters refer to like parts in all the figures.

The improved bung-tin is composed of two parts 1 and 2, which are respectively of suitable sheet metal, such as ordinary tin, (tin-plate,) and suitable stiff paper or the like, such as Manila cardboard, united with each other at the factory. The main part 1 is annular and is constructed with a downturned outer edge *a*, a sufficient number of sharp and substantially rigid drivable prongs *b* integral with such edge, and a sufficient number of clenched prongs *c*, cut from holes *c'* in the face of the ring, the ring or annular bung-tin being also conveniently provided in the operation of stamping it from the flat sheet metal with any required lettering or distinguishing-marks (represented at *d* and *e* in Fig. 1) and with a hollow bead *f* around its inner edge. This bead and said downturned outer edge *a* together serve to stiffen the sheet-metal main part 1 and to adapt its prongs *b* to be driven into the hard wood of the barrel or the like with certainty, and thus to insure securely attaching the bung-tin. The paper part 2 is preferably and conveniently of the same outline as the main part 1, but sufficiently smaller to fit within the circle of the clenched prongs *c* and to be securely held in place by these prongs within the downturned outer edge *a* of the bung-tin. Its face is conveniently and preferably provided with any required printed matter, with blanks suitable for additional marks, such as order-numbers, dates, and the like, as indicated in Fig. 1. Such printed matter may of course vary indefinitely, the number of the respective sets of prongs may be increased or reduced, and other like modifications will suggest themselves to those skilled in the art.

The bung-tin may be secured in place by means of the bung-tin driver set forth in my specification forming part of Letters Patent No. 822,918, dated June 12, 1906, or by any known or improved means.

Having thus described said improvement, I claim as my invention and desire to patent under this specification—

A bung-tin having an annular main part of suitable sheet metal constructed with a downturned outer edge and a hollow bead extending around its inner edge, to stiffen it, drivable prongs integral with said downturned outer edge and clenched prongs cut from holes in the face of the ring, in combination with an underlying part of stiff paper or the like attached to the ring within said outer edge by said clenched prongs and adapted to receive writing stamp impressions or the like upon its outer surface at the center of the bung-tin, substantially as hereinbefore specified.

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