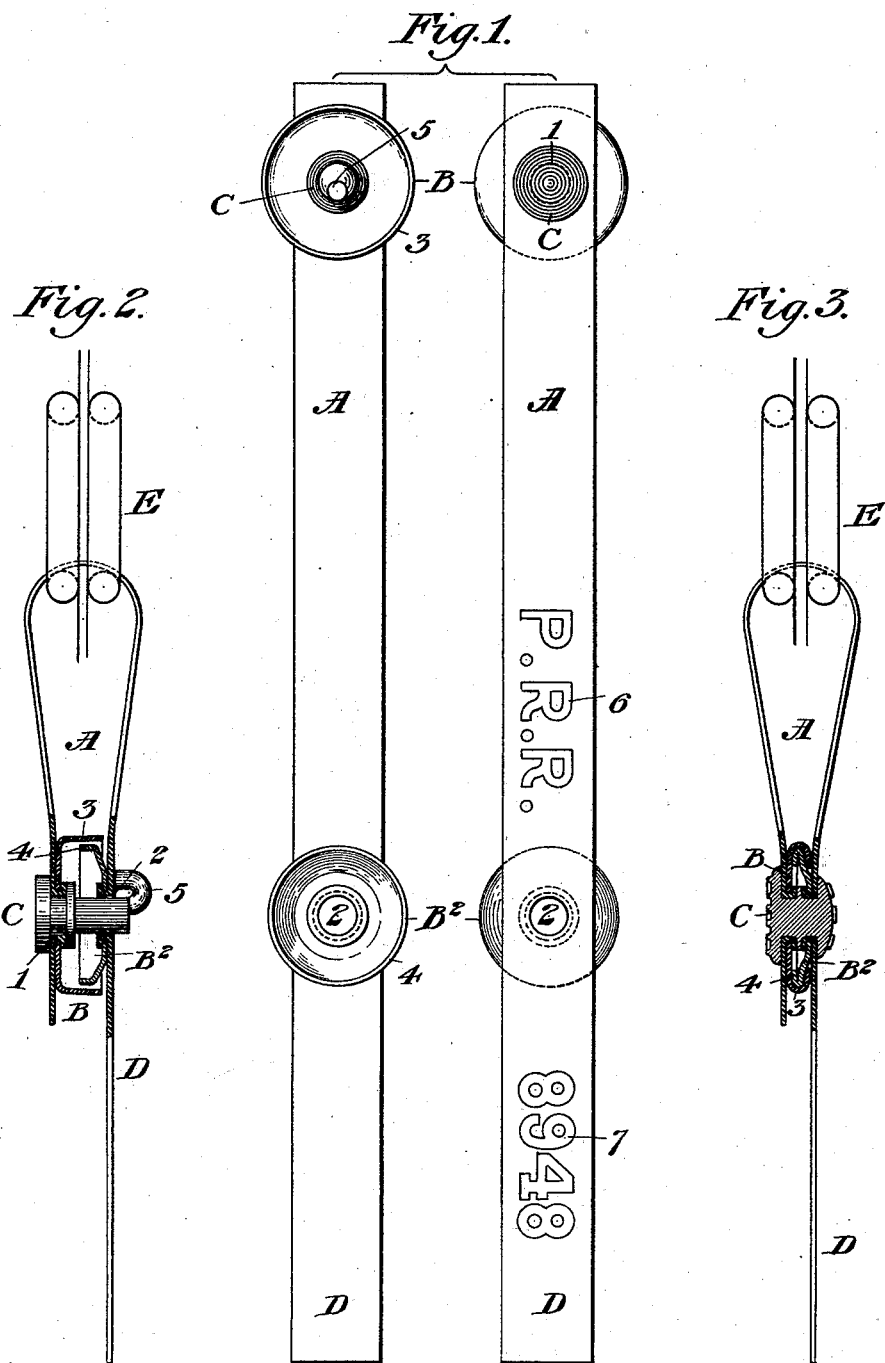


(No Model.)

E. J. BROOKS.
SEAL.

No. 524,975.

Patented Aug. 21, 1894.



Witnesses

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SEAL.

SPECIFICATION forming part of Letters Patent No. 524,975, dated August 21, 1894.

Application filed May 28, 1894. Serial No. 512,716. (No model.)

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 Seals, of which the following is a specification.

This invention relates primarily to seals comprising rivets of soft metal, commonly lead, and flexible shackles or combined tags and shackles of sheet-metal, commonly tin-plate ("tin"), examples of which are set forth in my specifications forming part of United States Letters Patent No. 260,279, dated June 27, 1882, and No. 505,388, dated September 19, 1893, but may be embodied in part in seals composed wholly of sheet-metal as improvements on the seals set forth in my specification forming part of Letters Patent No. 324,647, dated August 18, 1885.

The objects of the present invention are to securely and neatly unite the ends of a sheet-metal shackle in a peculiar manner; and to provide, at once, for holding the shackle-ends together, preliminary to the application of the seal-press, and for providing the improved seal with press-marks stamped in lead in the act of press-fastening the seal.

The invention consists in certain novel combinations of parts whereby the above objects respectively are accomplished, as hereinafter set forth and claimed.

A sheet of drawings accompanies this specification as part thereof.

Figure 1 of the drawings represents the respective sides of an improved seal embodying the whole of the present invention, as the same leaves the factory. Fig. 2 represents a sectional edge view of the same as applied to car-door staples or the like and ready for the seal-press; and Fig. 3 is an edge view thereof as it appears after being press-fastened.

Like letters and numbers refer to like parts in all the figures.

The improved seal represented by the drawings is composed of a flexible sheet-metal shackle A, preferably of ordinary tin (tin-plate), a pair of annular sheet-metal disks B B² which may be of thin tin or thin iron or brass, and a leaden plug or "rivet" C; said disk B² being conveniently so located as to

separate between the body of the shackle and a tag-portion D integral with the shackle-body.

The shackle A and disks B and B² are fixedly united with each other at the factory by eyelet-collars, surrounding holes 1 and 2 central to the respective disks, and upset against the inner faces of the disks around their central apertures, as in Figs. 1 and 2. The disks B and B² are further constructed respectively with marginal crown-flanges or rims 3 and 4 which project one within the other when the seal is prepared for the seal-press, as in Fig. 2, and interlock the disks with each other to fasten the seal when the seal-press is applied, as in Fig. 3; the outer rim 3 of the disk B neatly overlapping and inclosing the perimeter of the disk B² in the pressed seal. The rivet C is preliminarily fastened in said hole 1 at the factory in the manner set forth in said Patent No. 505,388, and is conveniently provided with a flexible retaining finger 5 as in said patent. Its main function is to adapt the seal to be stamped with suitable lettering by the seal-press, and it may be as small as will suffice for the desired press-marks. In combination with a sheet-metal shackle A and disks B and B², the rivet C provided with said finger 5 coacts with the shackle-end which carries said disk B² to temporarily retain the latter within the rim of the disk B preparatory to the pressing operation, as in Fig. 2.

The specific shackle represented at A with its tag D is a narrow strip having parallel edges, and adapted to be sheared from the plate like the preferred form of sheet-metal shackles heretofore used, and may be of the dimensions customary for said shackles, or of any preferred dimensions. While the material is still in the sheet, it is conveniently provided with suitable distinguishing marks, represented by the lettering 6 and the serial number 7 in Fig. 1, on the body of the shackle and its tag portion, either or both. After said end of the shackle A carrying the said disk B² has been passed through a pair of sealing staples E or their equivalent applied to a car-door or the like, the seal is made ready, as in Fig. 2, and a suitable seal-press is then applied to interlock the disks B and B²

with each other, and thus to securely unite the ends of the shackle A to which said disks are fixedly attached, as in Fig. 3. The disks are so interlocked by their marginal rims as
5 above, and, at the same time, if the rivet C be present, it is pressed and stamped in customary manner.

It will be understood that in some cases the rivet C as well as the tag-portion D may be
10 wholly omitted; the eyelet-collars at the holes 1 and 2 may be formed on the disks B and B² instead of on the shackle A with like effect; the rim of the disk B² may be omitted; and other like modifications will suggest
15 themselves to those skilled in the art.

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

20 1. The combination, in a press-fastened seal, of a flexible sheet-metal shackle provided with a pair of holes, and a pair of annular disks of sheet-metal fixedly attached to said shackle

by eyelet-collars at said holes, one of said disks having a marginal rim adapted to tightly overlap and inclose the perimeter of the other 25 disk and thus to securely fasten the seal, substantially as hereinbefore specified.

2. The combination of a flexible sheet-metal shackle having a pair of holes, a pair of annular disks of sheet-metal fixedly attached to said 30 shackle by eyelet-collars at said holes, one of said disks having a marginal rim adapted to interlock the disks with each other to fasten the seal, and a soft-metal rivet, to receive desired press-marks, preliminarily fastened 35 within one of said holes in the shackle, and provided with a flexible finger to hold the other disk within said rim preparatory to the pressing operation, substantially as hereinbefore specified.

EDWARD J. BROOKS.

Witnesses:

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