

L. D. COOLEY.
Indicator for Shoe-Boxes.

No. 229,236.

Patented June 29, 1880.

Fig. 1.

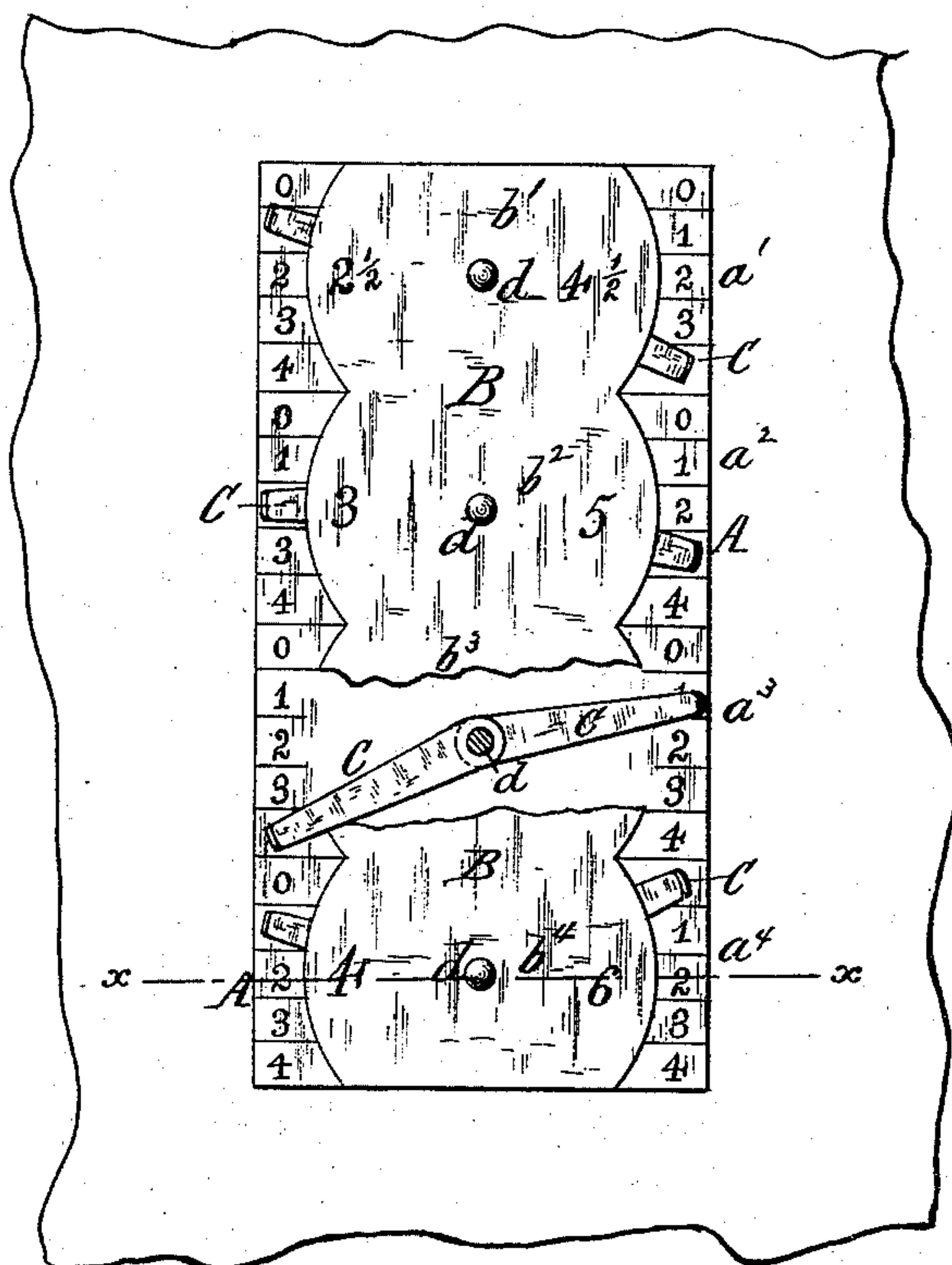
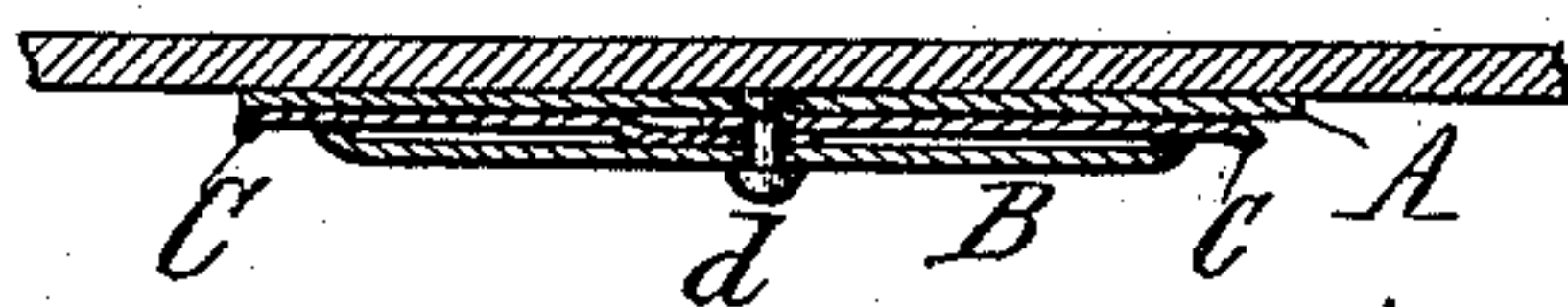


Fig. 2.



Chas. J. Buchheit...
Edw. J. Brady... } Witnesses-

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UNITED STATES PATENT OFFICE.

LESTER D. COOLEY, OF FRIENDSHIP, NEW YORK.

INDICATOR FOR SHOE-BOXES.

SPECIFICATION forming part of Letters Patent No. 229,236, dated June 29, 1880.

Application filed October 1, 1879.

To all whom it may concern :

Be it known that I, LESTER D. COOLEY, of Friendship, in the county of Allegany and State of New York, have invented new and useful Improvements in Indicators for Boxes or Packages of Merchandise, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to that class of indicators which are used to indicate the contents of packages of merchandise, such as boxes and drawers in boot and shoe stores, whereby the dealer is enabled to tell the number of pairs and different sizes of shoes or boots contained in each box or package after a part of the stock has been sold without examining the contents of each box or package.

The invention consists in the peculiar construction of the device, whereby a cheap and simple indicator is produced, which is readily adjusted and which will not be disturbed by the handling to which packages of merchandise are subjected, as will be hereinafter fully set forth.

In the accompanying drawings, Figure 1 represents an elevation of my improved indicator, and Fig. 2 a cross-section thereof in line *x x*, Fig. 1.

Like letters of reference refer to similar parts in both of the figures.

A represents a plate of any desired form or size, that shown in the drawings being of rectangular form. The face of the plate A is marked or divided off into four sections, *a'* *a*² *a*³ *a*⁴, each section being provided with a row of figures from 0 to 4, arranged lengthwise or vertically along both edges of the plate A. These rows of figures are designed to indicate the numbers of pairs of shoes or boots contained in each box or package.

B is a plate of less width than the plate A, and secured centrally to the face of the plate A, so as to leave the row of figures on each side of the plate A exposed to view. The plate B is divided in sections *b'* *b*² *b*³ *b*⁴, corresponding with the sections *a'* *a*² *a*³ *a*⁴ of the plate A. Each section of the face-plate B is provided with a number or figure arranged near the edge of each section and opposite each row of figures on the plate A. The numbers or figures on the

plate B indicate the different sizes of shoes or boots contained in the package.

C represents index arms or pointers, pivoted at their inner ends between the plates A and B by rivets *d*, which latter serve at the same time to secure the plates A and B together. The outer ends of the pointers C project beyond the edge of the plate B, and can be readily moved along the rows of figures on the plate A. Each section of the plate A is provided with a pivoted index, C, which can be readily moved so as to point to any one of the rows of figures on that section. The edges of the sections of the face-plate B are curved concentric with the several pivots *d* of the indexes C, and are bent down, so that each curved edge of the face-plate B bears upon the pivoted index arranged underneath the same, and holds the latter in position against accidental displacement by the frictional contact of the curved edge with the index-arm.

The rear plate, A, is secured to the box or other package of merchandise by tacks, which may be formed in one piece with the plate when it is constructed of tin or other suitable metal, or by any other suitable means.

In applying my improved indicator to a box or package containing an assortment of boots or shoes of different sizes the pointer C of each size contained in the box is adjusted opposite the figure on the plate A which indicates the number of pairs of boots or shoes of that particular size contained in the box, and the pointers of the sizes which are not contained in the box are placed at zero.

For each pair of boots or shoes taken out of the box the pointer corresponding with the particular size which has been taken out is moved one figure back toward zero, so that when any particular size is exhausted the pointer of that size will indicate zero. In this manner the indicator will show at a glance the different sizes of boots or shoes and the number of pairs of each size which are contained in the box, thereby avoiding the necessity of opening the box or package and examining its contents for that purpose.

It is obvious that my improved indicator can be adapted for various other purposes by marking upon the same the figures or sizes

which may be suitable for the particular purpose for which it is designed.

I claim as my invention—

5 An indicator composed of a rectangular back plate, A, divided into several sections, a' a^2 a^3 a^4 , each containing an independent series of figures or characters, a front plate, B, consisting of a corresponding number of sections, b' b^2 b^3 b^4 , arranged respectively opposite the

several sections a' a^2 a^3 a^4 , and index-hands C, 10 pivoted between the plates A and B, each index-hand pointing to one of the independent series of characters, substantially as and for the purpose set forth.

LESTER D. COOLEY.

Witnesses:

A. C. LATTA,
OVID O. RUN.