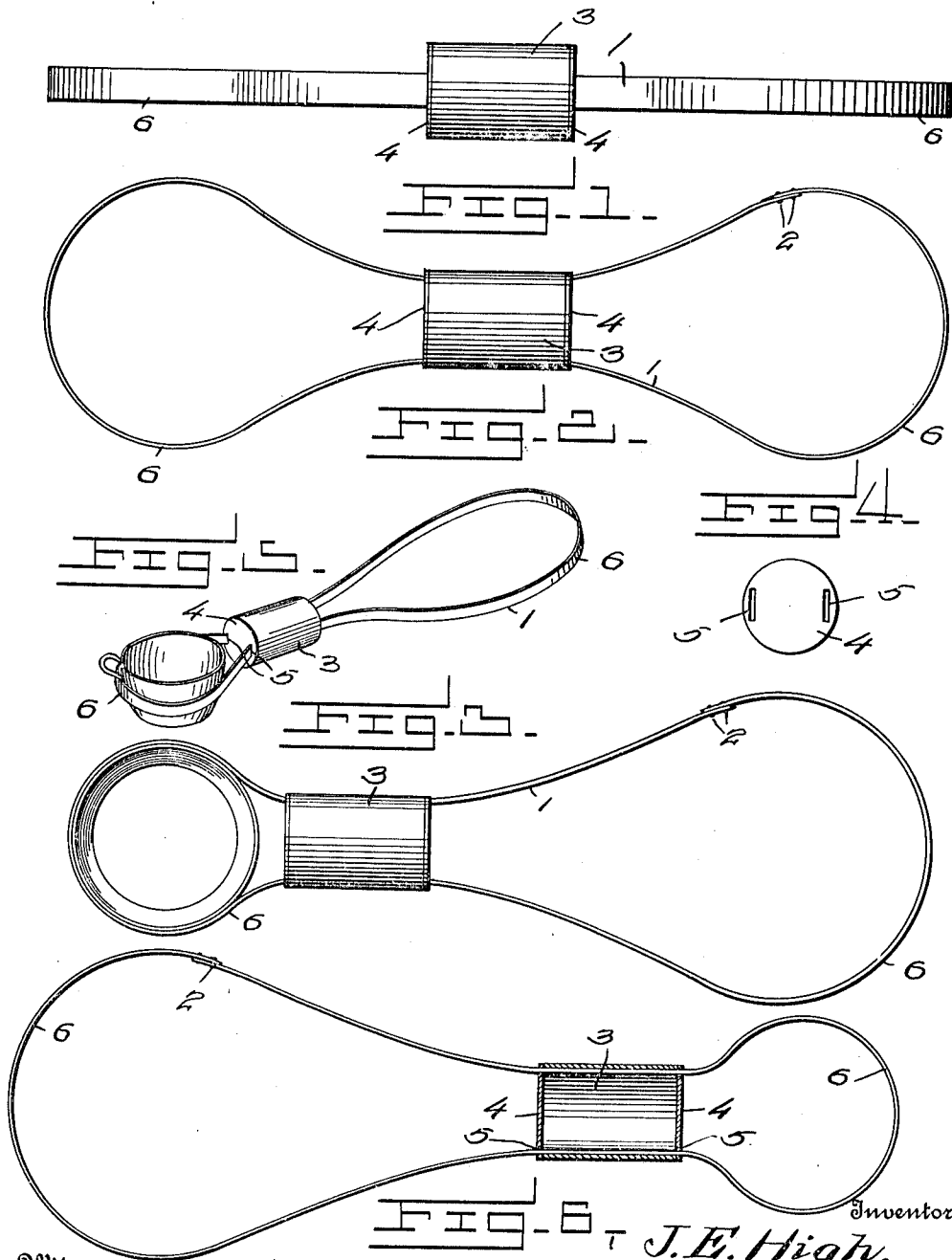


J. E. HIGH.
 PLATE LIFTER.
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1,035,088.

Patented Aug. 6, 1912.



Witnesses
E. A. Cunningham
W. M. Gregory

Inventor
J. E. High,
 By *Harry Ellis Chandler*
 Attorney

UNITED STATES PATENT OFFICE.

JOHN EDWARD HIGH, OF DICKINSON, NORTH DAKOTA.

PLATE-LIFTER.

1,035,088.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN EDWARD HIGH, a citizen of the United States, residing at Dickinson, in the county of Stark and State of North Dakota, have invented certain new and useful Improvements in Plate-Lifters, of which the following is a specification.

My invention relates to improvements in plate lifters and has for its object the provision of an improved readily adjustable device of this character adapted for use in handling various sizes of dishes or saucers which will readily grasp and firmly engage the article to be lifted irrespective of the size of said article and which will be of extremely simple construction.

To attain the desired object my invention comprises a plate lifter substantially as illustrated and as hereinafter described, but it will be understood that any changes in the details of construction within the scope of the claim may be made without departing from the spirit of the invention.

Figure 1 represents a side elevation of the plate lifter, Fig. 2 represents a top plan view thereof. Fig. 3 represents a similar view showing the lifter engaging a sauce dish, and Fig. 4 represents a longitudinal sectional view of the lifter. Fig. 5 represents a perspective view of the device employed in lifting a cup, and Fig. 6 represents a plan view of one of the end or cap plates for the handle.

In the drawings, the numeral 1 denotes the flexible spring steel band having its ends united as by the rivets 2 to form an endless band therefrom. Mounted on the intermediate portion of the band is the cylindrical member 3 providing a handle, said member having secured at each end the cap plate 4 having slots 5 therein at diametrically opposite points through which the intermediate portions of the band pass as most clearly shown in Fig. 4.

From the foregoing description taken in connection with the drawings it will be seen

that I provide an endless steel band having a cylindrical handle forming member slidably engaged on the intermediate portion of the band to hold the intermediate portions thereof together and provide a loop 6 on each end of the handle.

To lift a pan, dish or other article I engage one of the loops around said article and then grasp the cylinder or handle with one hand and the free loop with the other, and slide the cylinder toward the article to be lifted, decreasing the size of the loop surrounding the article to cause the loop of the band to tightly engage the periphery of the article.

It will thus be seen that I have provided a simple but efficient plate lifter which has an engaging loop at each end thereof adapted to be interchangeably employed for engaging an article, and that on account of the endless construction of the band the loop can be readily made large enough to engage a dish of considerable size or small enough to engage a sauce dish or a doll's cup.

I claim:

A plate lifter comprising an endless spring steel band, a cylindrical member mounted on the band to hold opposite portions thereof in juxtaposition and a cap plate for each end of said cylindrical member, each of said cap plates having a pair of diametrically opposite slots formed therein through which the opposite sides of the band extend, the band thus providing an engaging loop at each end of the article adapted to be interchangeably used, the movement of the cylindrical member on the band decreasing the size of one of the loops to clamp it on an article.

In testimony whereof I affix my signature, in the presence of two witnesses.

JOHN EDWARD HIGH.

Witnesses:

L. R. HART,
THOMAS BURKE.