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E. T. KOERNER

TONGS

Filed Aug. 21, 1922

Fig. 1.

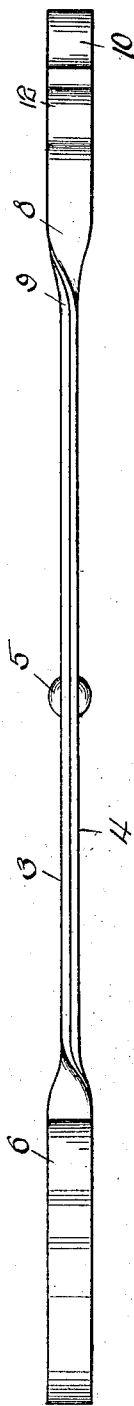
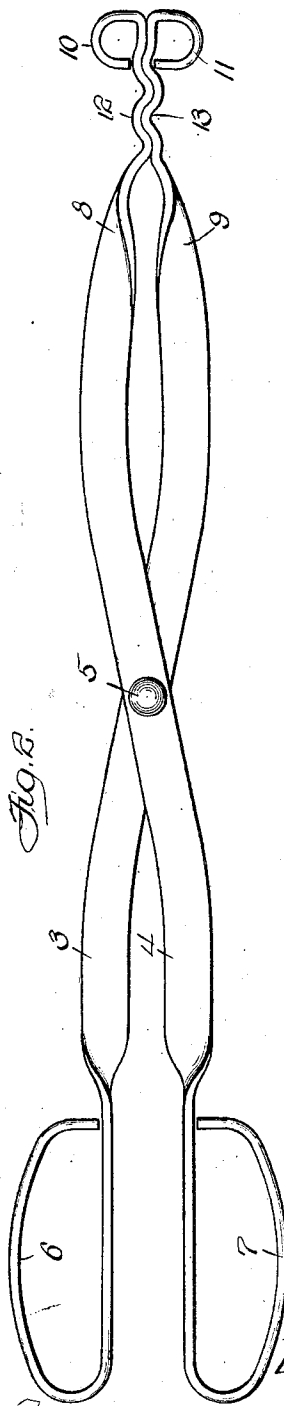


Fig. 2.



Inventor:
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By Jone's Rain Hinkle atty.

UNITED STATES PATENT OFFICE.

EMIL T. KOERNER, OF OAK PARK, ILLINOIS, ASSIGNOR OF ONE-HALF TO OSCAR L. GLASER, OF OAK PARK, CHICAGO, ILLINOIS.

TONGS.

Application filed August 21, 1922. Serial No. 583,090.

To all whom it may concern:

Be it known that I, EMIL T. KOERNER, a citizen of the United States, residing at Oak Park, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Tongs, of which the following is a specification.

This invention relates to improvements in tongs.

One of the objects of the invention is to provide in tongs, gripping jaws that will firmly grasp and hold yieldable delicate fabrics, or the like, which do not present sharp angular surfaces or serrations that will penetrate and tear the material, to be handled by the use of the tongs, and which are strong, light of weight and which can be easily manipulated.

The tongs will be explained in connection with laundry service for which it is especially adapted.

The implement may be used, advantageously, for lifting steaming hot clothes from the laundry tub to the adjacent wringer and conveniently inserted between the rolls of the wringer without fear of the jaw ends being caught between the power driven rolls and without the slightest damage to the clothes. The ends of the jaws are made blunt or obtuse to prevent them from being drawn between the wringer rolls and to guard the clothes against penetration thereby.

Other and further objects and advantages will hereinafter appear from a consideration of the following description when taken in conjunction with the drawings, wherein:—

Fig. 1 is a side elevation of the tongs in preferred form.

Fig. 2 is a plan view.

In both views the same reference characters are employed to indicate similar parts.

The tongs are very simple in construction. The members 3 and 4 are each made of a single piece of metal, iron or steel being preferable, hinged together at 5, and each member having a handle 6 and 7, respectively. The bar, of which each member is made, is preferably, relatively wide in one dimension and thin in a transverse plane to distribute the metal to best withstand

the greatest stress and for convenience of manufacture.

The gripping jaws, 8 and 9, terminate in ring-shape formations 10 and 11 to provide a blunt end for each member, and the portions 12 and 13 intermediate 8 and 10 of one jaw and 9 and 11 of the other are corrugated, with the corrugations of one jaw nesting in the corrugations of the companion jaw. The corrugations prevent slipping of the fabric or cloth from between the jaws and do not present any angularly abrupt surfaces or sharp teeth that would injure the fabric by tearing it when the water-laden fabric is lifted or suspended by the tongs.

The portions 8 and 9 of the tongs are turned at right angles to the flat portions 12 and 13. This strengthens the grasping jaw members between 5 and 10—11 without increasing weight. The parts 12—13 are more or less resilient, due to this inherent quality of the metal, and this causes more intimate nesting relation of the parts and a firmer grip upon the fabric to be contained therebetween.

Having described my invention what I claim as new and desire to secure by Letters Patent, is:—

1. Tongs having two like members of uniform cross sectional area throughout pivoted together near their longitudinal centers, and having gripping jaws near one end, the ends of said members beyond the jaws turned back and formed into rings, the jaws being corrugated so that the corrugations of one jaw will nest in the corrugations of the other jaw.

2. Tongs having two like members of uniform, cross sectional area throughout pivoted together near their longitudinal centers, said members being formed of bars of greater width than thickness and corrugated near one end to provide nesting jaws with the terminal ends formed into rings; said members being twisted near their respective jaws to bring the relatively wide surfaces in parallel planes at the pivoted point at substantial right angles to the wide surfaces of the jaws.

In testimony whereof I hereunto subscribe my name.

EMIL T. KOERNER.