

UNITED STATES PATENT OFFICE.

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COMBINATION UTENSIL.

SPECIFICATION forming part of Letters Patent No. 627,668, dated June 27, 1899.

Application filed December 29, 1897. Serial No. 664,259. (No model.)

To all whom it may concern:

Be it known that I, FRANK A. HOLT, a citizen of the United States, and a resident of Holyoke, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in a Combination Utensil, of which the following is a specification.

This invention relates to an improved combination implement or utensil for household use, the object being to provide a device of simple construction having parts or features each serving to fulfil its own special function and in connection with other parts contributing to the fulfilment of other functions, all to the end of providing in the combination implement, which is comparatively simple and inexpensive, means and appliances for a great variety of uses in the kitchen or household.

The invention consists in the combination implement having parts and features arranged for coöperative as well as individual uses and operations, all substantially as will hereinafter fully appear, and be set forth in the claims.

Reference is to be had to the accompanying drawings, in which—

Figure 1 is a perspective view of the implement, sufficiently showing all of the parts thereof. Figs. 2 and 3 are side elevations of the operating end portion of the device, illustrating different manners of its utilization, of which there are numerous others beyond those so illustrated.

Similar characters of reference indicate corresponding parts in all the views.

In the drawings, A A² represent handles having angularly-turned extremities *a a*² pivotally united at or near the junction of said angular extremities with the main straight portions or handle-levers proper. These parts are preferably made of malleable-iron castings or other castings, the one, A, being constructed with the aperture or recess *b*, through which the flattened extremity *a*² of the handle A² is passed, this extremity being by the pivot *c* confined for its swinging movement within suitable limits, the said

pivot passing through the side walls of said aperture and through the said part *a*².

Each of the handle parts A A² is preferably cored out, as indicated at *d*, for lightness and economy of metal, and the angularly-turned handle extremity *a* has its back or outer side formed with the step-like portion 10 to constitute a hammer and with the tapered extension 12, bifurcated by the V-shaped recess 13, to constitute both a stove-lifter and a double claw for withdrawing tacks and nails, and the said extremity *a* is, furthermore, provided as an integral extension from its inner face with the lug or member *f*, extended to cooperate as a jaw with the extremity *a*² of the other handle or lever-like part A², said lug having its extremity forwardly and upwardly turned, as the implement is viewed in Fig. 1, to constitute the hook 14 to be utilized in lifting bails of kettles and the like.

The extremity *a*² of the handle A² has pivotally supported at its end portion the member *g*, which comprises the paired ear-lugs 15 15, through which the pivot 16 unites it for its rocking or conforming movement on the handle extremity *a*², and also comprises the laterally-widened body 17, the forward face of which is of arc contour to correspond to the surface of a dish or pan, and provided with the groove 18, ranging between the edges along said face for the reception of the bead or edge enlargement or edge flange common in pans either round or rectangular. The lug or jaw extension *f* of the portion *a* has its inner edge arranged to cross the arc-formed face of the self-adjusting member *g* and close toward or against the same midway between the ends of said member, as manifest from the drawings.

One of the handle portions is provided with an integrally-formed stud 19, while the other has at its end the lug 20, provided with a perforation in which is engaged the ring or stirrup shaped piece 22, which may be of wire, all to the end of providing a detachable engagement or catch device for holding, when desired, the parts A A² closely together, as is most advantageous at times when the implement is to be made available for some of

its uses, such as tack driving or pulling, stove-cover lifting, or the lifting of a kettle from a stove by its bail.

A spring *h* of comparatively slight reaction is applied between the handle members A A², serving, when the engagement or catch device provided at the ends is released, to spread said members and open the jaws without the necessity of any opening manipulation, it being understood that both the handle members are within the grasp of the one hand, and the jaw members may be brought together into closing or gripping relations by a contraction of the handle members, easily accomplished by the one hand.

The catch device, consisting of the formations and appliances 19 20 22, may be substituted by some other catch device for the same purpose, if desired, or a catch device may be altogether omitted; but its provision is desirable and does not add materially to the expense.

It is perceived that the member *f* at the forward extremity of the one handle A, which member has the hooked extremity 14, is comparatively long or deep and that the oscillating block *g* opposite said member *f* is also quite a distance removed from the throat of the jaws. This is designed so that when it is desired to heat the contents of a pan or like receptacle in a cylinder-stove where the fire is considerably below the door the same may be conveniently done in the manner indicated in Fig. 3 of the drawings. In this figure a pan is shown having a beaded edge or border-flange *x*, the same being understood as being a circular pan. Now it is apparent that whether this pan has vertical walls or flaring walls the oscillating block becomes self-conforming to the vertical contour, while the concavity in the front face thereof gives a sufficiently broad bearing, so that when the edge portion of the pan is held by the nipping action of the said parts *f* and *g* it is held with a sufficient bearing and engagement by the block *g* upon and against its outer face, so as to prevent its tilting or upsetting. Although the block *g* is shown as having a concave face, this same member is, in conjunction with the member *f*, as well adapted to lift rectangular baking-pans into and out from ovens as circular pans, as obvious.

The depth of the recess between the ear-lugs 15 15 of the block *g* in connection with the relative dimension of the end of the member *a*² beyond the pivot 16 regulates or limits the extent of rocking movement which the said block *g* may have, such oscillation being ample to permit the said block, in conjunction with the closing-up movement of the member *f*, to conform to efficiently grip upon the marginal portions of pans or other utensils having varying flares or contours.

While in Fig. 1 the implement is shown as

used in lifting a kettle by its bail, which may be done whether the jaws are open or closed, and in Fig. 2 it is shown how the member *a* on which the hooked extension *f* is supported may be utilized as a stove-cover lifter, and while in Fig. 3 it is illustrated how the device may be employed for placing in or removing from the fire-pot of a stove a pan or other like utensil, the combination utensil may be employed for other purposes beyond those illustrated or enumerated.

I claim—

1. A combination household implement comprising a suitable handle, a jaw extension provided with the elongated member *f* and a second relatively movable jaw provided with the oscillating-block *g*, pivoted thereon, and having its transversely-elongated forward face of arc form and provided between its upper and lower edges with the groove 18, substantially as and for the purposes set forth.

2. A combination household implement, comprising a suitable handle having a jaw extremity *a* formed with the step 10, and the wedge-shaped extension 12 bifurcated at its end, and having the integral downwardly-extended elongated lug *f*, the extremity of which is in the form of a hook, and the relatively movable jaw member *a*², adapted for opening and closing movements relative to said elongated lug *f*, and provided thereon with the block *g* having the arc-formed forward face with the groove 18 therein, and having the ear-lugs 15, 15 through which, and said member *a*², the pivot 16 is passed, substantially as and for the purposes set forth.

3. In a household combination implement, the combination with the lever-handle, A, provided with extremity *a* comprising step 10 and the wedge-shaped and bifurcated extension 12 having the downwardly-extended elongated lug *f* at the rear of said wedge extension, which lug terminates in the forwardly-extended hook member 14, combined with the lever-handle A² pivoted to said handle A and having the angular extension member *a*² extended along adjacent said lug *f*, and provided with the block *g* pivoted thereon, said block having the arc-formed forward face with the groove 18 therein, and a spring exerting an opening pressure between said lever-handles, substantially as and for the purposes set forth.

4. In a household combination implement, the combination with the lever-handle A, provided with extremity *a* comprising step 10 and the wedge-shaped and bifurcated extension 12 having the downwardly-extended elongated lug *f* at the rear of said wedge extension, which lug terminates in the forwardly-extended hook member 14, combined with the lever-handle A² pivoted to said handle A and having the angular extension member *a*² extended along adjacent said lug *f*, and provided with the block *g* pivoted thereon, said

block having the arc-formed forward face with the groove 18 therein, and a spring exerting an opening pressure between said lever-handles, one of said lever-handles having at its rear end a stud or pin and the other an engaging ring, substantially as and for the purposes set forth.

In testimony that I claim the foregoing as

my invention I have signed my name, in presence of two witnesses, this 27th day of December, 1897.

FRANK A. HOLT.

Witnesses:

WM. S. BELLOWS,
M. A. CAMPBELL.