

# UNITED STATES PATENT OFFICE.

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## NUTCRACKER.

1,134,265.

Specification of Letters Patent.

Patented Apr. 6, 1915.

Application filed April 15, 1914. Serial No. 831,895.

*To all whom it may concern:*

Be it known that I, JAMES M. HARPER, a citizen of the United States of America, and a resident of Chicago, in the county of Cook, State of Illinois, have invented certain new and useful Improvements in Nutcrackers, of which the following is a specification.

This invention relates to that type of hand manipulated nut-crackers in which a pair of handled levers are pivotally connected at one end and provided with serrated jaws adjacent to the pivotal connection for breaking engagement with the nuts to be cracked. And the present improvement has for its object to provide a simple and efficient structural formation of parts whereby strength and lightness are attained, and by which the nuts are retained in proper position during the cracking operation and the lateral flying of fragmentary portions of the cracked shells prevented during the cracking operation, all as will hereinafter more fully appear.

In the accompanying drawings: Figure 1, is a perspective view of the present invention in a partly open condition. Fig. 2, is a longitudinal section on line  $x-x$ , Fig. 3, Fig. 3, is a transverse section on line  $x'-x'$ , Fig. 2.

Similar reference numerals indicate like parts in the several views.

Referring to the drawings, 1 and 2 represent the pair of opposed and counterpart carrying members or levers, the free ends of which are rounded to provide convenient hand grips for manipulating the nut-cracker. In the preferred construction shown said members 1, 2, are formed of stampings of plate metal and have side flanges 3 and 4, adapted to afford the requisite stiffness in the carrying members, provide holding channels for the hereinafter described cracking jaws as well as end eyes for the passage of the pivot pin or pintle 5 by which the said carrying members or levers 1, 2, are pivotally connected.

6, are counterpart pairs of opposed crack-

ing jaws, disposed between the respective side flanges 3 and 4 of the carrying members 1 and 2, and held in proper position by intumed lips and embossments on the side flanges 3 and 4 as shown. In the preferred construction of the jaws 6, the same are formed of stampings of plate metal having end supporting flanges or feet 7 that bear against the main web of the carrying members 1 and 2, as shown in Fig. 2.

8 is an extension of one of the side flanges of one of the carrying members aforesaid. Said extension is disposed in adjacent relation to one side of the cracking-jaw 6, and adapted to lap over the side of the companion carrying member and constitute a closure for one side of the nut cracking cavity between the jaws 6. Such construction is adapted to maintain a nut in proper position for an effective cracking thereof, and at the same time the forcible discharge of particles of the shell is prevented, in that the palm of the operator's hand can be safely made to cover the other side of the above mentioned cavity between the cracking jaws.

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

A nut-cracker, comprising in combination, a pair of opposed members having spaced flanges providing holding recesses and pivot ears for the members, a pivot pin passing through the flanges aforesaid, and a pair of opposed cracking jaws disposed in the holding recesses aforesaid and held by intumed portions of said flanges, one of said flanges being extended to constitute a bottom for the nut containing cavity between the jaws.

Signed at Chicago, Illinois, this 8th day of April, 1914.

JAMES M. HARPER.

Witnesses:

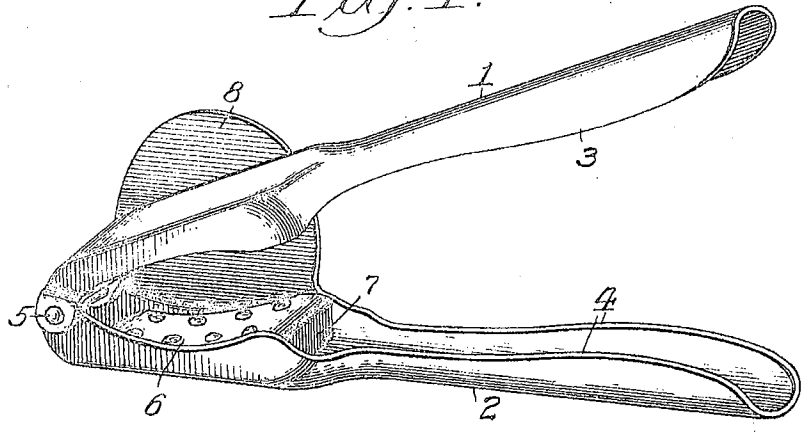
ROBERT BURNS,  
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 NUTCRACKER.  
 APPLICATION FILED APR. 15, 1914.

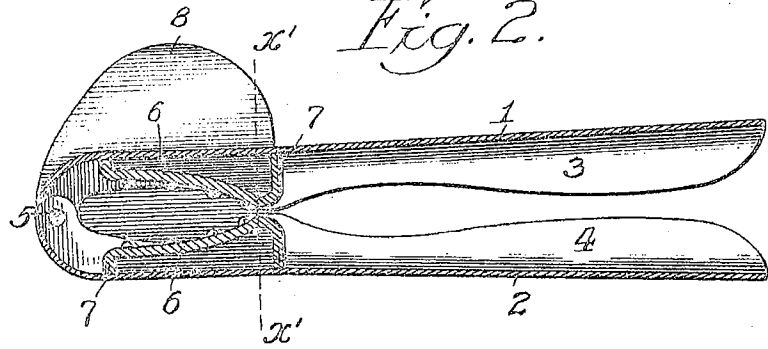
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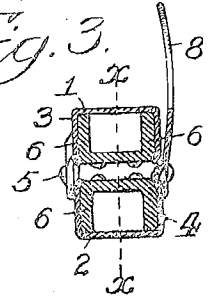
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:  
 John Anders  
 Henry Woz.

Inventor:  
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 Atty.