

S. FLIS.
NUTCRACKER.

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1,044,448.

Patented Nov. 12, 1912.

Fig. 1.

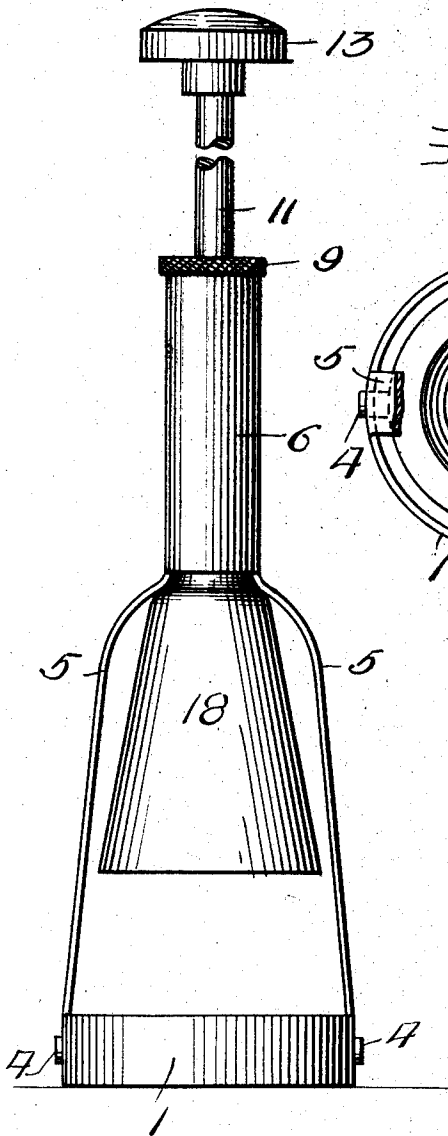


Fig. 3.

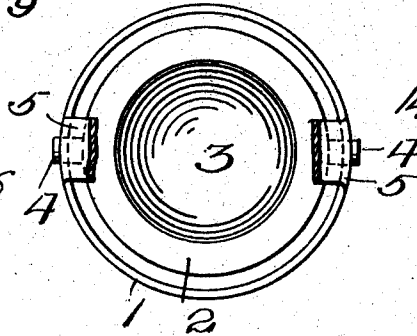
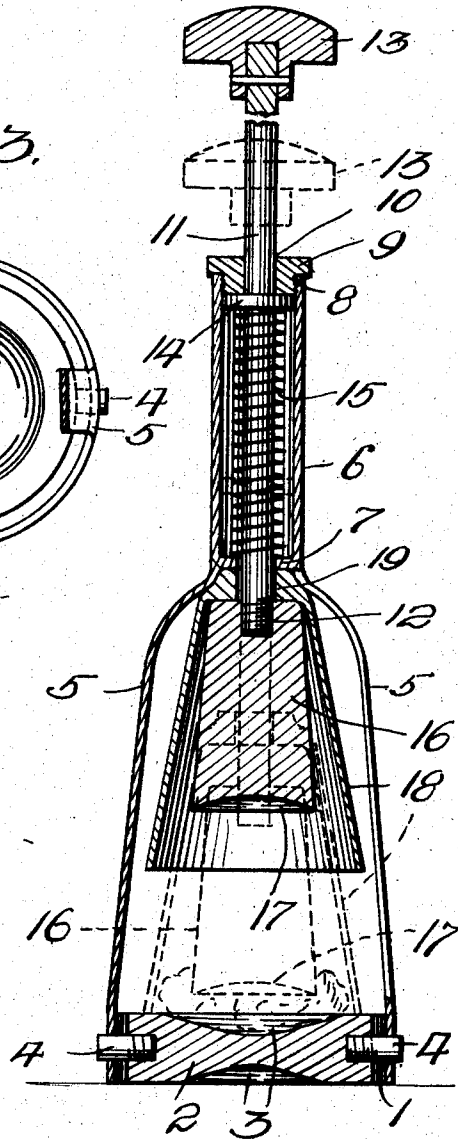


Fig. 2.



WITNESSES

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NUTCRACKER.

1,044,448.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, STANISLAW FLIS, a subject of the Czar of Russia, residing at Curtisville, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Nutcrackers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a nut cracking device, and the primary object of my invention is to provide a nut cracking device wherein simple and effective means are employed, in a manner as will be hereinafter set forth, for cracking or crushing the shell of a nut, without particles of the nut being projected from the device during the cracking operation, thereby preventing waste of the cracked or crushed nut.

Another object of this invention is to provide a nut cracking device that is simple in construction, durable, and of such construction that the hands cannot be injured during the nut cracking operation.

I attain the above objects by a mechanical construction that will be hereinafter specifically described and then claimed, and reference will now be had to the drawing, wherein:—

Figure 1 is a side elevation of the nut cracking device, partly broken away, Fig. 2 is a vertical sectional view of the same, and Fig. 3 is a horizontal sectional view of the nut cracking device, showing the invertible base of the device.

The reference numeral 1 denotes a base ring or band and trunnioned in this ring or band is an invertible base or bottom plate 2 having the flat sides thereof provided with recesses 3. The invertible base or bottom plate is held by pins 4 screwed in the side walls of the base or bottom plate, said pins being pivotally mounted in the ring or band 1, as best shown in Fig. 2 of the drawing.

The base ring or band 1 is provided with oppositely disposed vertical arms 5, said arms having the upper ends thereof bent inwardly to form an arch over the invertible base 2. The upper ends of the arms 5 support a vertical cylinder 6 having the lower end provided with an opening 7 and the upper end thereof open with the walls thereof interiorly screw threaded. Screwed in the

upper end of the cylinder is a cap 9 having a central vertical opening 10 alining with the opening 7 in the lower end of the cylinder.

Movably mounted in the openings 7 and 10 is a plunger or push rod 11 having the lower end thereof screw threaded, as at 12 and the upper end thereof provided with a knob or handle 13. The plunger or push rod 11, at a point approximately intermediate the ends thereof, is provided with a fixed washer 14, and encircling said plunger or push rod, between the washer 14 and the lower end of the cylinder 6 is a coiled spring 15.

Mounted upon the lower threaded end of the plunger or push rod 11 is a cracking head 16 having the lower end thereof provided with a recess 17 adapted to confront one of the recesses 3 of the base or bottom plate 3. Loosely mounted upon the upper end of the cracking head 16 is a bell-shaped hood or dome 18 having the lower end thereof open and the upper end provided with an opening 19 for the plunger or push rod 11. The hood 18 is of a greater depth than the cracking head 16, whereby when the plunger or push rod 11 is lowered, the lower edges of the hood 18 will rest upon the invertible base or bottom plate 2, prior to the cracking head 16 engaging the nut placed in the recess 3 of the invertible base or bottom plate 2.

To crack nuts placed upon the base or bottom plate 2, it is only necessary to strike the knob or handle 13 a blow, when the cracking head 16 will be lowered to crack or crush the shell of the nut. The hood prevents pieces of shells from being projected from the device, consequently particles of the nut cannot be wasted. Immediately upon the cracking head 16 cracking or crushing a nut, said head is restored to its normal position by the tension of the spring 15.

The cracking device in its entirety can be made of light and durable metal, and of various sizes.

What I claim is:—

A nut cracking device comprising a band, an invertible base trunnioned in said band and having the top and bottom thereof provided with recesses, an arch carried by said

band, a cylinder supported by the top of said arch, a spring supported plunger arranged in said cylinder, a knob carried by the upper end of said plunger, a cracking head carried by the lower end thereof and having a recess confronting the invertible base, and a dome-shaped hood loosely mounted upon the upper end of said cracking head and adapted to engage said invertible base

in advance of said cracking head engaging 10 a nut.

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

STANISLAW FLIS.

Witnesses:

GEO. C. MAGILL,

JOS. F. BAUMGARTEL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."