W. GALLIHUGH.

VEGETABLE PARER AND SLICER.

APPLICATION FILED OCT. 19, 1910.

984,475. Patented Feb. 14, 1911.

Fig. 1.

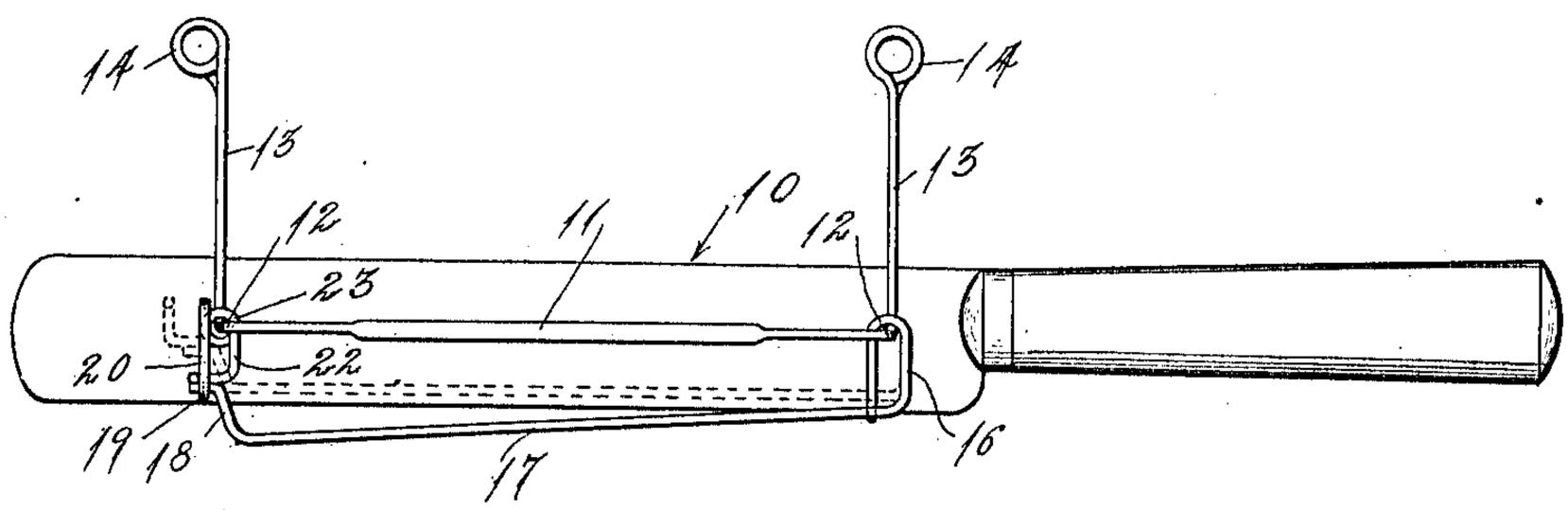


Fig. 3.

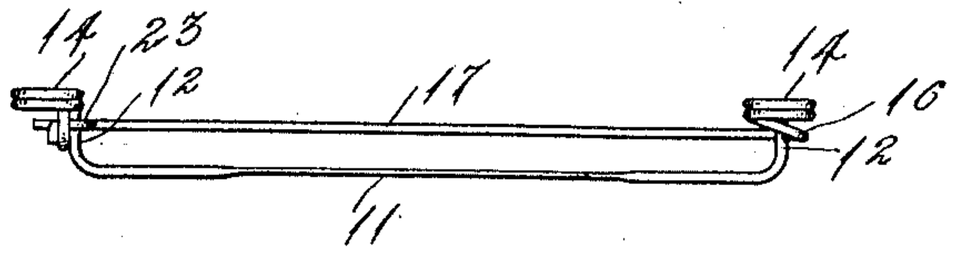
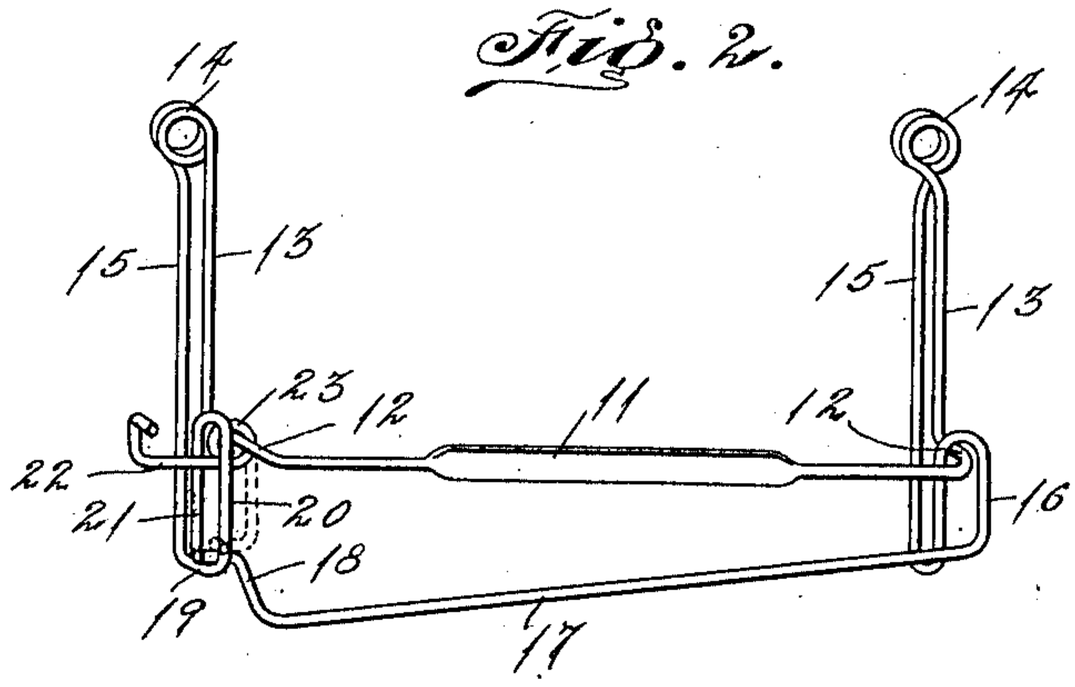


Fig. 2.



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UNITED STATES PATENT OFFICE.

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VEGETABLE PARER AND SLICER.

984,475. Specification of Letters Patent. Patented Feb. 14, 1911.

Application filed October 19, 1910. Serial No. 587,953.

To all whom it may concern:

Be it known that I, WAYNE GALLIHUGH, a citizen of the United States, residing at St. Paris, in the county of Champaign, State of Ohio, have invented certain new and useful Improvements in Vegetable Parers and Slicers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to paring knives more particularly to gage attachments for paring knives.

The object of the present invention is to provide a gage that will have a spring gage arm, this arm yielding during operation of slicing of vegetables to expose a greater portion of the paring knife blade than ordinary so that the slicing operation is accomplished quicker and with less manual effort than usual.

A further object of the invention is to provide a gage having novel means for locking its spring arm against movement so that the gage may be used rigid in paring vegetables.

In the accompanying drawing forming part of this specification, Figure 1 is a side elevation of a paring knife with my improved gage attachment applied thereto, the spring arm being shown dotted in released position. Fig. 2 is a detail perspective view of the gage detached showing the latch dotted in position for locking the spring arm in rigid position. Fig. 3 is a plan view of the gage.

Referring now to the drawing, 10 designates an ordinary paring knife.

The gage comprising the subject matter of this invention is formed preferably from a single length of stiff wire, and comprises a straight shank 11 the opposite ends of which are bent laterally at right-angles to the shank as shown at 12, then bent abruptly upwardly as shown at 13, these upwardly bent portions being then bent to form helical spring eyes 14, thence directed downwardly as shown at 15, these downwardly bent portions coöperating with the upwardly bent portions 13 in forming clamps that engage the opposite sides of the paring knife blade, the spring eyes permitting of the clamps being spread apart for the insertion therebetween of knife blades of greater thickness than usual. That clamping portion 15 which is designed to be disposed adjacent to the handle of the paring knife when applied, extends considerably below the laterally bent portion or seat 12 of the shank and is then bent abruptly upwardly and looped over this seat in a staple like loop as shown at 16, the terminal of this staple like loop being extended forwardly in a straight arm 17 which will hereinafter be referred to as a yielding arm in so much as the staple like loop performs the function of a spring that will permit of the arm yielding toward and away from the straight shank 11. This yielding arm terminates at its forward end in an upturned hook 18. For limiting the movement of the yielding arm that clamping portion 15 which is arranged adjacent to the tip of the paring knife blade when applied, is continued considerably below the forward seat 12 of the shank and is then directed abruptly laterally to form a stop 19 which nearly underlies the seat 12 and engages with the hook of the yielding arm. The wire is bent abruptly upwardly from the stop 19 as shown at 20 and thence looped upon itself, the terminal 21 of this loop being spaced from and arranged approximately in parallelism with the portion 20 of the loop, this loop forming a guide loop which encircles and directs the sliding movements of the yielding arm hook.

By the above arrangement of parts when the knife is being used in slicing vegetables, the yielding arm will, as the knife is placed in position for beginning to slice gage the thicknesses of the slice, but as the knife is advanced through the vegetable the yielding arm will yield in the direction of the shank 11 so that a considerable portion of the blade is exposed, and will be thus unhampered in cutting operation as is the case in many of the usual devices of this kind in which the gage arms do not yield during the slicing operation.

In paring vegetables a rigid gage arm is desired and to attain this end in the present invention, a hook like latch 22 is provided remote from its bill with an eye 23 which encircles the forward seat 12, this hook being adapted to swing downward in the guide loop and engage with the hook of the yielding arm, pressing the yielding arm hook into tight engagement with the stop 19 and locking the same in this position. It will be observed that the arm now will be rigid so that the device may be used as an ordinary paring gage.

What is claimed, is:—

1. A gage attachment for knives comprising a shank adapted to extend along the knife blade and having terminal spring loops for clamping a knife blade, a spring arm carried by said shank and yielding in the direction of said shank during slicing operation of the knife, and a guide loop carried by said shank and directing the yielding movement of the free end of said yielding arm.

2. A gage attachment for knives comprising a shank having terminal upstanding knife blade clamping loops, a yielding arm carried by said shank and extending therealong, a guide loop carried by said shank engaging the free end of said yielding arm, and a latch pivoted on said shank and mounted for swinging movement in said guide loop, said latch operating to lock said yielding arm against movement in said guide loop.

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

WAYNE GALLIHUGH.

Witnesses:
W. C. Wright,
Sarah D. Heck.