

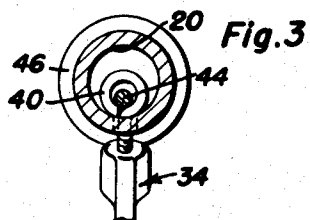
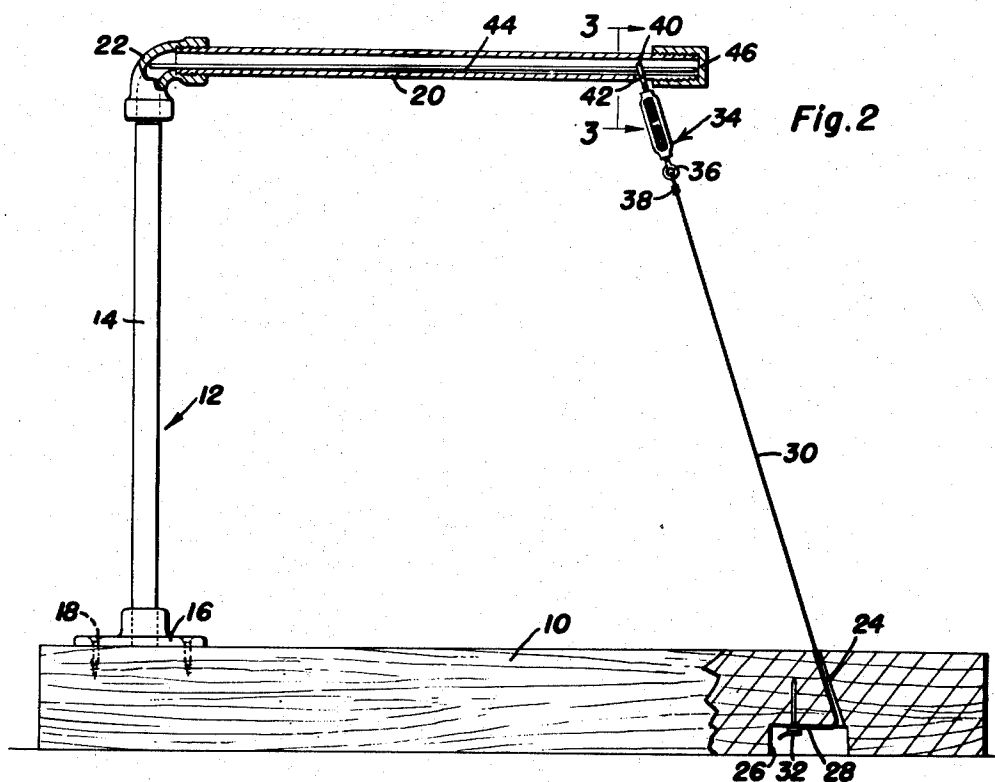
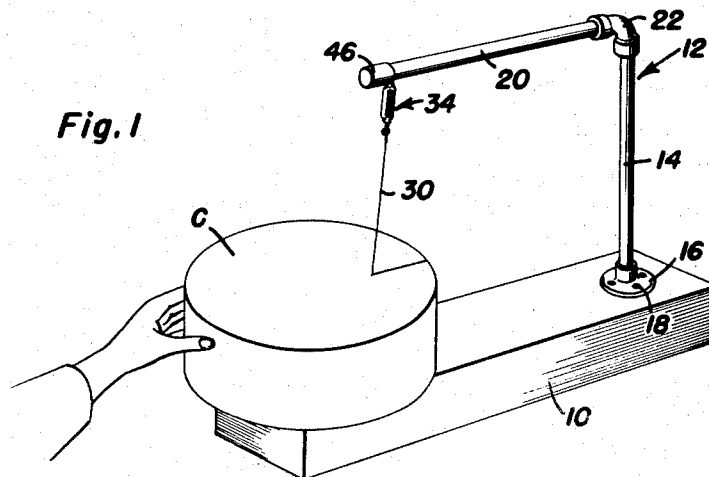
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CHEESE SLICER

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CHEESE SLICER

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4 Claims. (Cl. 31—25)

1 This invention relates to new and useful improvements in cutting devices and the primary object of the present invention is to provide a device for cutting or slicing blocks or wheels of cheese.

Another important object of the present invention is to provide a cheese slicer involving a vertically inclined wire element or guitar string against which a block or wheel of cheese is pressed in order to effectively slice or cut the cheese.

A further object of the present invention is to provide a cheese slicer of the aforementioned character involving novel and improved means for adjustably securing the upper end of the vertically inclined guitar string or wire element to a support in order to retain the guitar string properly stretched and tensioned.

A still further aim of the present invention is to provide a cheese cutter that is simple and practical in construction, strong and reliable in use, neat and attractive in appearance, efficient and durable in operation, inexpensive to manufacture, and otherwise well adapted to the purposes for which it is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view showing the present invention in use;

Figure 2 is a side elevational view of the present invention, and with parts thereof broken away and shown in section for the convenience of explanation; and,

Figure 3 is an enlarged detailed vertical sectional view taken substantially on the plane of section line 3—3 of Figure 2.

Referring now to the drawings in detail, wherein for the purpose of illustration, there is disclosed a preferred embodiment of the present invention, the numeral 10 represents an elongated substantially rectangular base having a flat upper surface constituting a platform or slide surface for a block or wheel of cheese C. The rear end of the block supports an upstanding holding or supporting member 12 including a vertical post or upright 14 having a lower flanged portion 16 that is removably secured to the upper face and rear end of the block or base 10 by fasteners 18. The support 12 also includes a horizontally extending tubular or hollow arm 20 that overlies the base 10 and which is se-

2 cured to the upper end of the post 14 through the medium of an elbow 22.

The forward end portion of the base 10 is formed with a vertically inclined bore 24 that communicates at its lower end with a recess 26 provided in the undersurface of the base 10. The lower end 28 of a wire element or guitar string 30 extends through the bore 24 and is secured against the wall of the recess 26 by a fastener 32.

Means is provided for releasably securing the upper end of the guitar string 30 to the horizontal arm 20. This means comprises a turnbuckle 34 having a lower eye screw 36 that is suitably attached to the upper end 38 of the guitar string or wire element 30. The turnbuckle 34 also includes an upper eye screw 40 that extends upwardly into the interior of the arm 20 through a slot or opening 42 adjacent the outer end of the arm 20.

A retaining rod or bar 44 extends into the tubular arm 20 through the outer open end thereof. The bar 44 extends through the eye screw 40 and its inner end engages the elbow 22 to prevent sliding movement of the bar 44. In this manner, the turnbuckle 34 is secured to the arm 20 and the eye screw 40 is held against outward movement through the opening 42. A closure cap and abutment 46 is secured to the outer open end of the arm 20 to retain the rod 44 within the arm 20 and against forward sliding movement.

In practical use of the present invention, and as the guitar string or wire element slopes upwardly and rearwardly from the forward end of the base 10, it is merely necessary to place the block or wheel of cheese C upon the forward end of the base 10 and move the cheese C rearwardly toward the upright 14 whereby the element 30 will effectively slice or cut the cheese. Tensioning of the element 30 is accomplished by manual actuation of the turnbuckle 34, since it is necessary to retain the wire element or guitar string 30 properly stretched in order to effectively slice the cheese.

It is critical that the element 30 be inclined relative to the base 10 at a slope ratio of 1 to 4. In other words, there will be approximately a one inch rise of the guitar string for each four inch horizontal distance.

In view of the foregoing description, taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in

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this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A cheese slicer comprising a base having a flat upper surface to slidably receive cheese thereon, a support attached to the base and including a substantially horizontal arm overlying the base, a vertically inclined thin wire element having a lower end attached to the base, said arm being hollow and having an opening, a turnbuckle including upper and lower eye screws, said lower eye screw being attached to the upper end of said wire, the upper eye screw extending into the opening, and a rod in the arm and extending through the upper eye screw to hold the latter in the opening.

2. A cheese slicer comprising a flat elongated base, a support at one end of the base and including a horizontal hollow arm overlying the base, a vertically inclined wire element having its lower end anchored to the end of the base remote from the support, and adjustable fastening means attached to the upper end of the wire element and internally attached to the arm to retain the wire element taut between the arm and the base.

3. A cheese slicer comprising a flat elongated

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base, a support at one end of the base and including a horizontal hollow arm overlying the base, a vertically inclined wire element having its lower end anchored to the end of the base remote from the support, said arm having an outer end, said arm also having an opening facing the base, a turnbuckle attached to the upper end of said wire element and including an eye screw extending upwardly into the arm through the opening, a rod received in the arm through the open end thereof and extending through the eye screw to hold the latter in the opening, and a cap on the open end of the arm retaining the rod in the arm.

4. The combination of claim 3 wherein said base includes a vertically inclined bore receiving the lower end of the wire element, the under-surface of said base having a recess about the lower end of the bore, and a fastener securing the lower end of the wire element in the recess.

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