

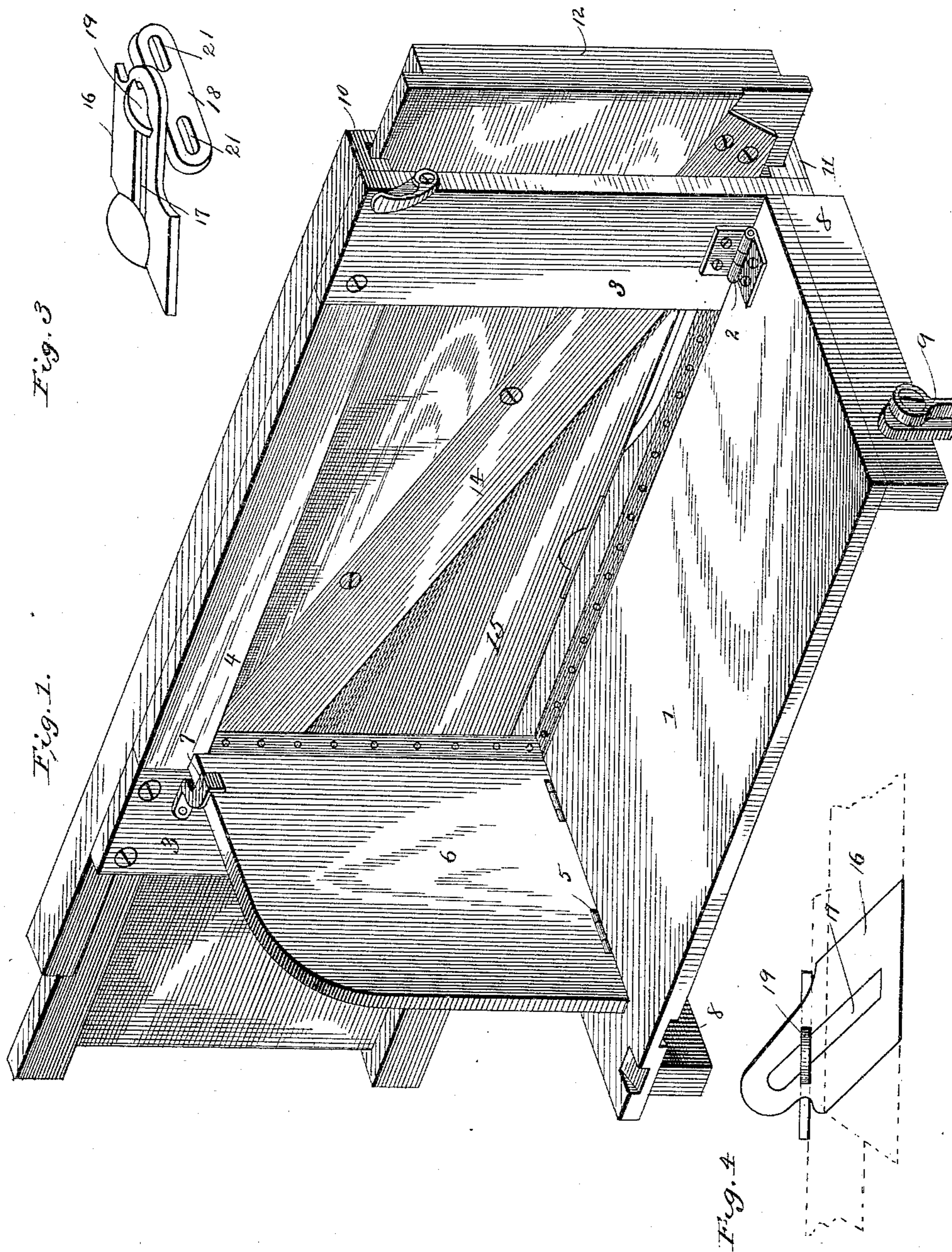
(No Model.)

J. SPILLINGER.
SLICER.

2 Sheets—Sheet 1.

No. 436,507.

Patented Sept. 16, 1890.



Witnesses:
J. M. Fowler Jr.
W. J. Swan

By his Attorneys,

C. A. Snow & Co.

Inventor
Joseph H. Spillinger

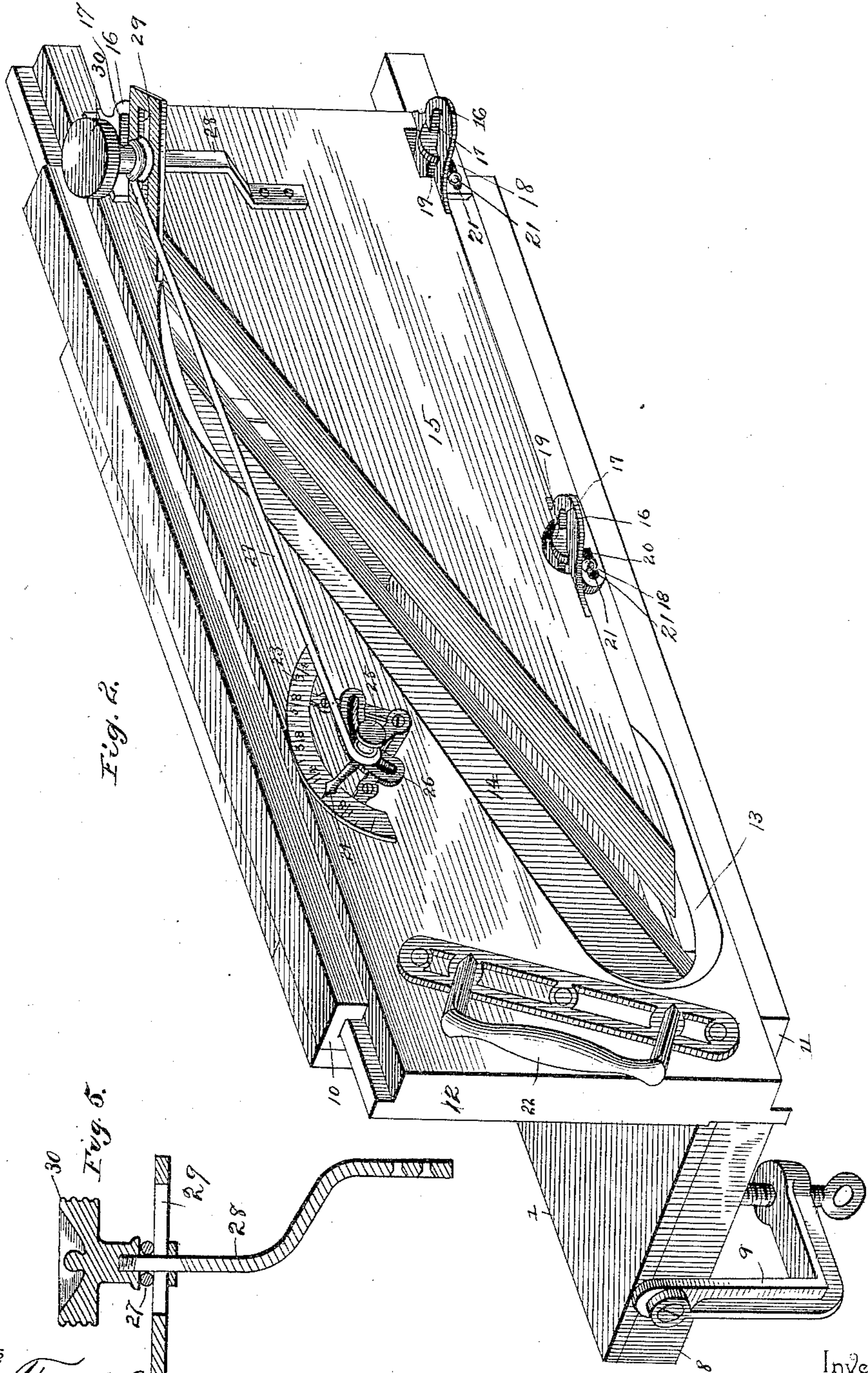
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UNITED STATES PATENT OFFICE.

JOSEPH SPILLINGER, OF PHILADELPHIA, PENNSYLVANIA.

SLICER.

SPECIFICATION forming part of Letters Patent No. 436,507, dated September 16, 1890.

Application filed June 19, 1890. Serial No. 355,979. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH SPILLINGER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Slicer, of which the following is a specification.

This invention has relation to a combined meat, bread, and vegetable cutter; and the objects of the invention are to provide a cheap, simple, and effective slicer or cutter with improved means for adjusting the parts so as to make slices or cuts of desired or varied thicknesses.

With the above general objects in view, the invention consists in certain features of construction hereinafter specified, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of a slicer constructed in accordance with my invention, the view being in front of the same. Fig. 2 is a similar view taken from the rear. Fig. 3 is a detail in perspective of the slotted adjusting-brackets and guides. Fig. 4 is a plan view of the same. Fig. 5 is a detail in section of the set-screw and gage-bracket.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 designates the base or table, to the outer edge of which near its ends are hinged, as at 2, the vertical standards 3 of a guide-frame 4. Near one of said standards there is hinged, as at 5, a leaf or head-block 6, which is adapted to fold flat upon the table or vertically thereover, and when in the latter position is locked by a pivoted hook 7, secured to the frame 4, and is adapted to serve as a stop against which the bread may be held so as to insure its being fed at a right angle to the knife. When in a vertical position the leaf takes against the inner edge of the adjacent upright of the frame 4, and when in a flat position the frame 4 folds over upon the table and incloses the leaf.

8 designates a pair of cleats secured on the under side of the table 1, and one of said cleats is provided with a binding-clamp 9, whereby the device may be secured to a table and locked against movement during the operation of the same.

The frame 4 is provided with upper and lower guides 10 and 11, respectively, and in the same there is mounted for reciprocation the knife-carrying slide or block 12, which is provided with an irregular substantially triangular opening 13, in which is secured the knife or blade 14.

15 designates the gage-board, which is inserted in the irregular opening 13, and is of substantially triangular shape. This gage-board is provided with a pair of brackets 16 on its under edge and upon its upper edge with a similar bracket 16, each of said brackets being provided with a diagonal slot 17. The upper and lower edges of the opening 13 are provided opposite the brackets 16 with guide-brackets 18, provided upon their inner edges with guide-lugs 19, which engage and ride in the diagonal slots 17 of their respective brackets 16. The brackets 18 are each provided with longitudinal slots 20, through which are passed set-screws 21, by which said brackets may be readily adjusted, so as to bring the gage-board to a proper point.

22 designates a handle for operating or reciprocating the knife-block in the guides 10 and 11.

23 designates a curved gage-plate secured to the knife-block above the knife and provided with numerals designating the thickness of the slices which may be cut by the cutter. Over the scale moves the pointer 24, which is provided with a set-screw 25. The set-screw 25 serves to bind the pointer in any desired position upon the scale, and the inner end of the screw moves in a track 26, in which said screw binds. Connecting with the screw is one end of a connecting-rod 27, the opposite end of said rod terminating in an eye and taking loosely over the upper end of a bracket 28, projecting from the gage-board 15. The upper end of the bracket is threaded and passes through a slotted diagonally-disposed plate 29, and above the plate and the eye of the rod is provided with a binding-screw 30.

The operation of the cutter will be at once understood, in that to set the gage-board a desired distance from the knife the set-screw of the gage is loosened, together with the screw 30, and the gage-board moved laterally,

the guide-brackets moving in the slots 17 of the upper brackets 16. When the pointer upon the gage-plate indicates the desired thickness of slice, the set-screw 25 is tightened, 5 and also the set-screw 30. In this manner the gage-board is maintained in a desired rigid position with relation to the knife-block, and uniform cuts or slices are made.

Having described my invention, what I 10 claim is—

1. In a slicer of the class described, the combination, with the table and the vertical guide-frame having upper and lower longitudinal guides, of the reciprocating knife-block hav- 15 ing an opening, the gage-board loosely fitting the opening, brackets secured to the opposite edges of the opening and having inwardly-disposed guide-lugs, brackets secured to the opposite edges of the gage-board and having 20 diagonal slots engaging the lugs, a diagonally-disposed slotted plate projecting from the edge of the opening of the knife-block, a bracket extending from the gage-board to the slot of said plate, and a binding-screw mounted on the

upper end of said bracket above the plate, 25 substantially as specified.

2. In a slicer of the class described, the combination, with the base, the vertical guide-frame having opposite guides, the knife-block mounted for reciprocation in the ways and 30 provided with an opening, the gage-board mounted in the opening, and diagonally-disposed guides connecting the board with the block, of a bracket extending from the board, a slotted plate extending from the block for 35 the reception of the bracket, a binding-nut mounted on the bracket and adapted to bind upon the rod, and a gage-scale connected with and operated by said rod, substantially as specified. 40

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOSEPH SPILLINGER.

Witnesses:

A. S. DINGEE,

W. S. EVERHAM.