

GEORGE VINCENT'S
Blocker for Ribbons, Laces, and other Goods.

112656

PATENTED MAR 14 1871

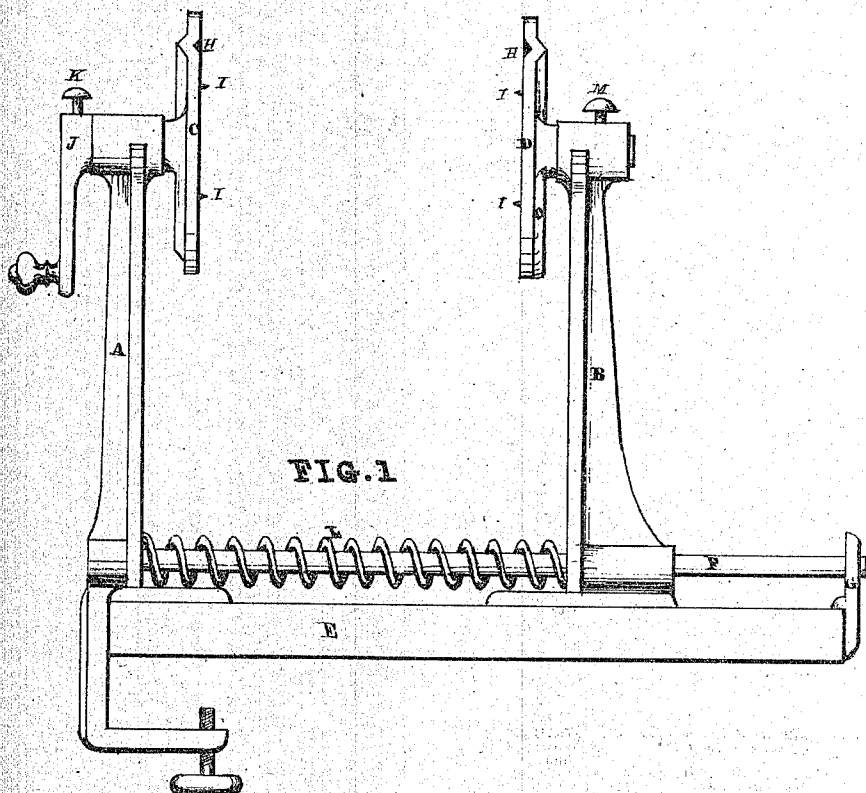


FIG. 1

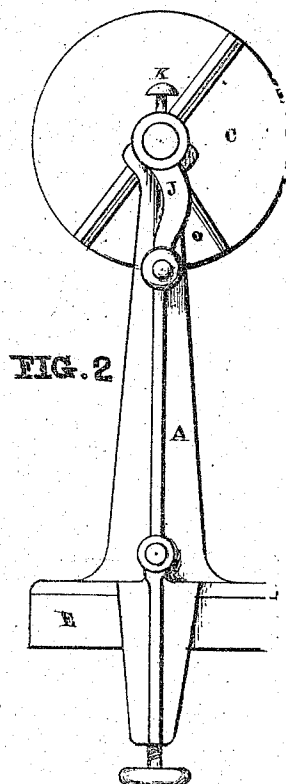


FIG. 2

FIG. 3

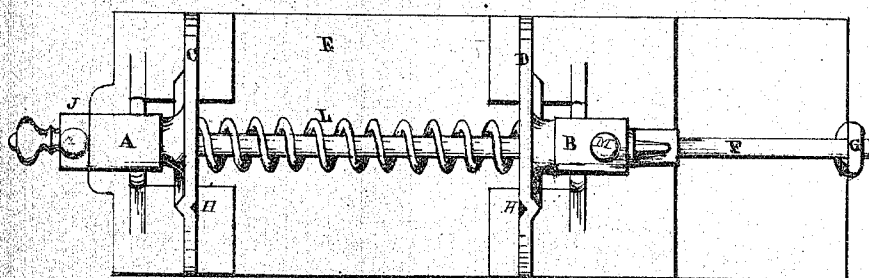


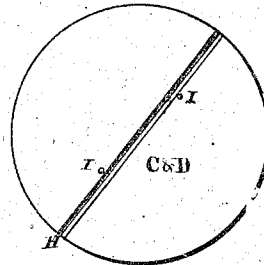
FIG. 5



FIG. 6



FIG. 4



Witnesses;

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Inventor;

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United States Patent Office.

GEORGE VINCENT, OF STOCKTON, CALIFORNIA.

Letters Patent No. 112,656, dated March 14, 1871.

IMPROVEMENT IN MACHINES FOR BLOCKING RIBBONS, &c

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, GEORGE VINCENT, of the city of Stockton, county of San Joaquin, State of California, have invented a new and useful Machine for Blocking Ribbons, Laces, or other goods that are usually blocked, of which the following is a specification.

Description of Accompanying Drawing.

Figure 1 is a side view of the machine.

Figure 2 is an end view of the same.

Figure 3 is a top view of the same.

Figure 4 is a face view of the disks C and D.

Figure 5 is a side view of the chuck or center, to be used when the goods are wider than the length of the block or board upon which they are to be blocked.

Figure 6 is a top view of fig. 5.

General Description.

A and B are standards, with suitable bearings to receive the axles of the disks C and D.

A is attached firmly to the bed-piece E, and projects below the bed-piece, and has an arm turning under the same, and is provided with a thumb-screw or other suitable device for the purpose of securing the machine to a counter-table or bench.

Attached to the standard A is the guide F, the opposite end of which is secured to the bed-piece at G.

The standard B slides loosely upon the guide, and is kept in its upright position by the contact of its base with the bed-piece E.

The standards A and B are connected by a contracting, spiral, or a rubber spring, L, or an expanding spring of any suitable material may be used between the standard B and the lug G for the same purpose.

The disks C and D are made with one or more grooves, H H, across their faces, to receive a card or board, such as are used for laces and other goods, and with points I I, for holding blocks or rollers, such as are used for ribbons.

Each of the disks C and D has an axle supported in suitable bearings on the standards A and B, and the axle of C having the crank J attached to it.

The disks are provided with weights O O, for the

purpose of bringing the grooves H H in proper position for the reception of the card or board to be used.

The operation of the machine is as follows:

For blocking ribbons the standard B is drawn back and the block to be used is placed between the disks C and D, when the contraction of the spring L will force the points I I into the block sufficiently to hold it in position while being turned by the crank J to wind the ribbon, the edges of the ribbon at the same time being guided by the faces of the disks.

For blocking laces or similar goods, the weights O O, by their gravity, bring the grooves H H parallel to each other, so that when the standard B is drawn back to admit the card or board it can be placed in both grooves at once, thus keeping it central with the axes of the disks.

For blocking goods that are wider than the length of the block or board upon which they are to be blocked, the disk D is removed from its bearing by removing the screw or pin M, (which secures the axle endwise by fitting into a groove,) and replaced by the chuck or center N, which is small enough to allow the goods to wind around it.

When it is desirable to unwind goods rapidly the crank J can be removed by taking out the screw or pin K.

The object of my invention is to make a portable blocker, easily adjusted to different lengths or widths of blocks or boards upon which goods are blocked, and which can be readily attached to any counter, table, or bench, and especially adapted to the use of retail dealers in dry-goods.

Claim.

What I claim as my invention, and wish to secure by Letters Patent, is—

The disks C and D, with the grooves H H and the points I I I I, in combination with the standards A B, substantially as and for the purposes hereinbefore set forth.

GEORGE VINCENT.

Witnesses:

HERBERT E. HALL,
G. C. HYATT.