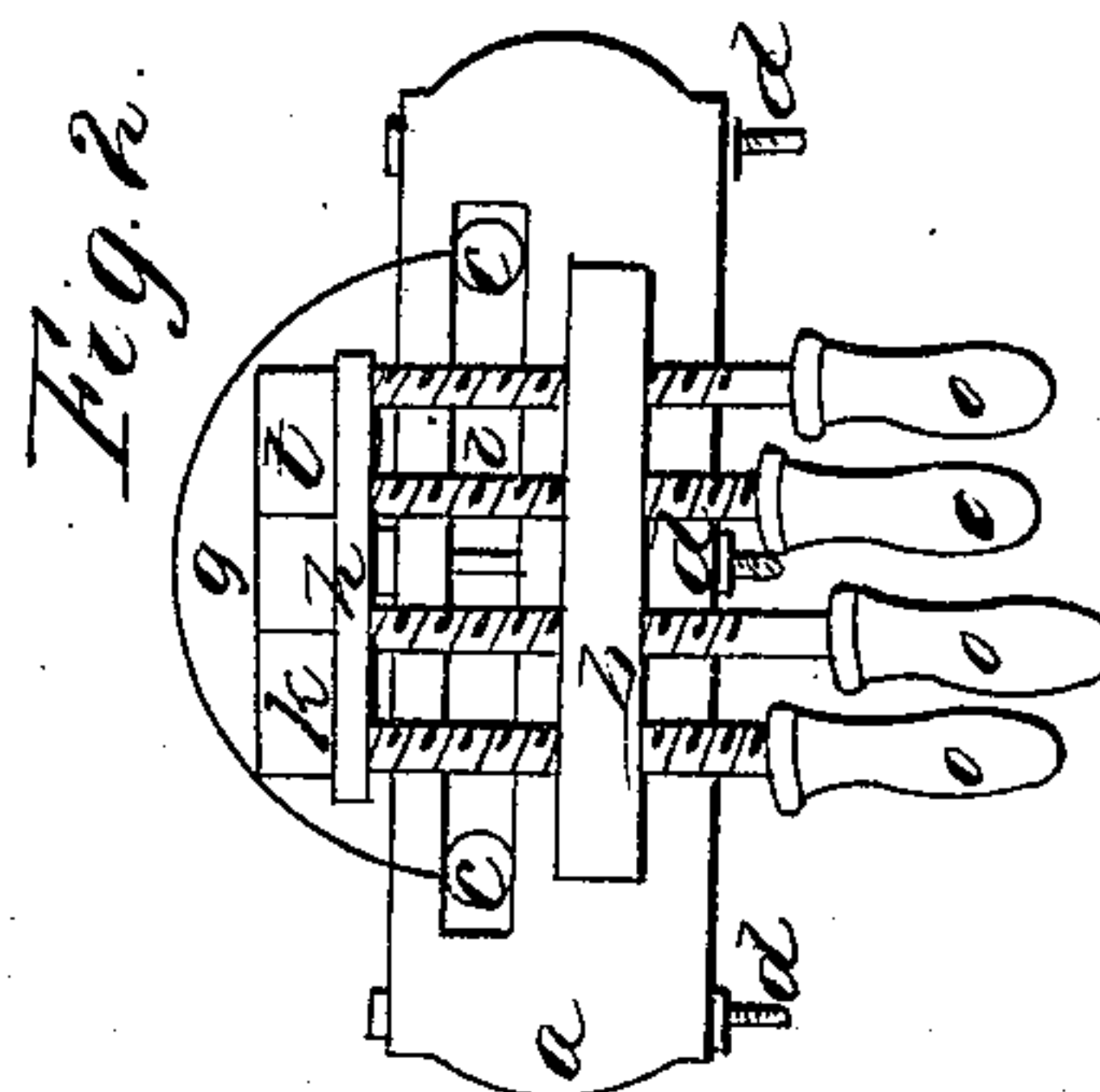
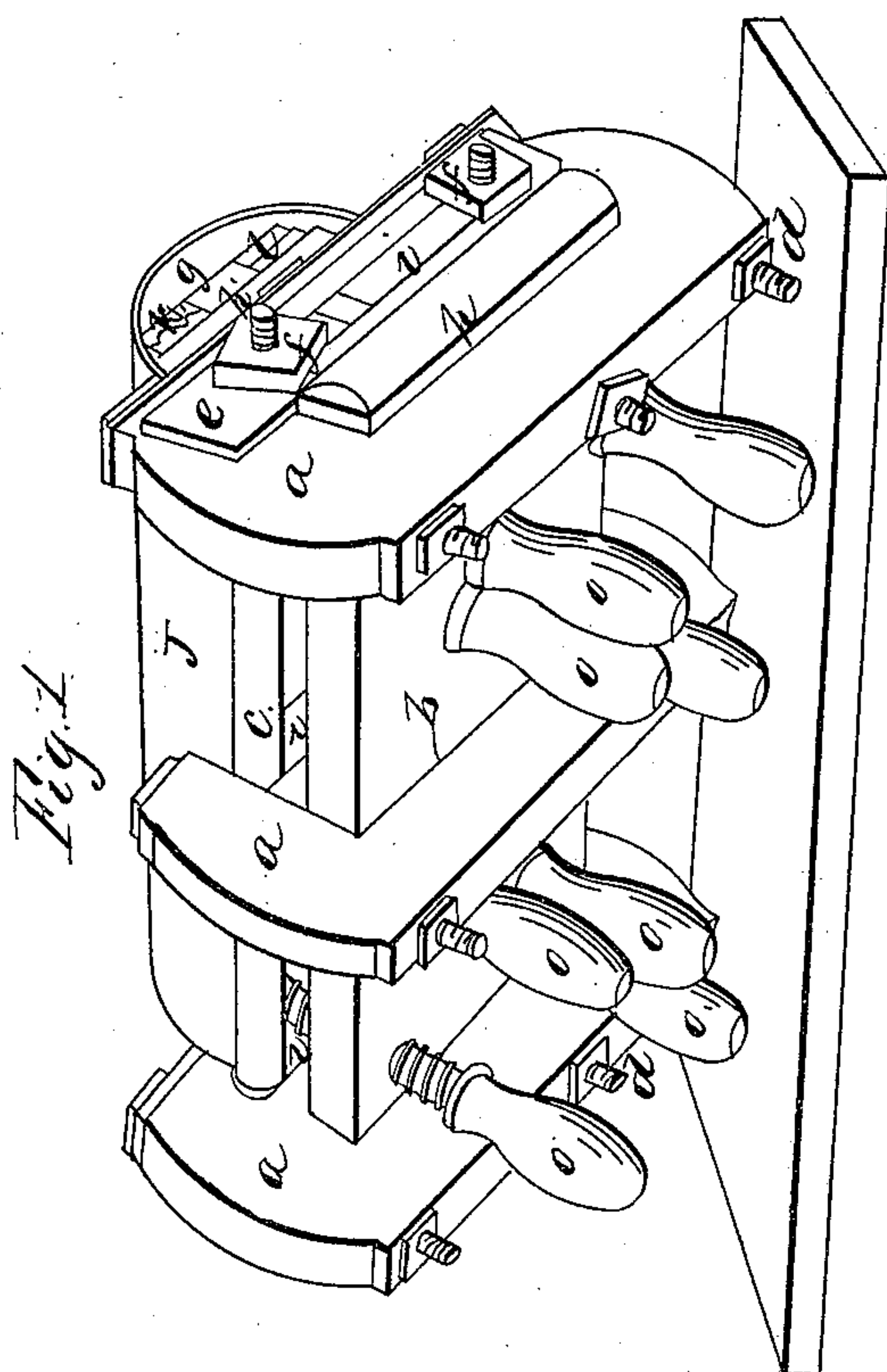


C. Kittinger,
Cutting Veneers.
N^o 1,514. Patented Mar. 14, 1840.



UNITED STATES PATENT OFFICE.

CASPER KITTINGER, OF MASSILLON, OHIO.

MACHINE FOR LAYING ON VENEERS STRAIGHT OR CURVED.

Specification of Letters Patent No. 1,514, dated March 14, 1840.

To all whom it may concern:

Be it known that I, CASPER KITTINGER, of Massillon, in the county of Stark and State of Ohio, have invented a new and
5 Improved Mode of Veneering with Mahogany or Any other Kind of Wood, Both for Straight and Circular Work of All Kinds and Descriptions of Moldings, Drawers, Fronts, &c., reference being had to the accompanying drawings, which make a part
10 of the description, in which—

Figure 1 is a perspective view and Fig. 2 a transverse section.

To enable others skilled in the art to make
15 and use my invention, I will proceed to describe its construction and operation.

I take a piece of two inch plank *b*, of some hard wood, say six or eight feet long and one foot wide, which I make use of for
20 a nut, through which the screws *o*, *o*, *o*, *o*, *o*, *o*, &c., say from one to forty pass. I then take three or more pieces of hard wood *a*, *a*, *a* of two inch plank, say two feet long and one foot wide, through each end of
25 which, as shown at *d*, *d*, I pass a screw bolt to prevent them from splitting by force of the screws *o*, *o*, &c., when in operation. I then make a mortise through each of those pieces for the plank *b* to slide into or
30 through, as shown at *h*. One of these is placed at each end and one in the middle of the plank *b*. I then make another mortise in each of the same pieces as shown at *i*, *i*, *i* to admit of the rods or bolts *c*, *c*, secured
35 with nuts *f*, *f*, and to admit of the setting of

the rods *c*, *c*, to any width of work; these mortises should be lined with plates of metal, those rods or bolts may be made of wood or iron and will require to be the same length as the plank *b*. I then take a
40 band *j* of sheet iron, leather, or cloth, two ends or sides of which I make fast to the rods *c*, *c*, either by nailing on or screwing around. I then take a piece of plank of such length and width as will accommodate
45 the work to be veneered and place it on the ends of the screws, on which plank *h'* I place the work *k*, *l*, to be veneered over which the cloth or band passes. I then turn the screws which press the work sufficiently
50 tight against the bands to produce the desired effect.

What I claim as my invention is—

The combination of the screw or screws and band when constructed substantially as
55 herein described, using for that purpose any metal or other substance which will produce the intended effect; Fig. 2 a cross section of the machine; *a*, one of the blocks; *b*, bed piece through which the screws *o*, *o*, pass;
60 *d*, *d*, *d*, screws to prevent block *a* from splitting; *i*, mortise for rods *c*, *c*, to work back and forth in; *j*, the band; *h* a plank on which to place the work to be veneered; *g*, a plank over which the band *j* passes to
65 press the work.

CASPER KITTINGER.

Witnesses:

JOHN WALTER.

HENRY GADAIS.