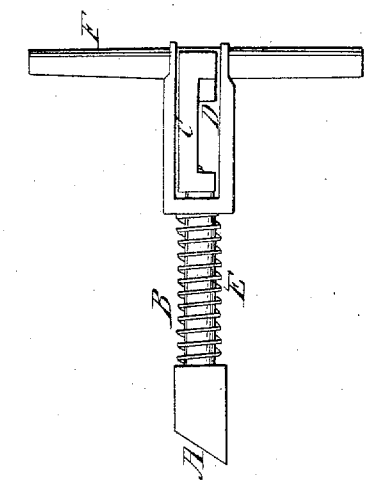
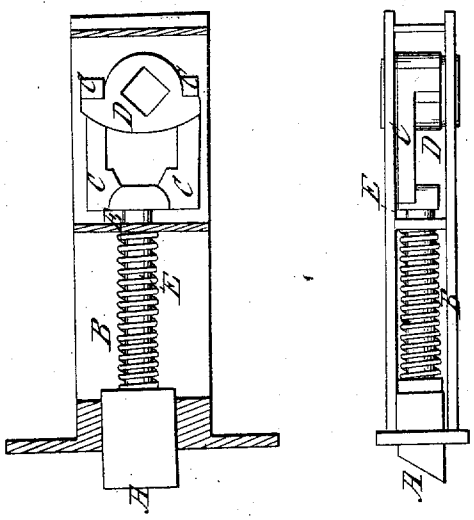
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J. G. Hotchkiss,

Latch.

Patented June 19, 1835.





A.M. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS.)

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John G. Hotchkiss.
Letters Patent. (Dated June 19. 1835.)

The Schedule referred to in these Letters Patent and making part of the same, containing a description in the words of the said John G. Hotchkiss himself of his improvement in the Mortice Lock & Latch for chamberdoors called "Hotchkiss's Mortice Lock & Latch."

Be it known that I, John G. Hotchkiss of New Haven, County of New Haven, and State of Connecticut, have made an improvement in the mortice lock & latch for chamber doors — called Hotchkiss's Mortice Lock & Latch" which are described as follows. This lock consists of the bolt; spiral spring, & the case in which the tumbler acts; the tumbler which acts in the shank of the bolt, and to which is attached the spiral spring, the spiral spring, wound round, and fastened or clipped on to one end of the bolt, and the bolt & guard of the lock all these parts of the lock are similar to those now in use, except the tumbler & the case in which it acts & wherein my improvements for which I claim a patent, rests. The case is made of brass or any other suitable metal, it is attached to the shank of the bolt round which the spiral spring is wound, and has an opening in it to receive the spindle and to allow it to play freely, it has also a shoulder against which the tumbler acts to carry the shaft of the bolt back as well as to compress the spiral spring. The tumbler is made the segment of a circle having a square opening in a projecting piece to receive the spindle. This tumbler when turned by the knot & spindle carries back the case with the shank attached to it & compresses the spiral spring. A guard or tumbler to the lock secured to the plate, serves as a rest to support the spiral spring with the bolt, & through which the shank passes. This guard is also used as a tumbler to the bolt of the lock. This invention may be used in the latch singly by making the tumbler upon the spindle & forming a step or tumbler channel, through the end of which the shank of the bolt passes & upon which the spring rests, the case at the end of the bolt works within the step or tumbler channel & the end of the step fits the circumference of the spindle as a tumbler. Operation. The spindle which is attached to its knobs or handles

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is inserted into the square opening in the tumbler, and being turned partly round contracts the spiral spring by forcing the case backwards of the striker, & admitting the hook to be sprung. The latch can be raised alone without the tumbler, thus forcing the head of the latch bolt out by inserting a key through which the shank of the bolt of the latch passes & upon which the spring reacts. The invention hereclaimed & desired to be secured by Letters Patent consists in the case & tumbler as before described, with the arrangement and adaptation of the several parts of the same. For a further illustration of my invention I refer to the models & drawings of the same deposited in the Patent Office.

Witnesses.
E. C. Lee.
Clement F. Foster

John G. Hotchkiss.

Recd
M.G.L.

(585 words)