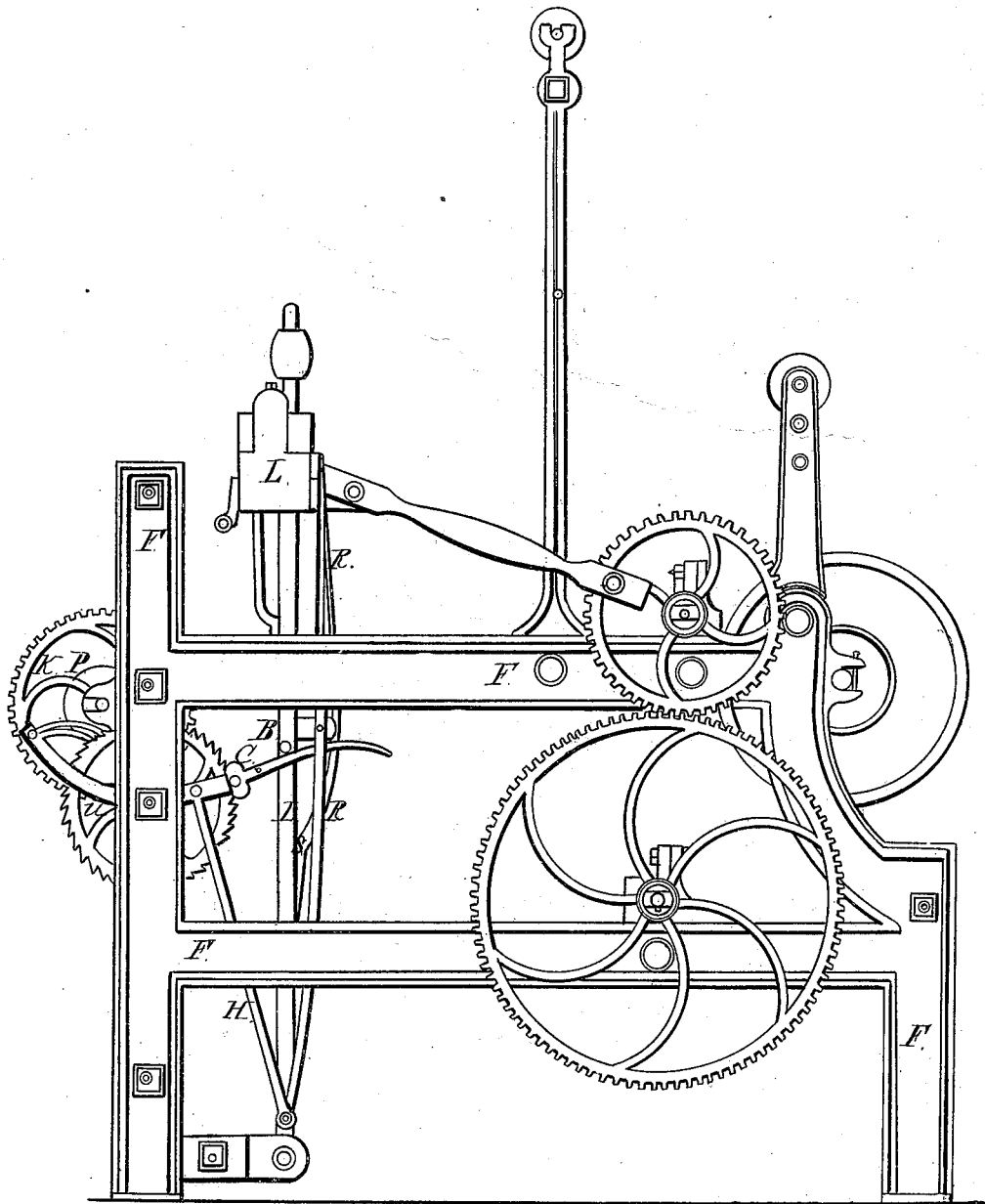


H. Hendrick.
Take-Up Motion.

Patented Sept. 22, 1836.



UNITED STATES PATENT OFFICE.

HORACE HENDRICK, OF KILLINGLY, CONNECTICUT.

GRADUATING TAKE-UP MOTION FOR POWER-LOOMS.

Specification of Letters Patent No. 30, dated September 22, 1836.

To all whom it may concern:

Be it known that I, HORACE HENDRICK, of Killingly, in the county of Windham and State of Connecticut, have invented a new and useful improvement in that part of the machinery of the power-loom for taking up and making even cloth or cloth of uniform thickness, which improvement is to be applied to the common loom now in use, which apparatus so improved I denominate the "graduating take-up motion," I do hereby declare that the following, with and having reference to the accompanying drawings, is a full and exact description of the construction and operation of the said apparatus as invented or improved by me.

In its general construction the said apparatus resembles that in common use, my improvement consisting in the addition of what I denominate the rod, and sickle, and the mode of communicating motion, from the reed to the cloth beam, by the intervention of said rod, and sickle.

The accompanying drawing gives a view of my improvement as it may be applied to the common power loom.

F, F, F, F, represents the frame of the loom, *h, h*, the end of the lathe to which the improvement is attached, R, R, the ordinary back lever, which receives its motion

from the slay, which lever gives motion to the rod H, leading to the sickle C, and this gives the downward motion of the catches K, operating upon the rag wheel W, at the beat of the lathe B, is a small friction roller, attached to the lever R, R, or to the sword of the lathe *h, h*, and this plays upon the sickle C, giving to its its downward motion and moving the cloth beam P, at the backward motion of the lathe S, is a spring attached to the sword of the lathe bearing upon the back piece of the slay for the purpose of keeping it in adjustment.

What I claim as my invention in the before described apparatus is—

The addition of the rod, and sickle operating in the manner set forth as combined with the other parts described, but not claimed as of my invention, the take-up motion being effected by the intervention of said rod, and sickle between the reed, and the cloth beam, and this I claim whether the other parts be constructed in the manner shown, or in any way admitting of the use of this improvement.

HORACE HENDRICK.

Witnesses:

SAM STETTINEOUS,
B. K. MORSELL.