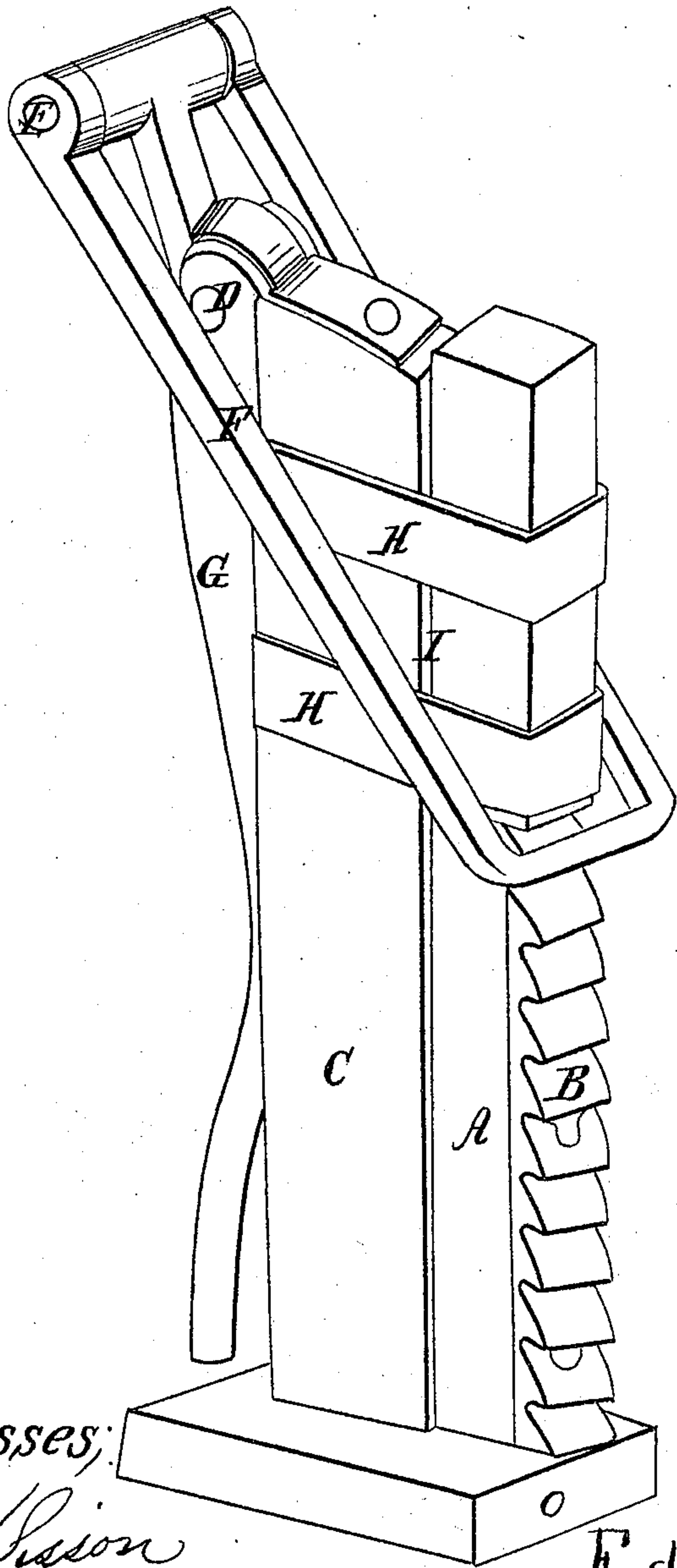


*E. Huson,*  
*Lifting Jack.*

*N<sup>o</sup> 34,427.*

*Patented Feb. 18, 1862.*



*Witnesses;*

*A. H. Huson*  
*A. M. Lins*

*Inventor;*

*Edgar Huson*

# UNITED STATES PATENT OFFICE.

EDGAR HUSON, OF ITHICA, NEW YORK.

## IMPROVED MACHINE FOR RAISING CARRIAGES, &c.

Specification forming part of Letters Patent No. 34,427, dated February 18, 1862.

*To all whom it may concern:*

Be it known that I, EDGAR HUSON, of the town of Ithica, county of Tompkins and State of New York, have invented a new and useful Machine for Raising Carriages for the Purpose of Repairing or Greasing and for Raising other Heavy Weights or Bodies, which machine I call a "carriage-jack;" and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification, in which—

Letter A is the slide with ratchet firmly attached.

Letter B is the ratchet.

Letter C is the standard.

Letter D is the joint on which the lever plays.

Letter E is the joint on which the lever and loop play.

Letter F is a loop working on the joint at the head of the lever and playing on the ratchet in such a manner that when the lever is pressed down against the standard the loop will fall outside the joint D on which the lever plays, thus holding the slide A and the lever in position.

Letter G is a lever so constructed that when pressed down against the standard C a line drawn from joint E to the point where the loop plays on the ratchet will fall outside the joint D on which the lever plays.

Letters H H are bands firmly attached to the standard, through which bands the slide plays.

Letter I is where a coiled spring or its equivalent is inserted between the standard and the slide, which by its pressure prevents the slide from falling of its own weight.

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

Such a combination of the lever, loop, joints, and ratchet for a carriage-jack as that when the weight is raised and the lever pressed down against the standard the slide is supported and upheld without any fastening by the support of the loop which falls outside the joint D.

EDGAR HUSON.

Witnesses:

P. FRANK SISSON,  
A. M. LUCAS.