

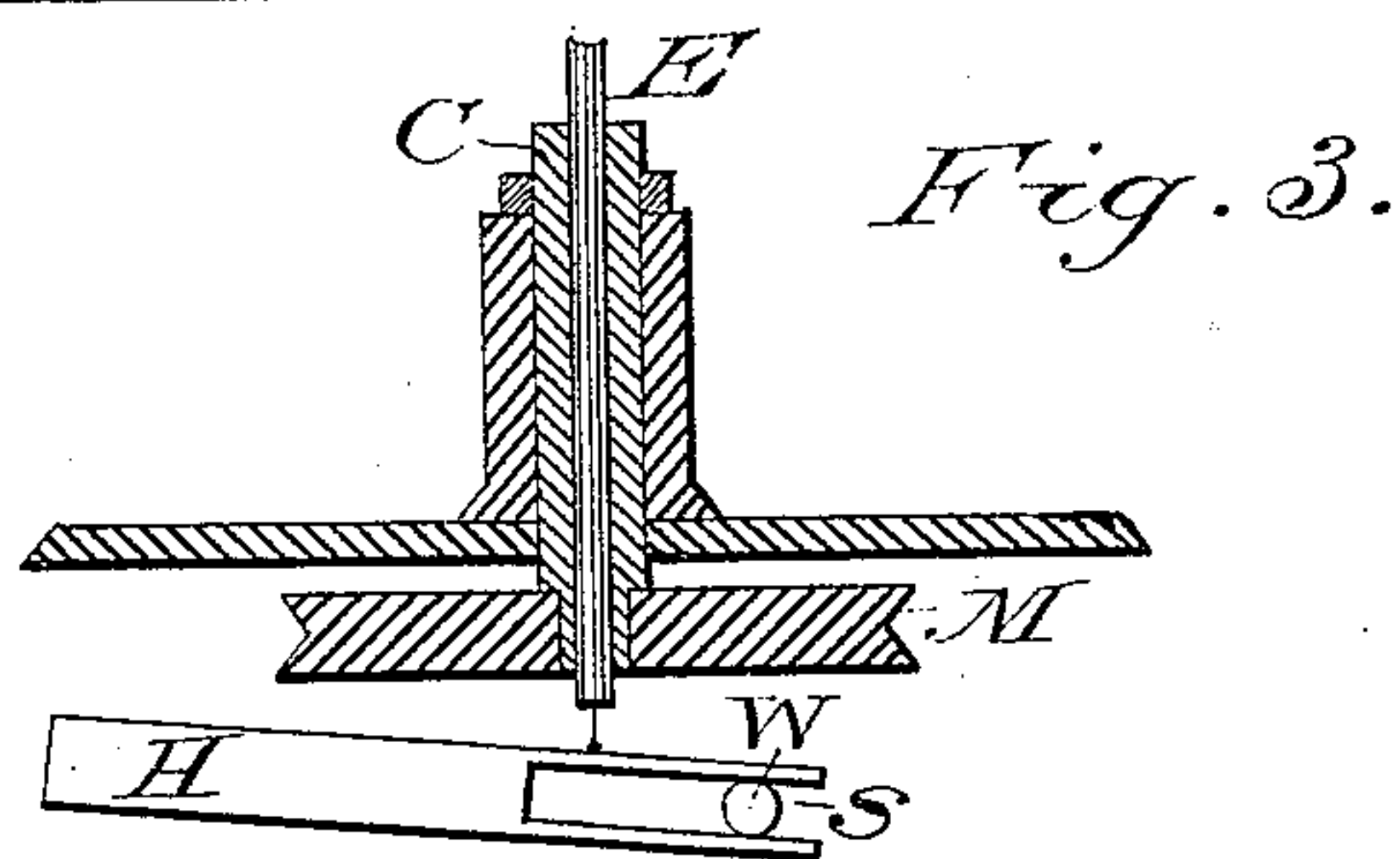
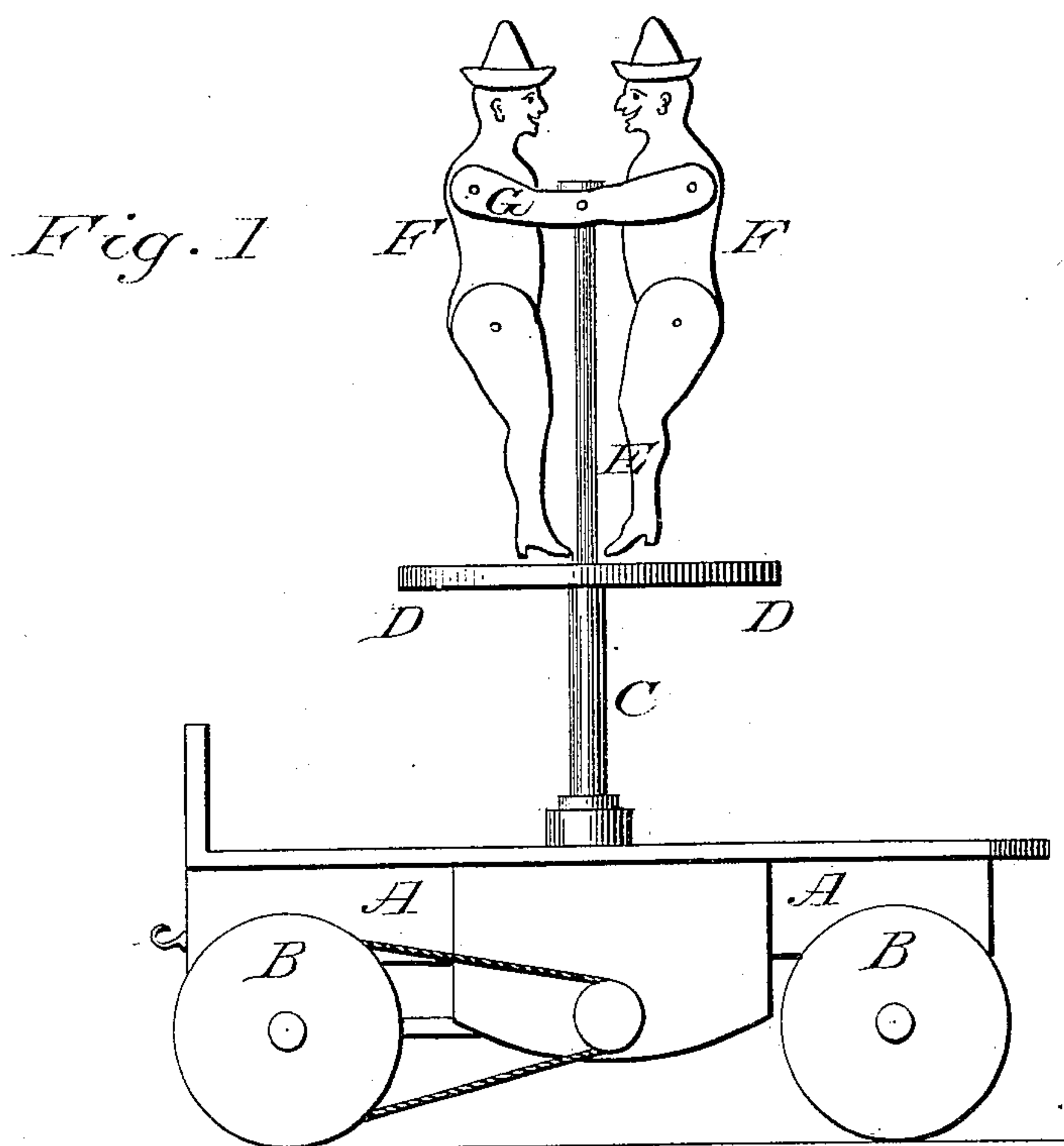
(No Model.)

L. J. & C. J. ADAMS.

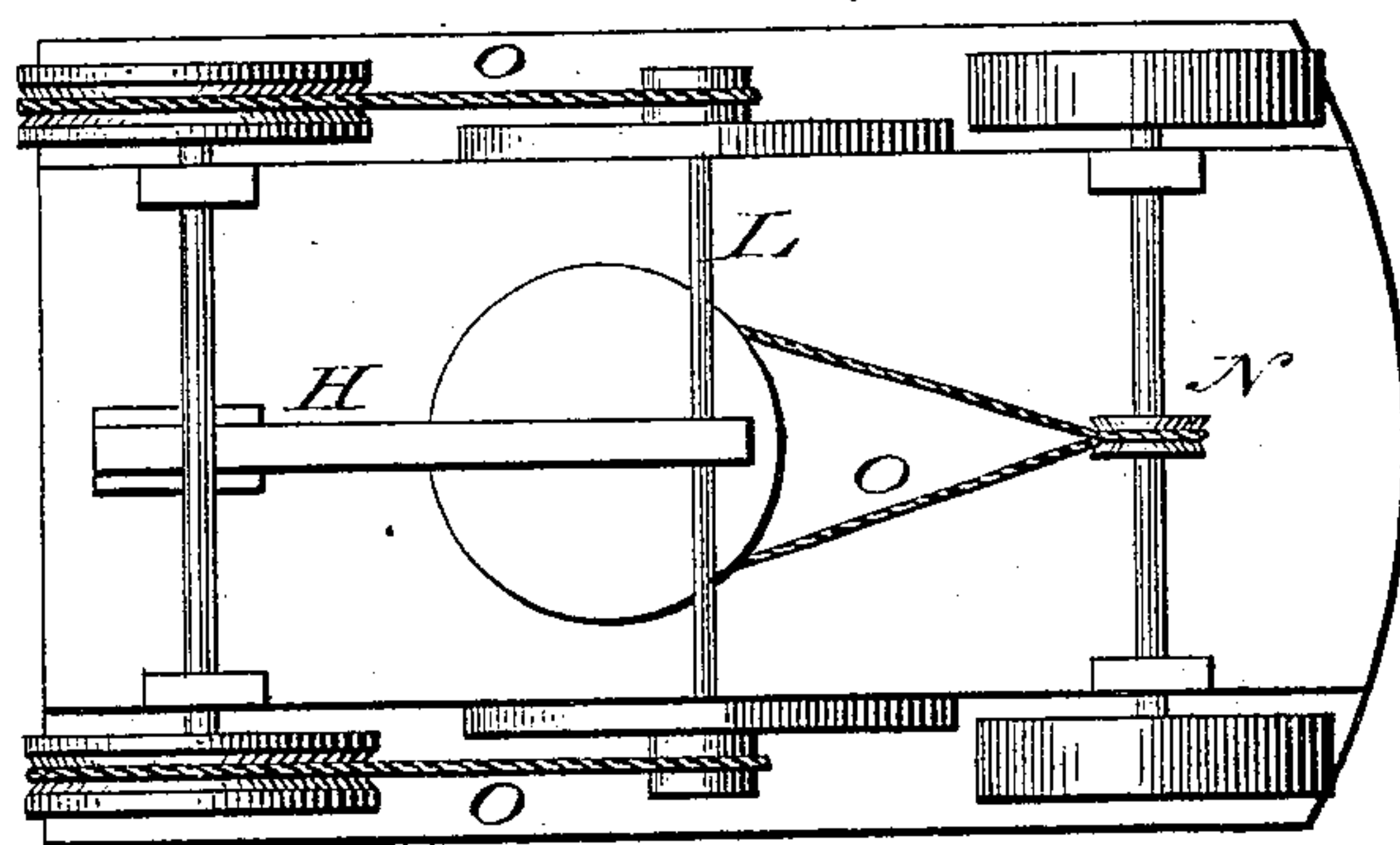
TOY.

No. 246,586.

Patented Sept. 6, 1881.



*Fig. 2.*



Witnesses:  
Walter Whitney  
C. J. Adams.

Inventor:  
Luther J. Adams  
Carl J. Adams

# UNITED STATES PATENT OFFICE.

LUTHER J. ADAMS AND CARL J. ADAMS, OF LEOMINSTER, MASSACHUSETTS,  
ASSIGNORS TO SAID LUTHER J. ADAMS, WALDO WHITNEY, AND ALFRED  
L. WALKER, ALL OF SAME PLACE.

## TOY.

SPECIFICATION forming part of Letters Patent No. 246,586, dated September 6, 1881.

Application filed January 24, 1881. (No model.)

*To all whom it may concern:*

Be it known that we, LUTHER J. ADAMS and  
CARL J. ADAMS, of Leominster, county of Wor-  
cester, and State of Massachusetts, have in-  
5 vented a new and novel Improvement in Toys,  
of which the following is a specification.

Our invention relates to a revolving danc-  
ing toy; and it consists of a small carriage with  
four wheels. In the center of said carriage is  
10 inserted perpendicularly a hollow spindle, and  
attached to the lower end of said spindle un-  
der side of the carriage is a grooved pulley,  
and at the upper end is attached a flat table  
or disk, which is made to revolve by a belt from  
15 the grooved pulley to a driving one upon one  
of the axle-trees. Through said hollow spindle  
is inserted another spindle, the lower end pro-  
vided with a pivot, and to the upper end are at-  
tached two or more miniature men, who stand  
20 upon said disk and revolve with the same, and  
also are made to dance as they revolve, by  
means of a cam-pulley placed upon a straight  
shaft, with a grooved pulley or pulleys on said  
shaft, which is driven from one of the axle-  
25 trees. The cam-pulley is connected with a  
horizontal arm under side of the carriage, upon  
the top of which the pivoted spindle stands.  
One end of the horizontal arm is fastened to  
the under side of the carriage; the other end  
30 is provided with a groove or slot large enough  
to admit the cam-pulley. This pulley is fitted  
upon the straight shaft, near to one edge, which  
gives an up-and-down motion as it is revolved  
in said slot by propelling the carriage forward  
35 or backward.

In the drawings, Figure 1 is an elevation of  
the invention. Fig. 2 is a plan of the under  
side of the carriage. Fig. 3 is an enlarged  
longitudinal vertical section.

A A represent the body of the carriage; B 40  
B, the wheels; C, the hollow spindle; D D, the  
disk; E, the inside spindle, extending through  
and above the hollow spindle; F, the miniature  
men; G, their connection; L, the straight shaft;  
H, the arm connected with the cam-pulley, and 45  
upon which the pivoted spindle stands; S, the  
slot in the arm; W, the cam-pulley; M, the  
grooved pulley on the lower end of the hollow  
spindle; N, the grooved pulley on the axle-  
tree; O O O, the belts. 50

We claim—

1. In a carriage of this class, the combina-  
tion of the hollow spindle C and the inside  
spindle, E, with the carriage A A and B B, sub-  
stantially as described, and for the purposes 55  
set forth.

2. In combination with the hollow spindle C,  
the inside spindle, E, and the disk D, with the  
miniature men F F, substantially as described, 60  
and for the purposes set forth.

3. In combination with the spindle E, the  
straight shaft L, the horizontal arm H, and the  
cam-pulley W, operating all together, substan-  
tially as described, and for the purposes set  
forth.

LUTHER J. ADAMS.  
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Witnesses:

L. WILLIAM ADAMS,  
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