



(12) **United States Patent**
Zebarjad et al.

(10) **Patent No.:** **US 9,510,670 B2**
(45) **Date of Patent:** **Dec. 6, 2016**

- (54) **HEIGHT-ADJUSTABLE TABLE**
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- (*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

- (21) Appl. No.: **14/706,488**
- (22) Filed: **May 7, 2015**
- (65) **Prior Publication Data**
US 2015/0320198 A1 Nov. 12, 2015

Related U.S. Application Data

- (60) Provisional application No. 61/990,307, filed on May
8, 2014.
- (51) **Int. Cl.**
A47B 9/00 (2006.01)
A47B 9/02 (2006.01)
(Continued)
- (52) **U.S. Cl.**
CPC . *A47B 9/02* (2013.01); *A47B 9/12* (2013.01);
A47B 9/20 (2013.01); *A47B 9/00* (2013.01);
F16M 11/24 (2013.01)
- (58) **Field of Classification Search**
CPC *A47B 9/02*; *A47B 9/12*; *A47B 9/18*;
A47B 9/20; *A47B 9/00*; *A47B*
9/04; *F16M 11/28*; *F16M 11/26*; *F16M*
11/10; *F16M 11/24*; *F16M 11/17*; *F16M*
13/00
See application file for complete search history.

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(57) **ABSTRACT**
A height-adjustable table can include a frame supporting a
work surface; a pair of lower legs supporting the frame; a
pulley mechanism coupling the frame and the pair of lower
legs for vertically moving the frame relative to the pair of
lower legs; and a spring located within a passage extending
through the frame. The spring may have a fixed end secured
to the frame and a movable end movable relative to the
frame over a first distance for exerting a force over the first
distance. The table can have a block-and-tackle assembly
located within the passage and coupling the movable end of
the spring to the pulley mechanism. The block-and-tackle
assembly can transfer the force exerted by the spring over
the first distance to vertical movement of the frame relative
to the pair of lower legs over a second distance greater than
the first distance.

16 Claims, 13 Drawing Sheets

