



US00D810847S

(12) **United States Design Patent** (10) **Patent No.:** **US D810,847 S**
Schlauder et al. (45) **Date of Patent:** **** Feb. 20, 2018**

(54) **EXERCISE MACHINE FOR REPETITIVE SPINE EXTENSION**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Better Back Technologies, LLC**, Las Vegas, NV (US)

GB	2270266	3/1994
JP	06165802	6/1994
JP	2006296960	11/2006

(72) Inventors: **Allyn D. Schlauder**, Las Vegas, NV (US); **Michael V. Halliday**, Salem, UT (US)

OTHER PUBLICATIONS

(73) Assignee: **Better Back Technologies, LLC**, Las Vegas, NV (US)

Photograph of inventor's earlier version of a device for exercise, based on information and belief, available at least as early as Jan. 2012.

(**) Term: **15 Years**

(Continued)

(21) Appl. No.: **29/550,920**

Primary Examiner — Robert M. Spear

Assistant Examiner — Ryan Harvey

(22) Filed: **Jan. 8, 2016**

(74) *Attorney, Agent, or Firm* — Workman Nydegger

(57) **CLAIM**

The ornamental design for a exercise machine for repetitive spine extension, as shown and described.

Related U.S. Application Data

DESCRIPTION

(63) Continuation of application No. 13/760,484, filed on Feb. 6, 2013.

FIG. 1 is a perspective view of an ornamental design of a exercise machine for repetitive spine extension according to the present invention;

(51) **LOC (11) Cl.** **21-02**

(52) **U.S. Cl.**
USPC **D21/690**

FIG. 2 is a front view of the exercise machine for repetitive spine extension of FIG. 1;

(58) **Field of Classification Search**
USPC ... 482/99, 111, 114, 121, 133, 94, 142, 130, 482/112, 100, 138, 102, 101, 1, 5, 8, 9, 482/901, 95, 96, 51, 92, 93, 136, 104, 482/108, 97, 140, 69, 107, 98, 139, 4, 6, 482/145, 41; 434/29; D21/673, 691,
(Continued)

FIG. 3 is a rear view of the exercise machine for repetitive spine extension of FIG. 1;

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,059,971 A 10/1962 Becker
4,411,421 A 10/1983 Hershberger
(Continued)

FIG. 4 is a first side view of the exercise machine for repetitive spine extension of FIG. 1;

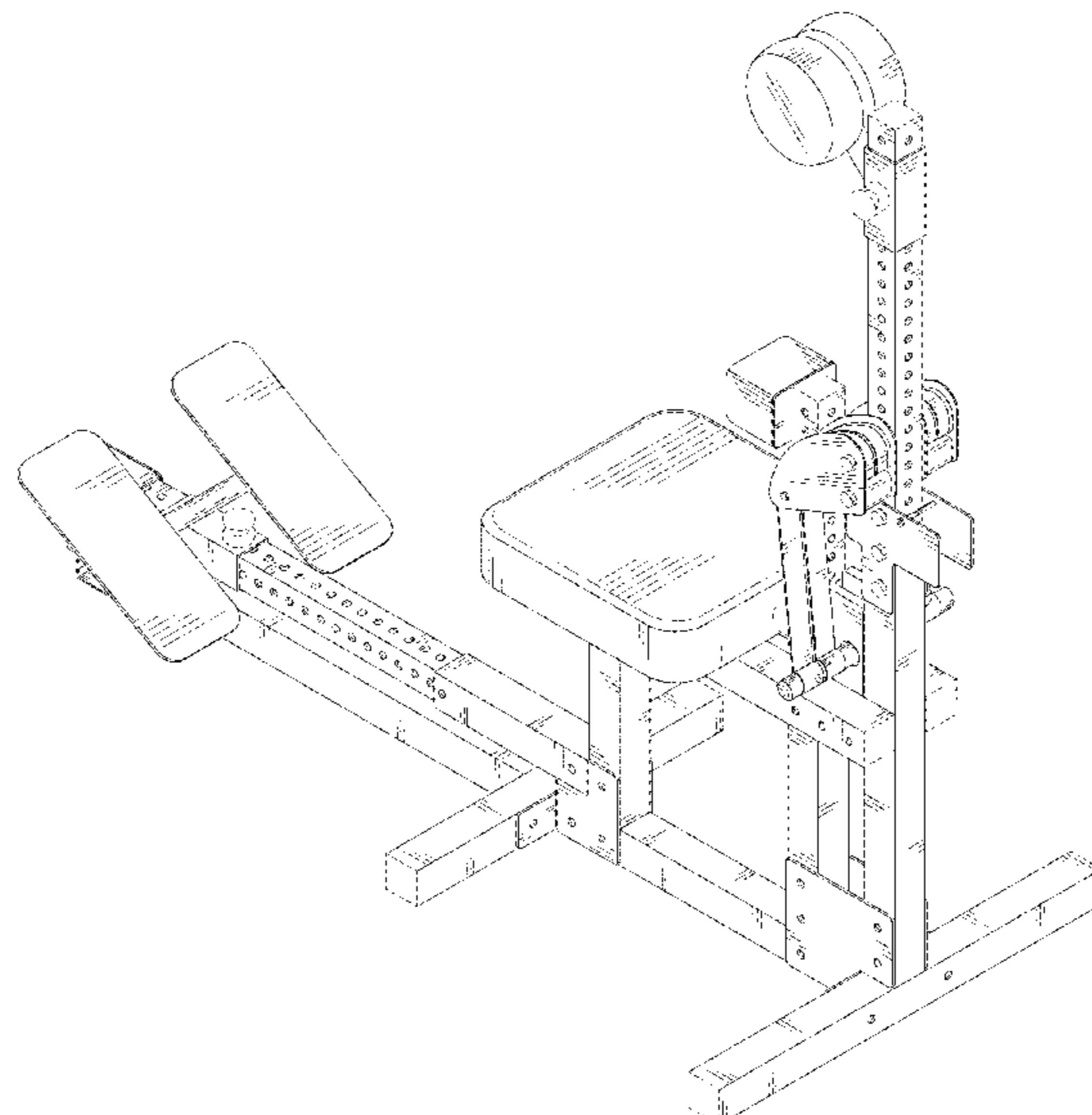
FIG. 5 is a second, opposite side view of the exercise machine for repetitive spine extension of FIG. 1;

FIG. 6 is a top view of the exercise machine for repetitive spine extension of FIG. 1; and,

FIG. 7 is a bottom view of the exercise machine for repetitive spine extension FIG. 1.

The broken lines showing portions of the exercise machine for repetitive spine extension depict environment and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



US D810,847 S

Page 2

(58) **Field of Classification Search**

USPC D21/694, 682, 686, 675, 676, 826, 823,
D21/699, 797
CPC A63B 24/0062; A63B 2210/50; A63B
2230/06; A63B 21/4035; A63B 21/154
See application file for complete search history.

7,381,171 B2 6/2008 Chen
D590,032 S * 4/2009 Webber D21/673
D599,418 S * 9/2009 Fenster D21/675
7,641,605 B2 1/2010 McCarter
7,722,509 B2 * 5/2010 Eder A63B 21/156
482/101
7,963,606 B2 6/2011 Sanchez
8,052,585 B2 11/2011 Donaldson
D664,615 S 7/2012 Chuang
8,500,607 B2 * 8/2013 Vittone A63B 21/151
482/102

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,525,159 A 6/1985 Filderman
4,623,144 A 11/1986 Rockwell
D288,224 S * 2/1987 Rockwell D21/675
4,666,152 A 5/1987 Jones
4,802,462 A 2/1989 Reiss et al.
5,007,634 A 4/1991 Jones
5,070,863 A 12/1991 McArthur et al.
5,215,511 A 6/1993 Cheng
5,256,126 A 10/1993 Grotstein
5,288,130 A 2/1994 Foster
5,324,247 A 6/1994 Lepley
5,486,150 A 1/1996 Lucian
5,549,534 A 8/1996 Parviainen
5,833,590 A 11/1998 Chiu et al.
6,004,246 A 12/1999 Sencil
D428,949 S * 8/2000 Simonson D21/675
6,312,366 B1 11/2001 Prusick
6,354,982 B1 3/2002 Sencil
6,387,024 B1 5/2002 Monti et al.
6,447,430 B1 * 9/2002 Webb A63B 21/154
482/93
6,537,182 B2 * 3/2003 Slawinski A63B 21/00181
482/104
6,672,998 B2 1/2004 Cook
6,746,384 B2 6/2004 Cole et al.
6,932,749 B2 8/2005 Barnes et al.
D512,471 S * 12/2005 Panatta D21/673
7,112,162 B2 * 9/2006 Greenland A63B 21/06
482/104
7,125,366 B1 10/2006 Yeh
7,335,140 B2 2/2008 Webber et al.
7,357,765 B1 4/2008 Watson
7,377,889 B2 5/2008 Cusak

8,506,459 B2 * 8/2013 Cassidy A63B 21/156
482/102
8,647,239 B1 * 2/2014 Sokolovas A63B 69/10
482/55
D708,274 S * 7/2014 Eder D21/673
D742,978 S * 11/2015 Summers D21/686
9,254,409 B2 * 2/2016 Dalebout A63B 21/225
9,656,116 B2 * 5/2017 Giannelli A63B 21/063
2002/0033626 A1 3/2002 Yoo
2002/0039954 A1 * 4/2002 Simonson A63B 21/154
482/99
2007/0037674 A1 * 2/2007 Finn A63B 21/156
482/97
2008/0081749 A1 4/2008 Wolff
2008/0318741 A1 12/2008 Sencil et al.
2010/0286578 A1 11/2010 Lee
2012/0277068 A1 * 11/2012 Zhou A63B 69/182
482/71
2013/0274075 A1 * 10/2013 Habing A63B 21/062
482/102
2014/0162854 A1 * 6/2014 Watterson A63B 21/00196
482/138
2014/0221881 A1 * 8/2014 Schlauder A63B 21/0421
601/23
2014/0296040 A1 * 10/2014 Mobley A63B 21/078
482/104

OTHER PUBLICATIONS

Non-Final Office Action dated Oct. 9, 2015 for U.S. Appl. No. 13/760,484.

* cited by examiner

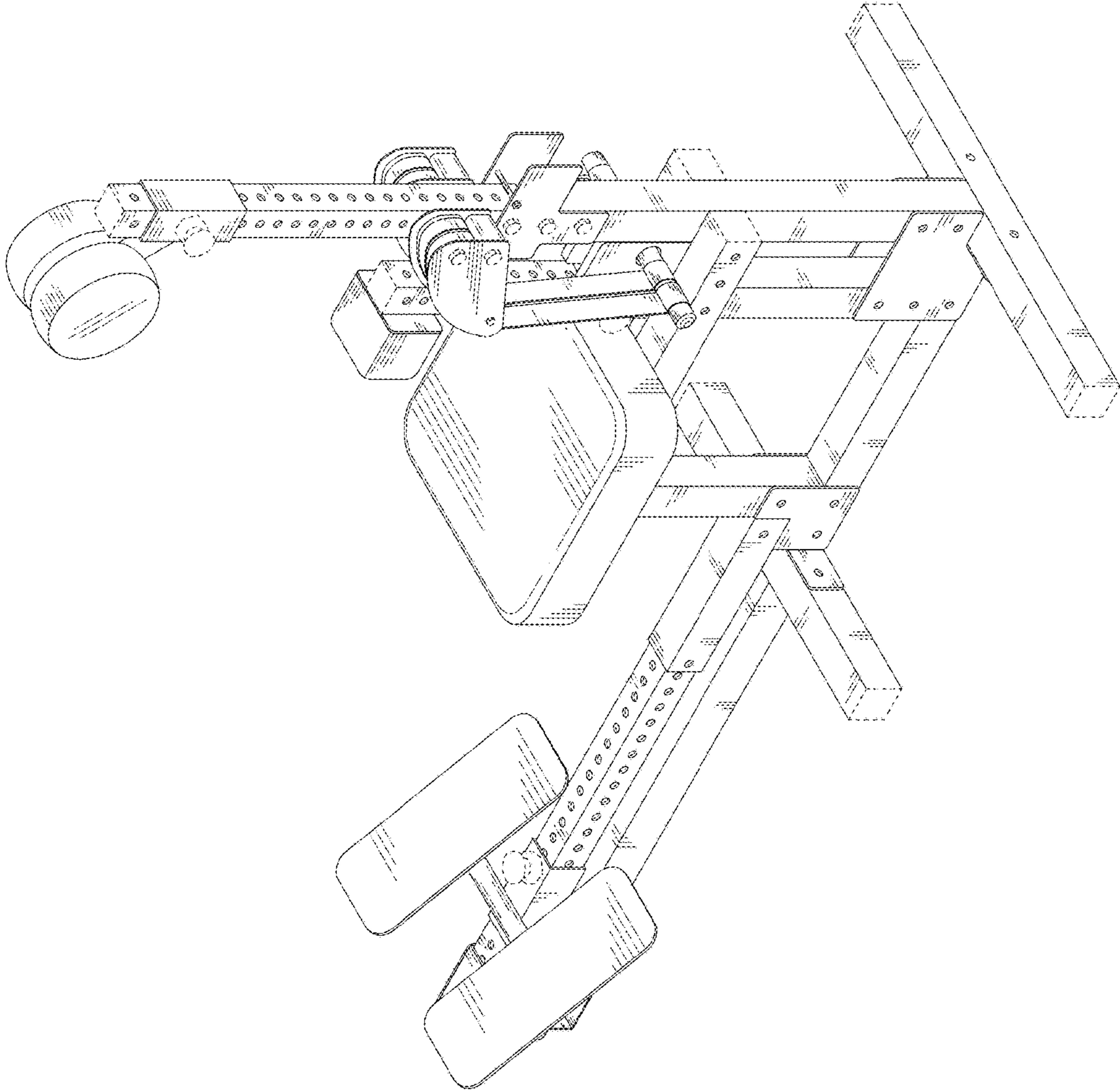


FIG. 1

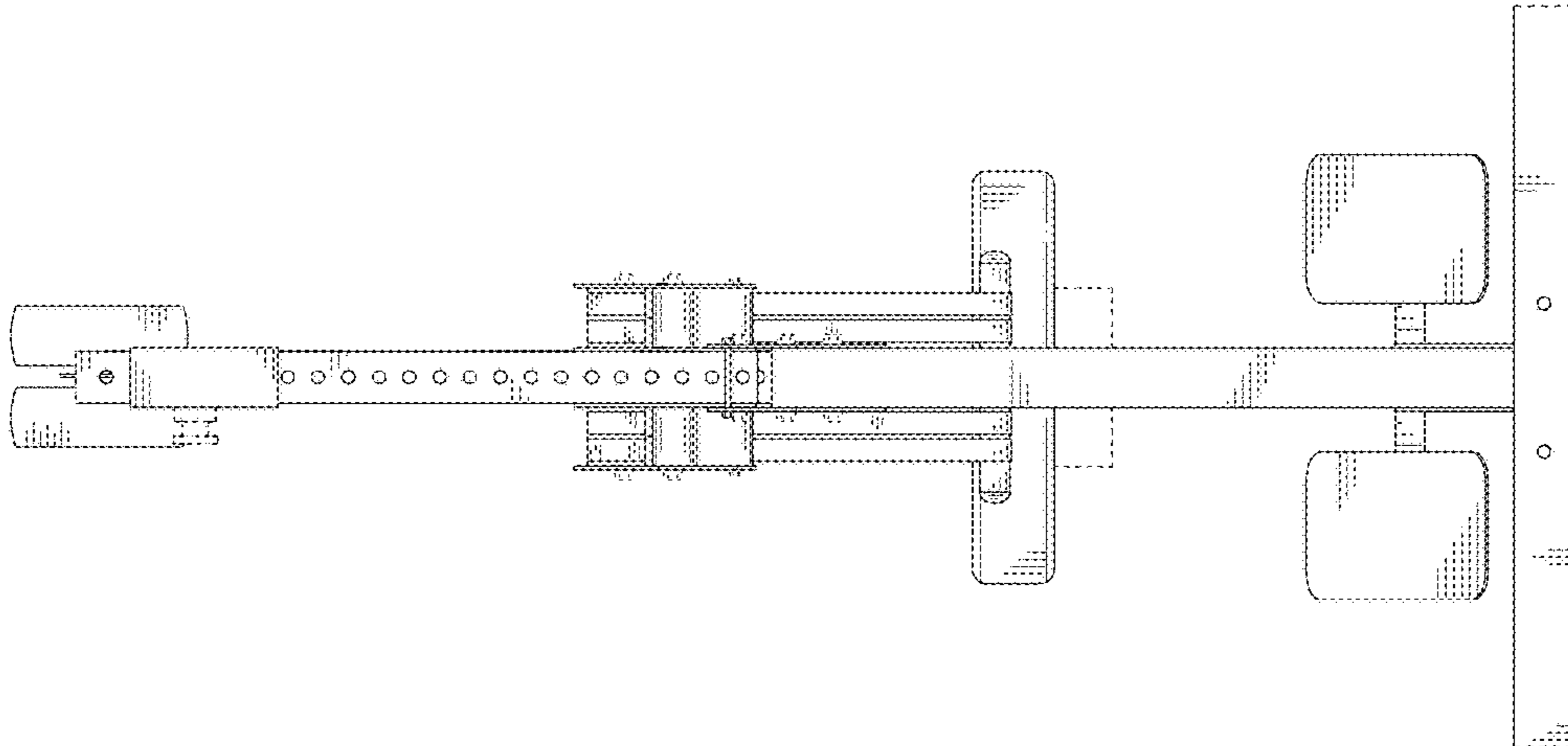


FIG. 2

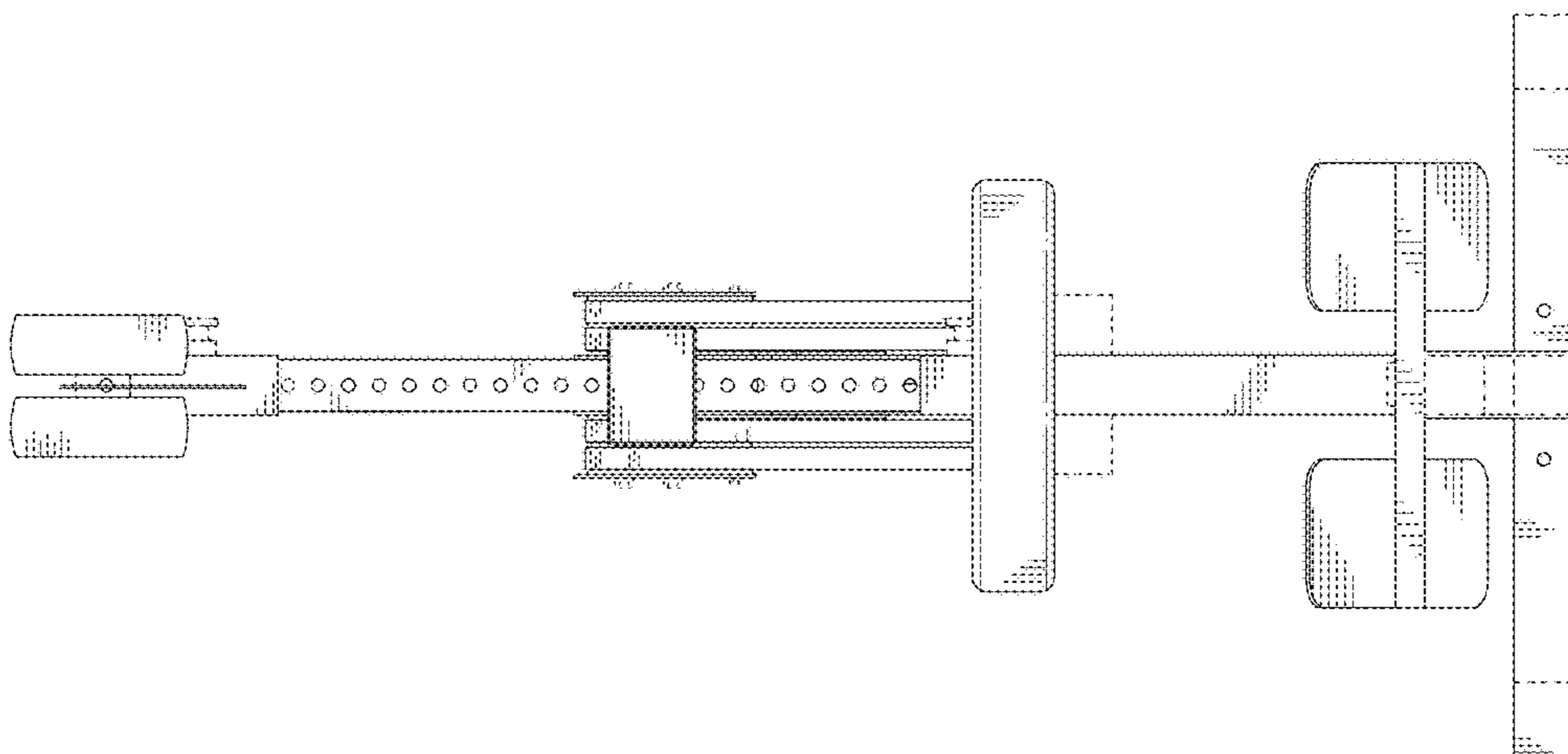


FIG. 3

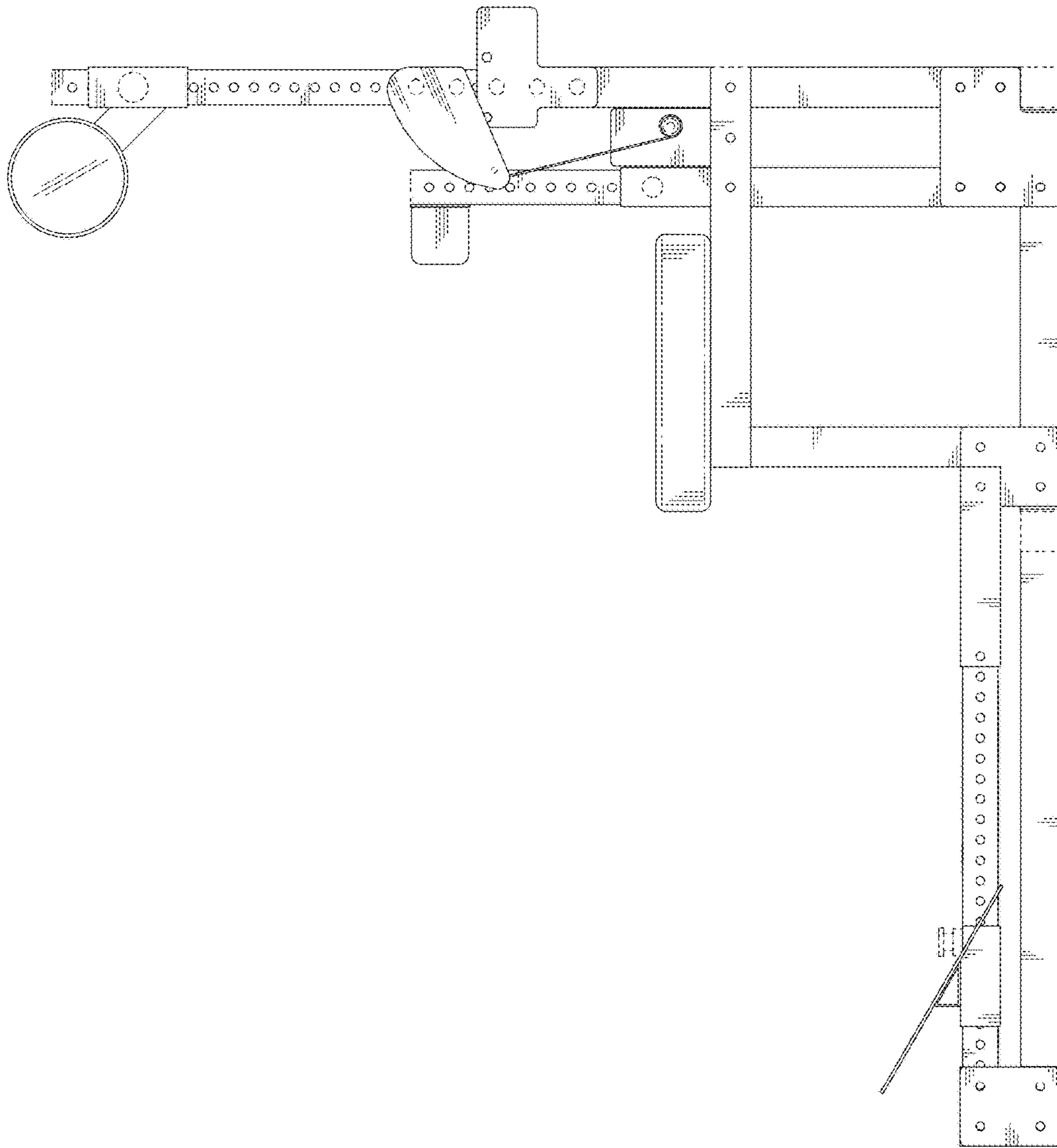


FIG. 4

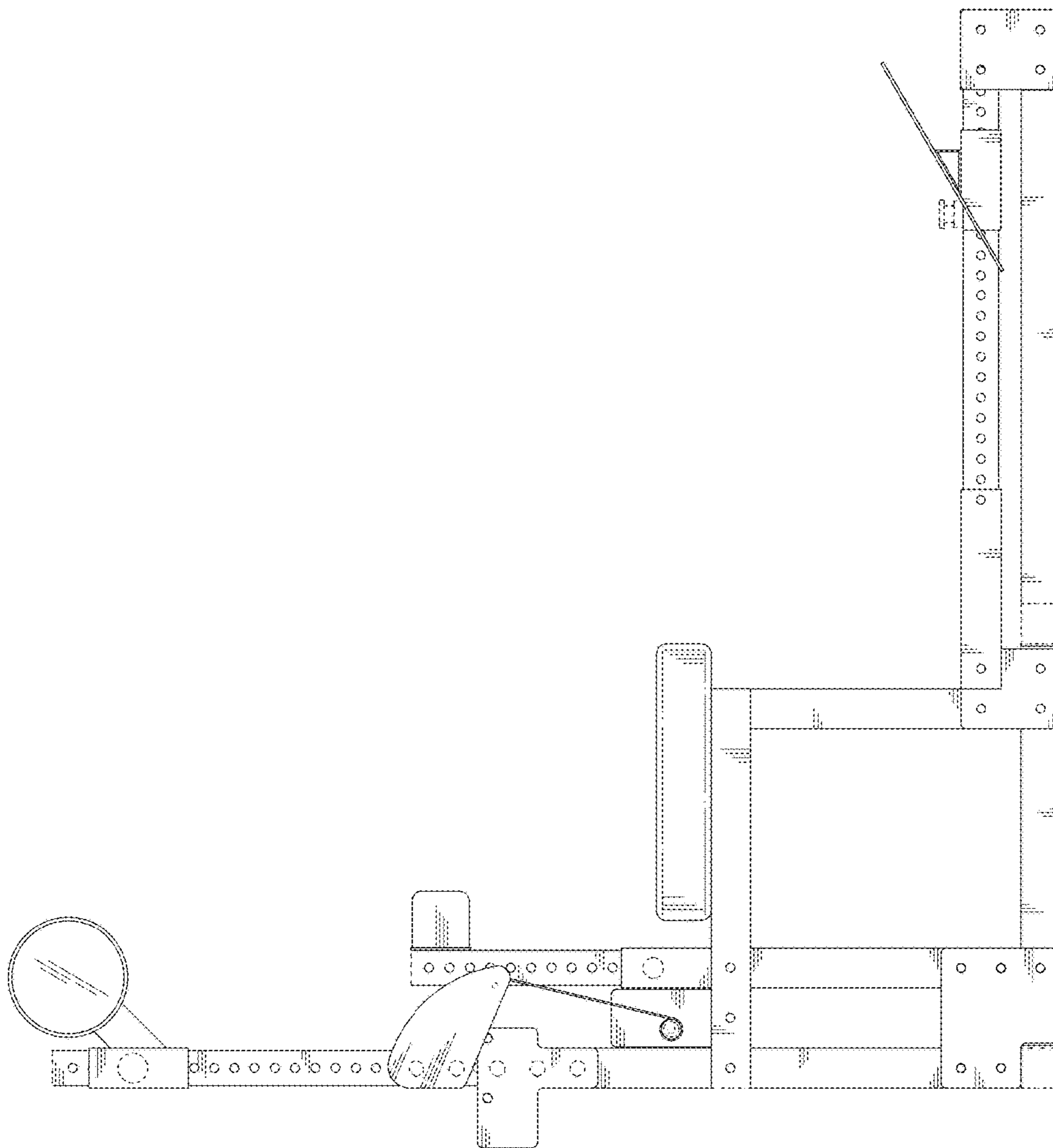


FIG. 5

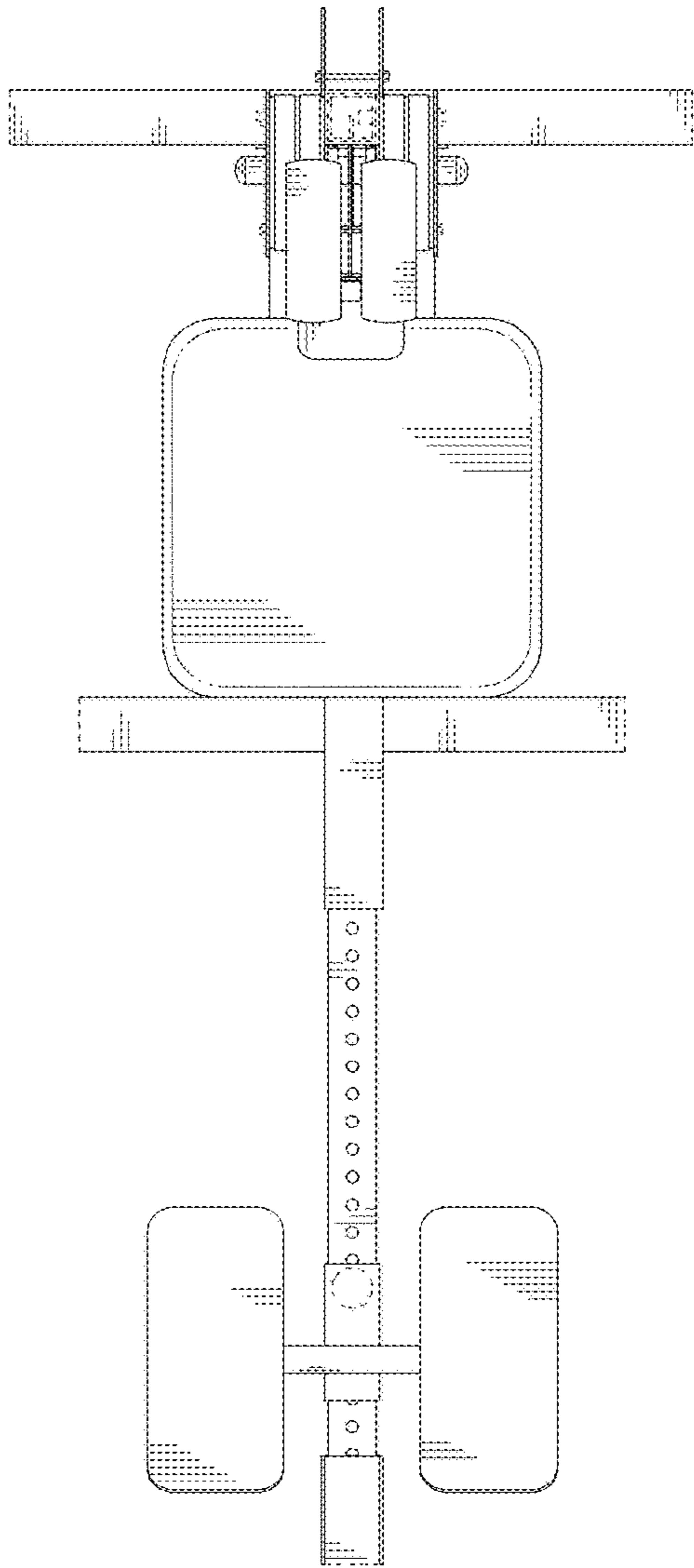


FIG. 6

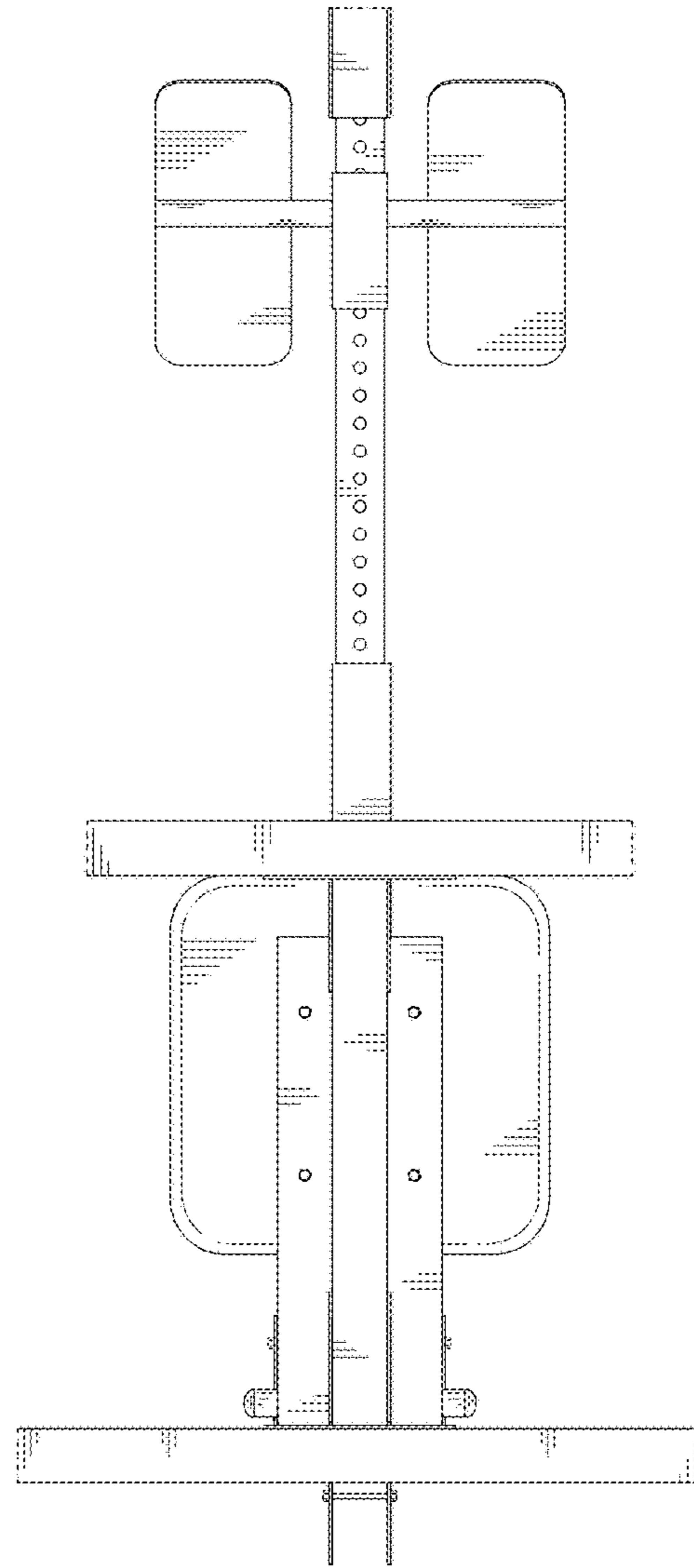


FIG. 7