



US00D952074S

(12) **United States Design Patent**  
**Horita et al.**

(10) **Patent No.:** **US D952,074 S**

(45) **Date of Patent:** **\*\* May 17, 2022**

(54) **LEG EXTENSION EXERCISE MACHINE**

D358,183 S 5/1995 Habing et al.

5,417,633 A 5/1995 Habing

D359,325 S 6/1995 Gerschefske et al.

(71) Applicant: **PELOTON INTERACTIVE, INC.**,  
New York, NY (US)

(Continued)

(72) Inventors: **Sean K. Horita**, Woodinville, WA  
(US); **Elijah E. Hooper**, Seattle, WA  
(US)

**OTHER PUBLICATIONS**

True fitness, announced 2016 [online], [site visited Jul. 21, 2021].  
Available on internet, URL: [https://www.youtube.com/watch?v=-Q\\_b8Bz1Yhs](https://www.youtube.com/watch?v=-Q_b8Bz1Yhs) (Year: 2016).\*

(Continued)

(73) Assignee: **Peloton Interactive, Inc.**, New York,  
NY (US)

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

*Primary Examiner* — Khawaja Anwar

*Assistant Examiner* — Julice Seung Eun Oum

(21) Appl. No.: **29/720,937**

(74) *Attorney, Agent, or Firm* — Haynes and Boone, LLP

(22) Filed: **Jan. 16, 2020**

(51) **LOC (13) Cl.** ..... **21-02**

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

(58) **Field of Classification Search**  
USPC ..... D21/690, 691, 694, 686, 662, 665, 676,  
D21/679, 687, 692

See application file for complete search history.

(57) **CLAIM**

We claim the ornamental design for a leg extension exercise machine, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, side perspective view of a leg extension exercise machine of a fitness equipment unit;

FIG. 2 is a front view of the leg extension exercise machine of FIG. 1;

FIG. 3 is a rear view of the leg extension exercise machine of FIG. 1;

FIG. 4 is a first side view of the leg extension exercise machine of FIG. 1;

FIG. 5 a second side view of the leg extension exercise machine of FIG. 1;

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

FIG. 7 is a bottom view of the leg extension exercise machine of FIG. 1.

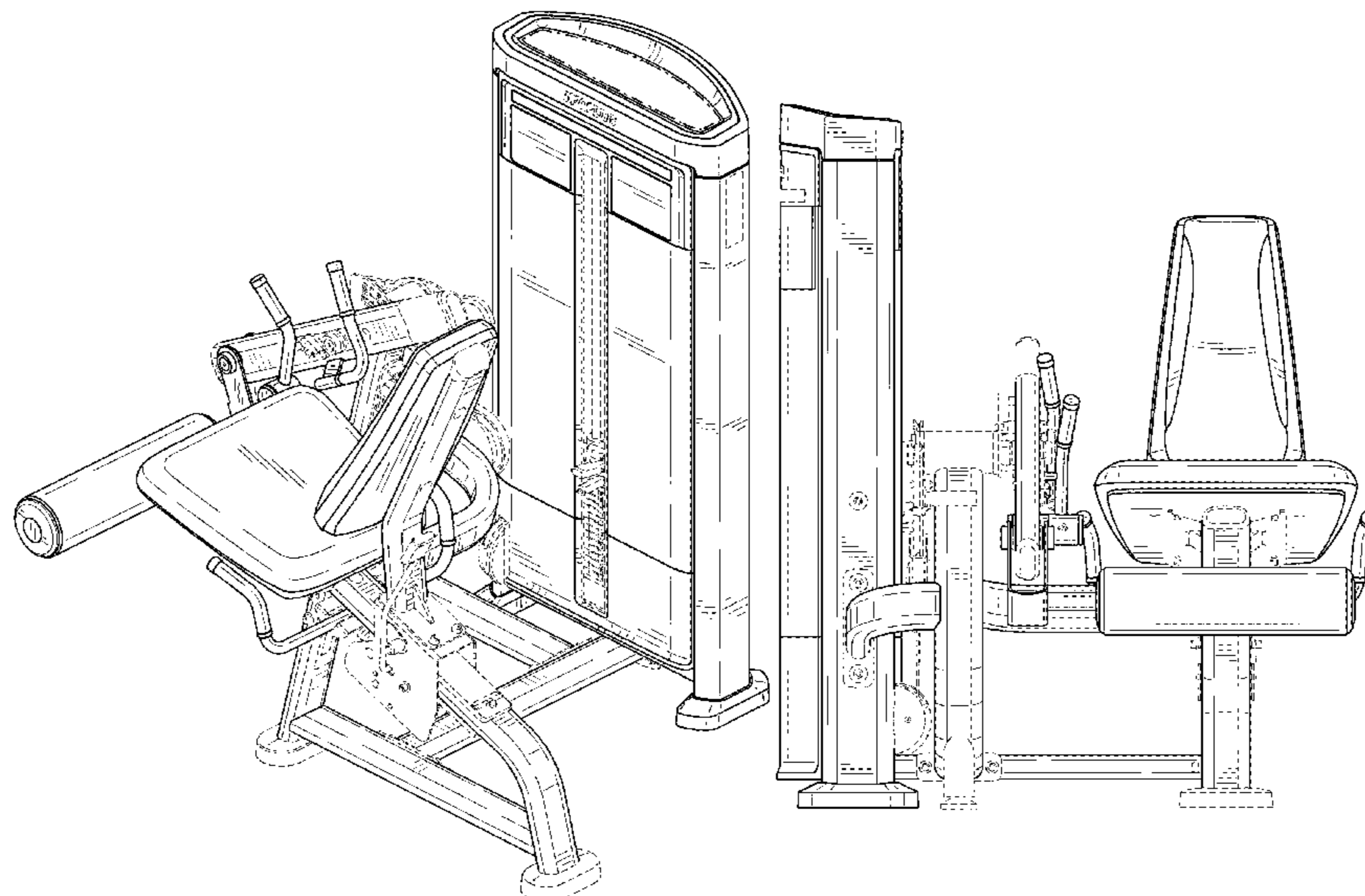
The broken lines and the dot dash lines shown throughout the figure views form no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,790,530 A	12/1988	Maag	
4,822,038 A	4/1989	Maag	
4,838,548 A	6/1989	Maag	
4,840,373 A	6/1989	Maag	
D321,391 S	11/1991	Jones	
5,066,003 A	11/1991	Jones	
5,085,430 A	2/1992	Habing	
D324,710 S	3/1992	Habing	
5,102,122 A	4/1992	Piane, Jr. et al.	
5,190,513 A	3/1993	Habing et al.	
5,199,935 A	4/1993	Gibson et al.	
5,308,304 A	5/1994	Habing	
5,354,252 A	10/1994	Habing	
5,362,296 A	11/1994	Wang et al.	
5,366,432 A	11/1994	Habing et al.	
D357,041 S *	4/1995	McBride	..... D21/676

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

5,468,202 A 11/1995 Habing  
 5,492,520 A 2/1996 Brown  
 D370,040 S 5/1996 Habing et al.  
 5,527,248 A 6/1996 Crivello  
 5,554,086 A 11/1996 Habing et al.  
 5,577,987 A 11/1996 Brown  
 5,580,337 A 12/1996 Habing et al.  
 5,580,341 A 12/1996 Simonson  
 5,597,257 A 1/1997 Habing  
 5,749,813 A 5/1998 Domzalski  
 5,803,882 A 9/1998 Habing et al.  
 D406,290 S 3/1999 McBride  
 5,885,193 A 3/1999 Habing et al.  
 D408,875 S 4/1999 Anderson  
 5,897,467 A 4/1999 Habing et al.  
 5,897,473 A 4/1999 Koenig  
 5,931,767 A 8/1999 Morales  
 5,967,954 A 10/1999 Habing  
 5,971,895 A 10/1999 Habing  
 6,080,091 A 6/2000 Habing et al.  
 D428,949 S 8/2000 Simonson  
 D431,615 S \* 10/2000 Webber ..... D21/675  
 6,152,864 A 11/2000 Giannelli et al.  
 D439,939 S 4/2001 Batca et al.  
 D439,940 S \* 4/2001 Batca ..... D21/675  
 D440,610 S 4/2001 Webber et al.  
 D440,611 S 4/2001 Batca et al.  
 6,220,996 B1 4/2001 McArthur  
 6,319,178 B1 11/2001 Webber  
 6,488,612 B2 12/2002 Sechrest et al.  
 6,558,303 B1 \* 5/2003 Ellis ..... A63B 23/0494  
 482/100  
 6,579,213 B1 6/2003 Webber et al.  
 D477,372 S 7/2003 Garner  
 D481,428 S \* 10/2003 Giannelli ..... D21/675  
 D490,128 S \* 5/2004 Giannelli ..... D21/675  
 6,736,765 B2 5/2004 Wallace et al.  
 D490,865 S 6/2004 Giannelli  
 D491,237 S 6/2004 Giannelli et al.  
 D491,238 S 6/2004 Giannelli et al.  
 6,921,356 B1 7/2005 Habing et al.  
 D511,190 S 11/2005 Panatta  
 D512,113 S 11/2005 Carter  
 D513,287 S 12/2005 Panatta  
 D513,288 S 12/2005 Panatta  
 D513,291 S \* 12/2005 Panatta ..... D21/676  
 D513,293 S 12/2005 Panatta  
 D513,631 S 1/2006 Panatta  
 D516,138 S 2/2006 Panatta  
 D516,140 S 2/2006 Panatta  
 D516,142 S \* 2/2006 Panatta ..... D21/676  
 D516,143 S 2/2006 Panatta  
 D516,144 S 2/2006 Panatta  
 7,011,609 B1 3/2006 Kuo  
 D523,496 S 6/2006 Grider  
 7,090,623 B2 8/2006 Stewart et al.  
 7,223,213 B2 5/2007 Golesh  
 7,591,770 B2 9/2009 Stewart et al.  
 7,608,024 B2 10/2009 Sechrest et al.  
 7,654,940 B2 2/2010 Webber et al.  
 7,708,672 B2 5/2010 Gibson et al.  
 7,771,323 B1 8/2010 Batca  
 7,794,371 B2 9/2010 Webber et al.  
 7,815,554 B2 10/2010 Gibson et al.  
 7,871,357 B2 1/2011 Gibson et al.  
 7,981,010 B1 7/2011 Webber et al.  
 D643,483 S 8/2011 Horita et al.  
 8,057,368 B1 11/2011 Lyszczarz  
 8,177,693 B2 5/2012 Webber et al.  
 8,262,543 B1 \* 9/2012 Batea ..... A63B 21/4045  
 482/100

8,529,413 B2 9/2013 Simmons  
 8,672,814 B2 3/2014 Hopkins  
 RE44,992 E 7/2014 Fenster  
 D728,709 S 5/2015 Ho et al.  
 D743,494 S 11/2015 Ho et al.  
 9,186,537 B2 11/2015 Arnold et al.  
 9,320,937 B2 4/2016 Thompson  
 9,604,090 B1 3/2017 Meyer et al.  
 10,188,890 B2 1/2019 Olson et al.  
 10,226,665 B2 3/2019 Kordecki  
 10,343,008 B2 7/2019 Pullins et al.  
 10,420,977 B1 9/2019 Sullivan  
 D905,179 S 12/2020 Kennington  
 D912,168 S 3/2021 Orady et al.  
 2002/0058571 A1 5/2002 Webber et al.  
 2004/0029688 A1 2/2004 Webber et al.  
 2006/0035764 A1 2/2006 Webber  
 2006/0264304 A1 11/2006 Habing  
 2007/0213184 A1 9/2007 Habing et al.  
 2009/0258761 A1 10/2009 Quinn  
 2010/0125030 A1 5/2010 Shifferaw  
 2010/0132213 A1 6/2010 Ulrich et al.  
 2012/0208679 A1 8/2012 Webb  
 2012/0322629 A1 12/2012 Webb  
 2013/0079708 A1 3/2013 Wimpenny et al.  
 2013/0111739 A1 5/2013 Wu et al.  
 2014/0336018 A1 \* 11/2014 Thompson ..... A63B 21/0052  
 482/102  
 2015/0306442 A1 10/2015 Höglund  
 2016/0082315 A1 \* 3/2016 Carter ..... A63B 21/0628  
 482/94  
 2016/0134144 A1 5/2016 Miller et al.  
 2016/0329672 A1 11/2016 Mcginley et al.  
 2017/0232292 A1 \* 8/2017 Giannelli ..... A63B 21/063  
 482/98  
 2017/0340916 A1 11/2017 Gennusa  
 2018/0034224 A1 2/2018 Chung et al.  
 2018/0326242 A1 \* 11/2018 Jaquish ..... A63B 21/00069  
 2019/0097365 A1 3/2019 Lee et al.  
 2019/0160324 A1 5/2019 Leopoldo Da Camara Filho  
 2019/0305479 A1 10/2019 Lan  
 2019/0308069 A1 10/2019 Sandhu  
 2020/0140182 A1 5/2020 Adjeleian  
 2020/0188725 A1 \* 6/2020 Carter ..... A63B 21/4047  
 2021/0031091 A1 \* 2/2021 Glidden ..... A63B 23/03525  
 2021/0104719 A1 4/2021 Oikawa  
 2021/0128963 A1 \* 5/2021 Anderson ..... A63B 21/4034  
 2021/0178212 A1 6/2021 Polinsky

OTHER PUBLICATIONS

Lifefitness Pro2, announced 2011 [online], [site visited Jul. 21, 2021] Available on internet, URL: <https://www.youtube.com/watch?v=30N6fKpuTNo> (Year: 2011).  
 Precor C-Line, announced 2015 [online], [site visited Jul. 21, 2021] Available on internet, URL: [https://www.youtube.com/watch?v=3LeWUejZ\\_Tk](https://www.youtube.com/watch?v=3LeWUejZ_Tk) (Year: 2015).  
 Life Fitness, announced 2011 [online], [site visited Jul. 21, 2021] Available on internet, URL: <https://www.youtube.com/watch?v=LyQUwIzOLrA> (Year: 2011).  
 Goodlife, announced 2016 [online], [site visited Jul. 21, 2021] Available on internet, URL: <https://www.youtube.com/watch?v=8EMbB0tCn7Q> (Year: 2016).  
 Lifestrong, announced 2009 [online], [site visited Jul. 21, 2021] Available on internet, URL: [https://www.youtube.com/watch?v=n8TOta\\_pfr4](https://www.youtube.com/watch?v=n8TOta_pfr4) (Year: 2009).  
 TDS Extension, announced 2019 [online], [site visited Jul. 21, 2021] Available on internet, URL: [https://www.amazon.com/TDS-Extension-Paddings-Extensions-Exercises/dp/B07JHV8CXF/ref=sr\\_1\\_122?dchild=1&keywords=leg+curl+exercise+machine&gid=1626900432&sr=8-122](https://www.amazon.com/TDS-Extension-Paddings-Extensions-Exercises/dp/B07JHV8CXF/ref=sr_1_122?dchild=1&keywords=leg+curl+exercise+machine&gid=1626900432&sr=8-122) (Year: 2019).

\* cited by examiner

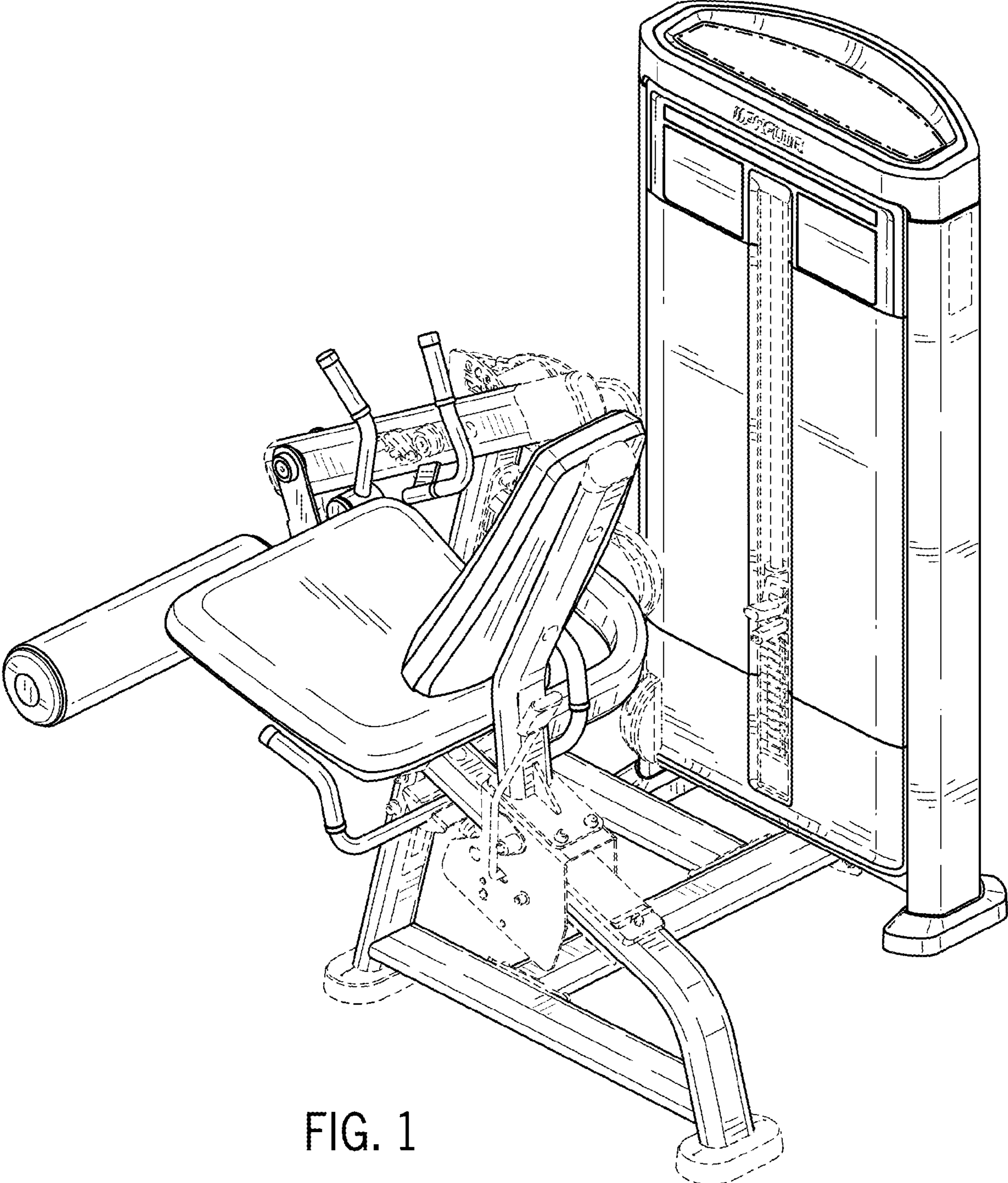


FIG. 1

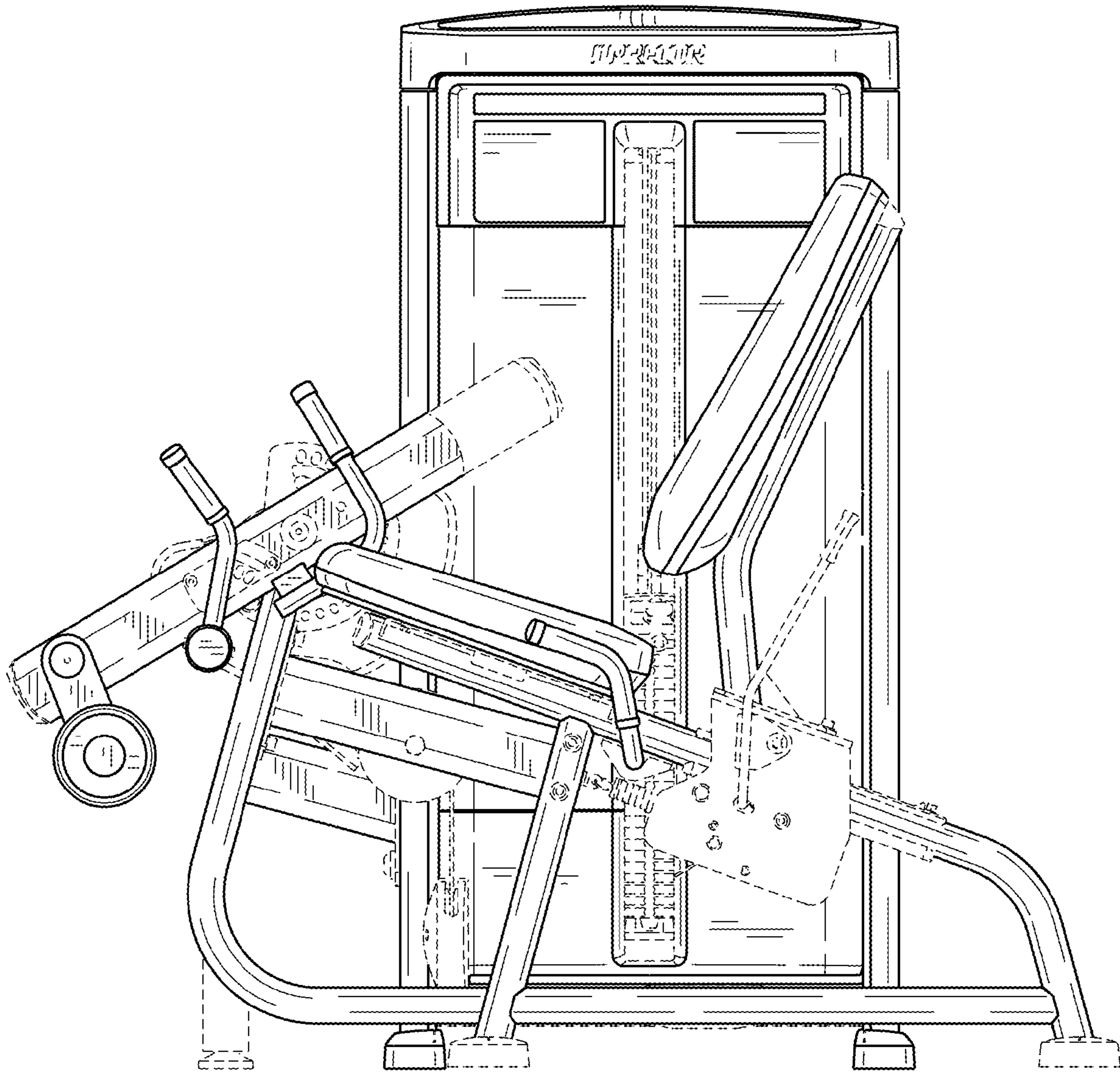


FIG. 2

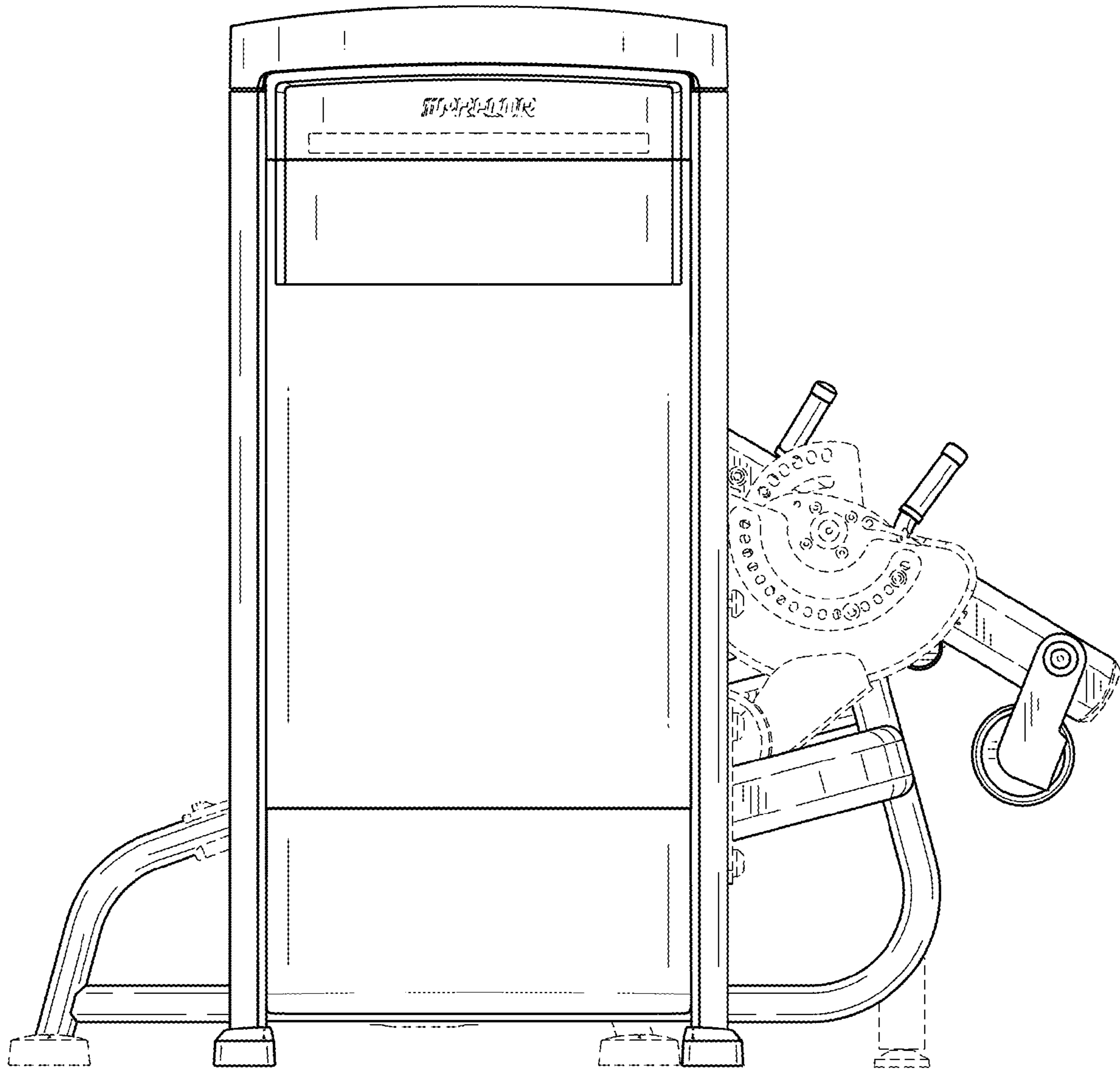


FIG. 3

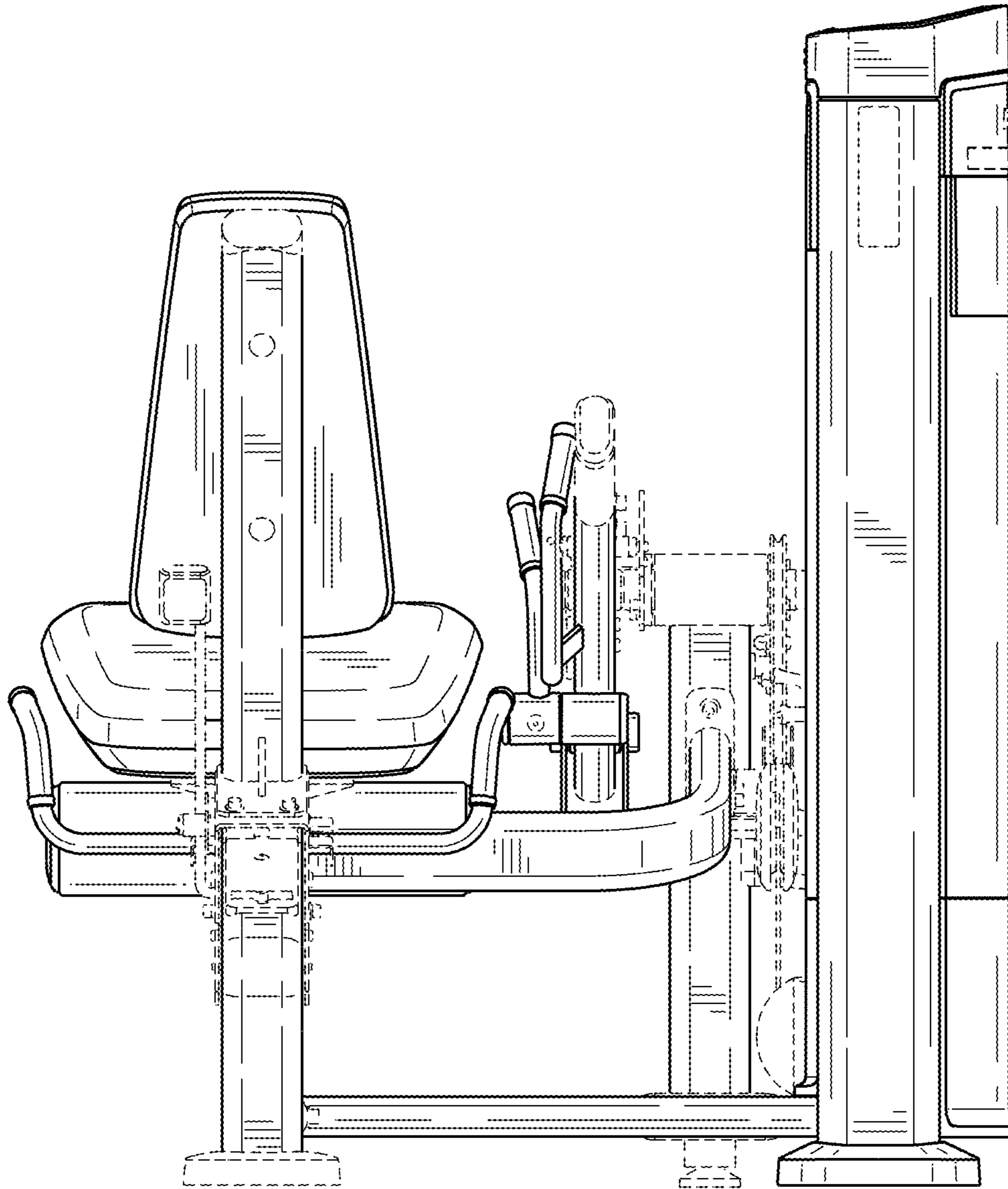


FIG. 4

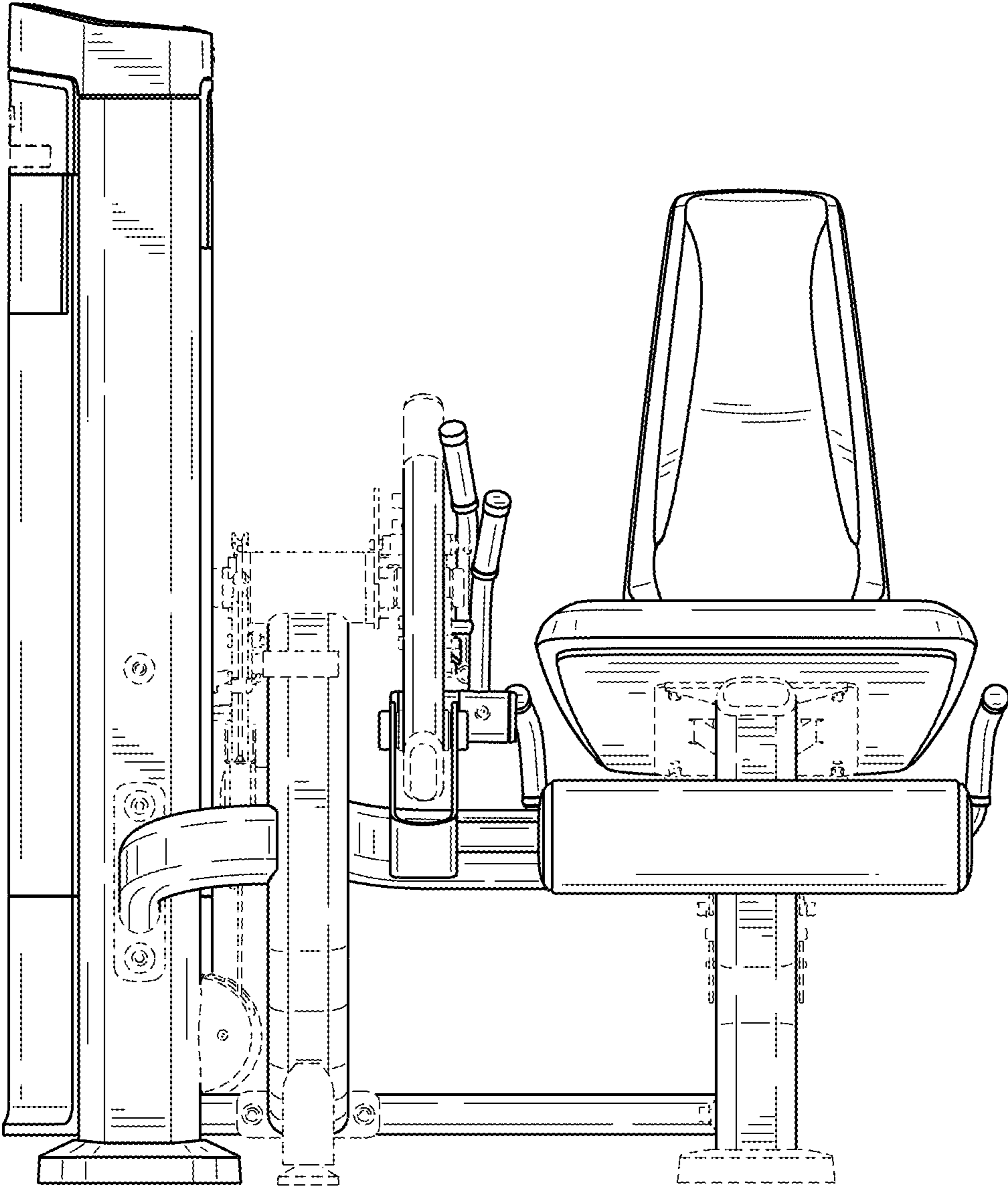


FIG. 5

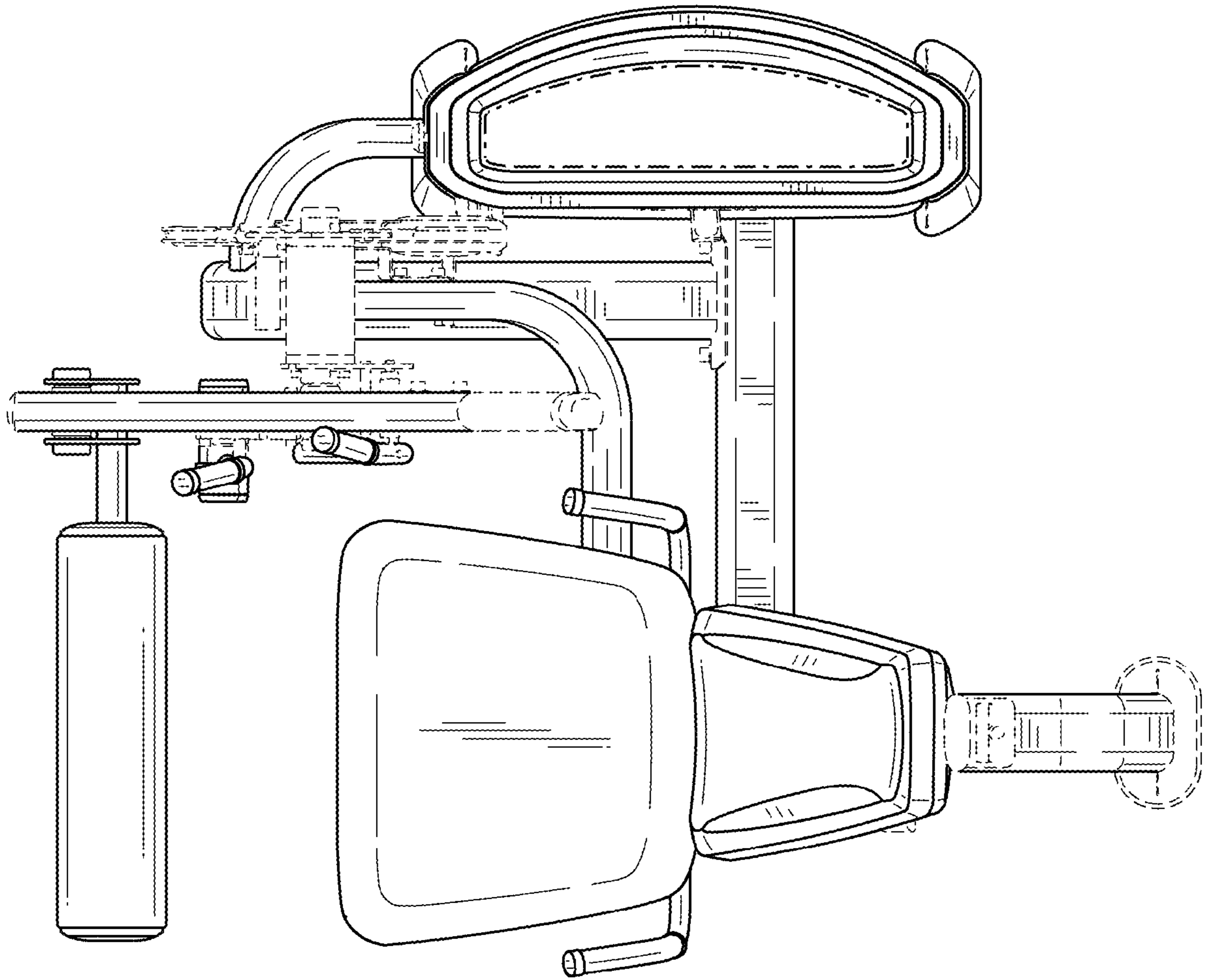


FIG. 6



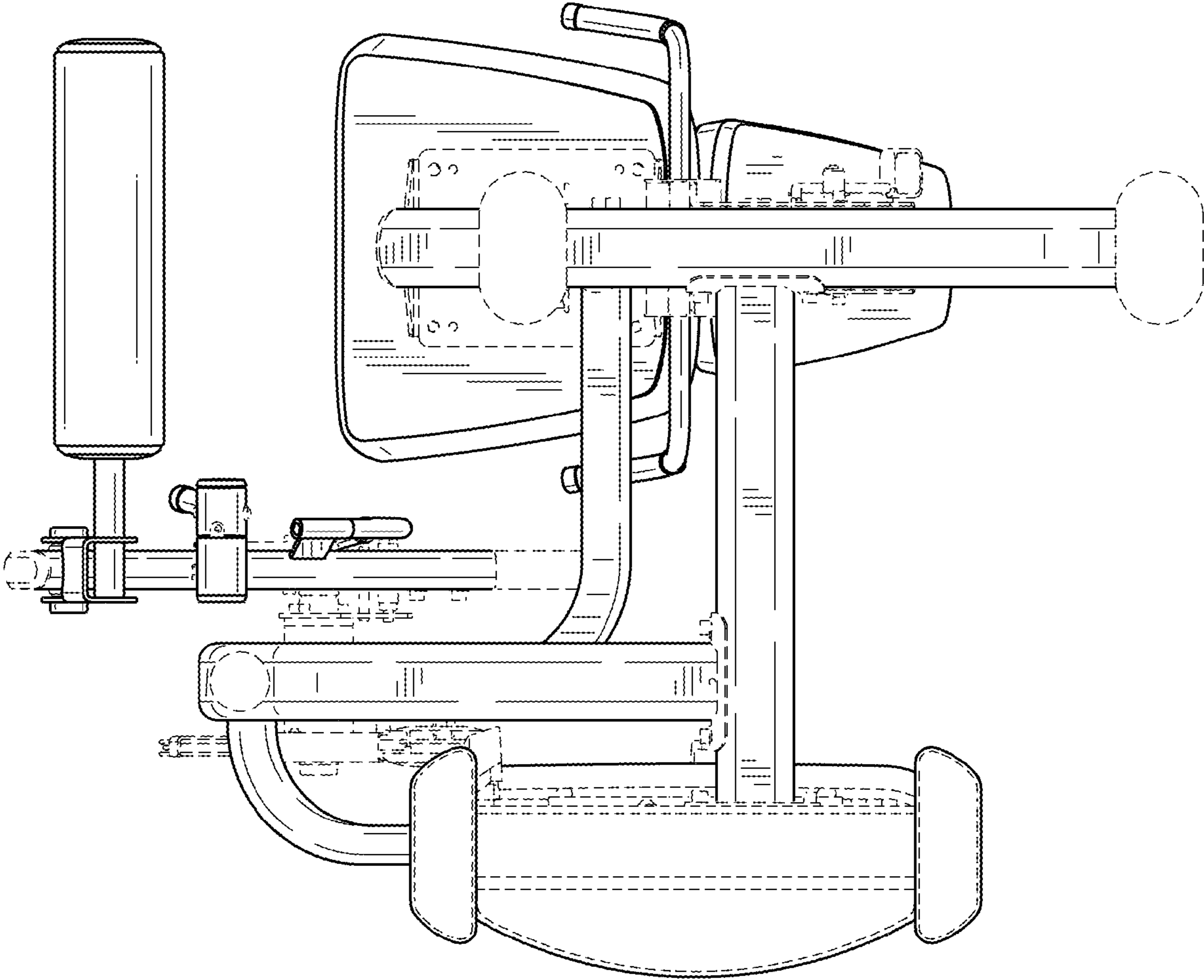


FIG. 7