



US00D662011S

(12) **United States Design Patent**
D’Aluisio et al.

(10) **Patent No.:** **US D662,011 S**
(45) **Date of Patent:** **** Jun. 19, 2012**

(54) **BICYCLE FRAME**

(75) Inventors: **Christopher P. D’Aluisio**, Corralitos, CA (US); **Kyle L. Chubbuck**, San Jose, CA (US)

(73) Assignee: **Specialized Bicycle Components, Inc.**, Morgan Hill, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/396,222**

(22) Filed: **Jun. 27, 2011**

(51) **LOC (9) Cl.** **12-11**

(52) **U.S. Cl.** **D12/111**

(58) **Field of Classification Search** D12/111, D12/117, 118; 280/274–280, 281.1, 283–288, 280/288.1–288.4

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

504,079	A	8/1893	Cullmann	
587,337	A	8/1897	Smith	
704,288	A	7/1902	Anderson	
869,476	A	10/1907	Beck	
2,153,249	A *	4/1939	Henry	280/281.1
3,833,242	A *	9/1974	Thompson, Jr.	280/281.1
3,860,265	A *	1/1975	Weiss	280/281.1
3,866,946	A	2/1975	Robison	
4,051,704	A	10/1977	Kimura	
4,561,670	A *	12/1985	Takada	280/281.1
4,580,427	A	4/1986	Akamatsu	
4,582,343	A	4/1986	Wagh	
4,600,207	A	7/1986	Zosi	
4,789,174	A	12/1988	Lawwill	
4,918,969	A	4/1990	Takeuchi et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

DE 744465 1/1944

(Continued)

OTHER PUBLICATIONS

BikeRadar, Specialized 2011 Road: New Roubaix SL3, Allez And CruX, <http://www.bikeradar.com/news/article/specialized-2011-road-new-roubaix-sl3-allez-and-cruX-26769/>, dated Jun. 27, 2010.

(Continued)

Primary Examiner — Susan M Lee

Assistant Examiner — Linda G. Brooks

(74) *Attorney, Agent, or Firm* — Knobbe Martens Olson & Bear LLP

(57) **CLAIM**

The ornamental design for a bicycle frame, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and side perspective view of a first embodiment of a bicycle frame embodying our new design.

FIG. 2 is a side view thereof.

FIG. 3 is a side view thereof opposite the side view of FIG. 2.

FIG. 4 is a top view thereof.

FIG. 5 is a bottom view thereof.

FIG. 6 is a front view thereof.

FIG. 7 is a back view thereof.

FIG. 8 is a top, front and side perspective view of a second embodiment of a bicycle frame embodying our new design.

FIG. 9 is a side view thereof.

FIG. 10 is a side view thereof opposite the side view of FIG. 9.

FIG. 11 is a top view thereof.

FIG. 12 is a bottom view thereof.

FIG. 13 is a front view thereof.

FIG. 14 is a back view thereof.

FIG. 15 is a top, front and side perspective view of a third embodiment of a bicycle frame embodying our new design.

FIG. 16 is a side view thereof.

FIG. 17 is a side view thereof opposite the side view of FIG. 16.

FIG. 18 is a top view thereof.

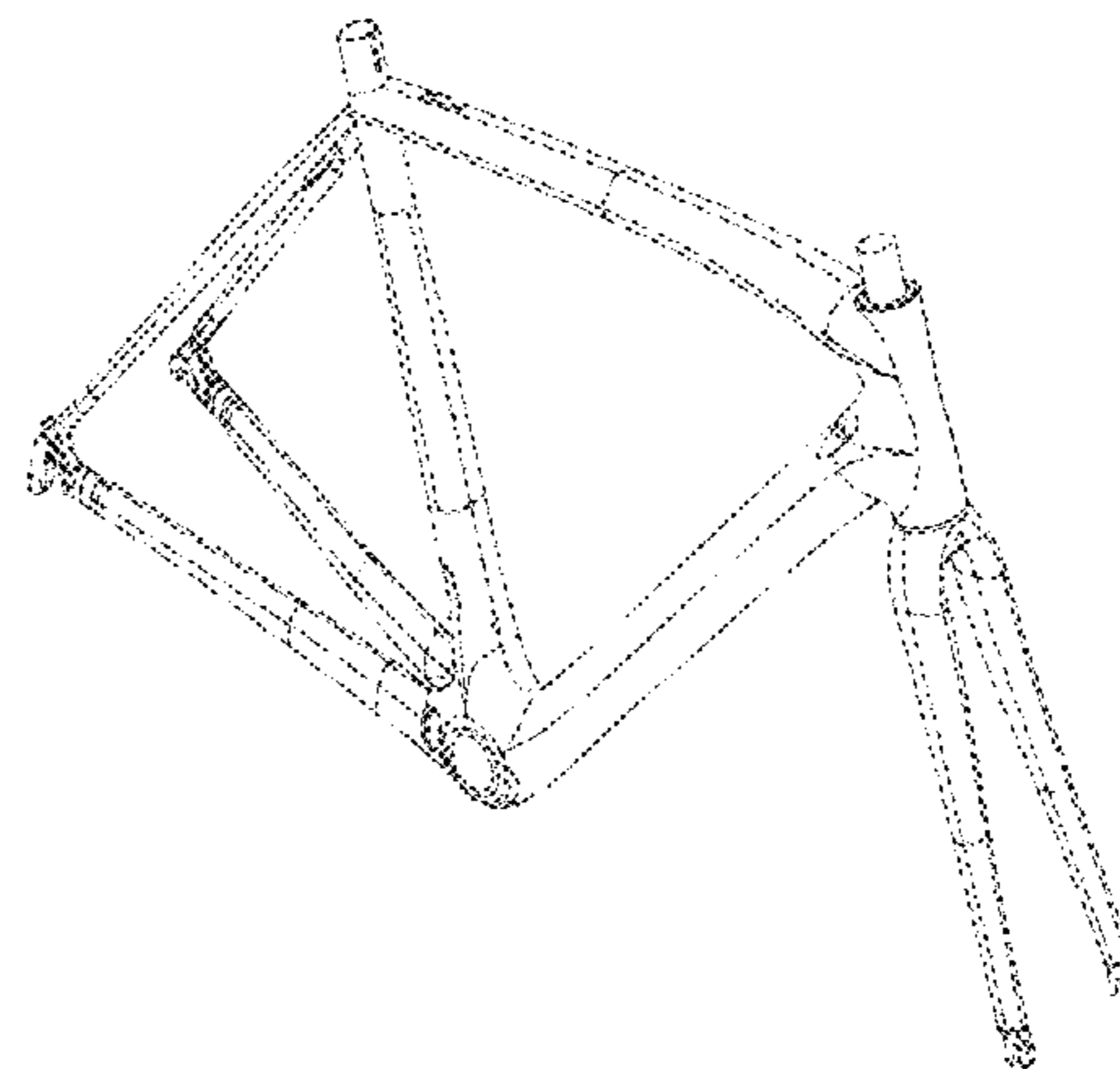
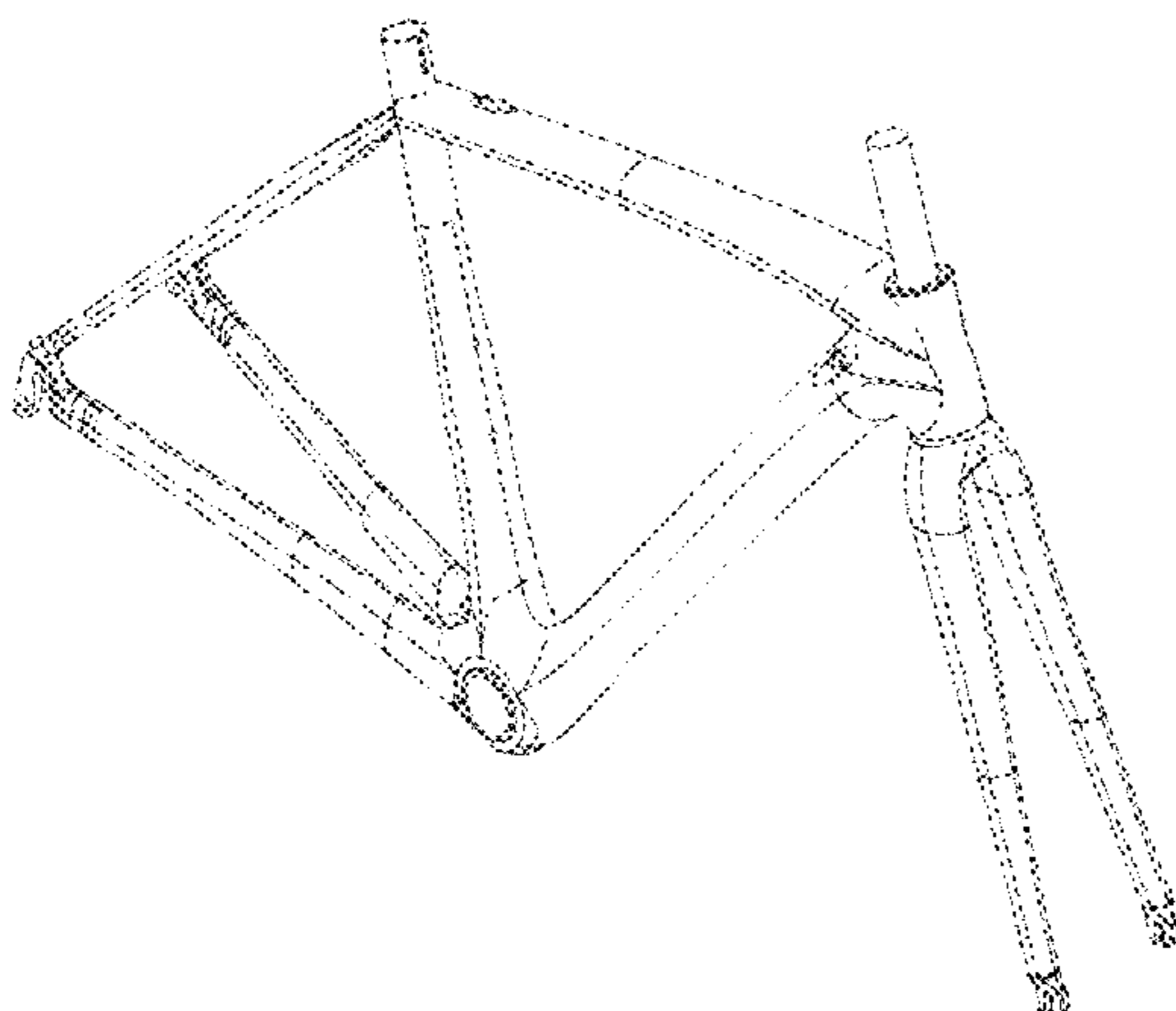
FIG. 19 is a bottom view thereof.

FIG. 20 is a front view thereof; and,

FIG. 21 is a back view thereof.

Broken lines are used to illustrate features of the bicycle frame which form no part of the claimed design. The broken lines immediately adjacent the shaded areas represent the bounds of the claimed design while all other broken lines are directed to environmental structure.

1 Claim, 15 Drawing Sheets



US D662,011 S

Page 2

U.S. PATENT DOCUMENTS

5,116,071 A * 5/1992 Calfee 280/281.1
 5,121,937 A 6/1992 Lawwill
 5,163,758 A * 11/1992 Chi 280/279
 5,226,674 A 7/1993 Buell et al.
 5,269,551 A * 12/1993 Martin et al. 280/281.1
 5,273,301 A 12/1993 Klein
 5,397,146 A * 3/1995 Fischer 280/288.4
 5,460,396 A 10/1995 Sutter et al.
 D372,002 S * 7/1996 Busby et al. D12/111
 5,803,476 A 9/1998 Olson et al.
 5,938,225 A 8/1999 Scheibe et al.
 6,085,405 A 7/2000 Kao
 6,086,080 A 7/2000 Scheffer
 6,123,353 A * 9/2000 Bennett et al. 280/281.1
 6,151,948 A 11/2000 Ashworth et al.
 6,170,845 B1 1/2001 Tseng
 6,203,042 B1 3/2001 Wilcox
 6,375,210 B1 4/2002 Lam
 6,378,885 B1 4/2002 Ellsworth et al.
 6,471,230 B2 10/2002 Ellsworth et al.
 6,481,523 B1 11/2002 Noro et al.
 6,595,538 B2 7/2003 Ellsworth et al.
 6,609,437 B2 8/2003 Jiang
 6,682,088 B1 1/2004 Lin
 6,783,158 B2 8/2004 Nakagawa et al.
 6,805,372 B2 10/2004 Gueugneaud
 6,843,494 B2 1/2005 Lam
 6,845,998 B2 1/2005 Probst
 6,854,753 B2 2/2005 Turner
 6,880,847 B2 4/2005 Chamberlain et al.
 6,986,521 B1 * 1/2006 Li et al. 280/281.1
 7,052,028 B2 5/2006 Chamberlain
 7,052,029 B2 5/2006 Chamberlain et al.
 7,059,620 B2 6/2006 Chamberlain et al.
 7,506,528 B2 3/2009 Chamberlain
 7,537,231 B2 5/2009 Callahan et al.
 D593,457 S 6/2009 Talavasek et al.
 7,562,890 B2 * 7/2009 Yu 280/288.3

7,591,475 B1 * 9/2009 Calfee 280/284
 D637,527 S * 5/2011 Choi et al. D12/111
 8,042,822 B2 * 10/2011 D'Aluisio 280/274
 2006/0284394 A1 12/2006 Chamberlain et al.
 2009/0224507 A1 9/2009 Hu
 2010/0096832 A1 * 4/2010 Pinarello 280/281.1
 2011/0241309 A1 10/2011 Rioux et al.
 2011/0278816 A1 11/2011 Chamberlain

FOREIGN PATENT DOCUMENTS

DE	20217875	4/2003
EP	1238900	9/2002
JP	53077868	7/1978
JP	55153632	11/1980
JP	58081531	5/1983
JP	03-231087	10/1991
JP	10-94879 A	4/1998
JP	2006-290139 A	10/2006
TW	220395	8/2004

OTHER PUBLICATIONS

BikeRadar, Specialized Unveil Project Black Machine For Saxo Bank, <http://www.bikeradar.com/news/article/specialized-unveil-project-black-machine-for-saxo-bank-25644>, dated Apr. 7, 2010.
 VeloNews, 2011 Specialized Roubaix: with or without battery, http://velonews.competitor.com/2010/06/bikes-and-tech/2011-specialized-roubaix-with-or-without-battery_123445, dated Jun. 27, 2010.
 VeloVert, Nouveuu Stumpjumper 2010, http://www.velovert.com/photo_reportage/4752/Le-squelette-du-Stumpy-version-en-carbone.#cadre_photo, Jun. 29, 2009.
 European Search Report Application No. EP 04 01 2219, dated Apr. 21, 2006.
 Ellsworth Internet Materials, <http://www.ellsworthbikes.com/bikes/id/index.cfm> dated Nov. 18, 2004 in 5 pages, cited by other.
 International Search Report and Written Opinion for International Application No. PCT/US2011/028372 mailed Apr. 28, 2011.

* cited by examiner

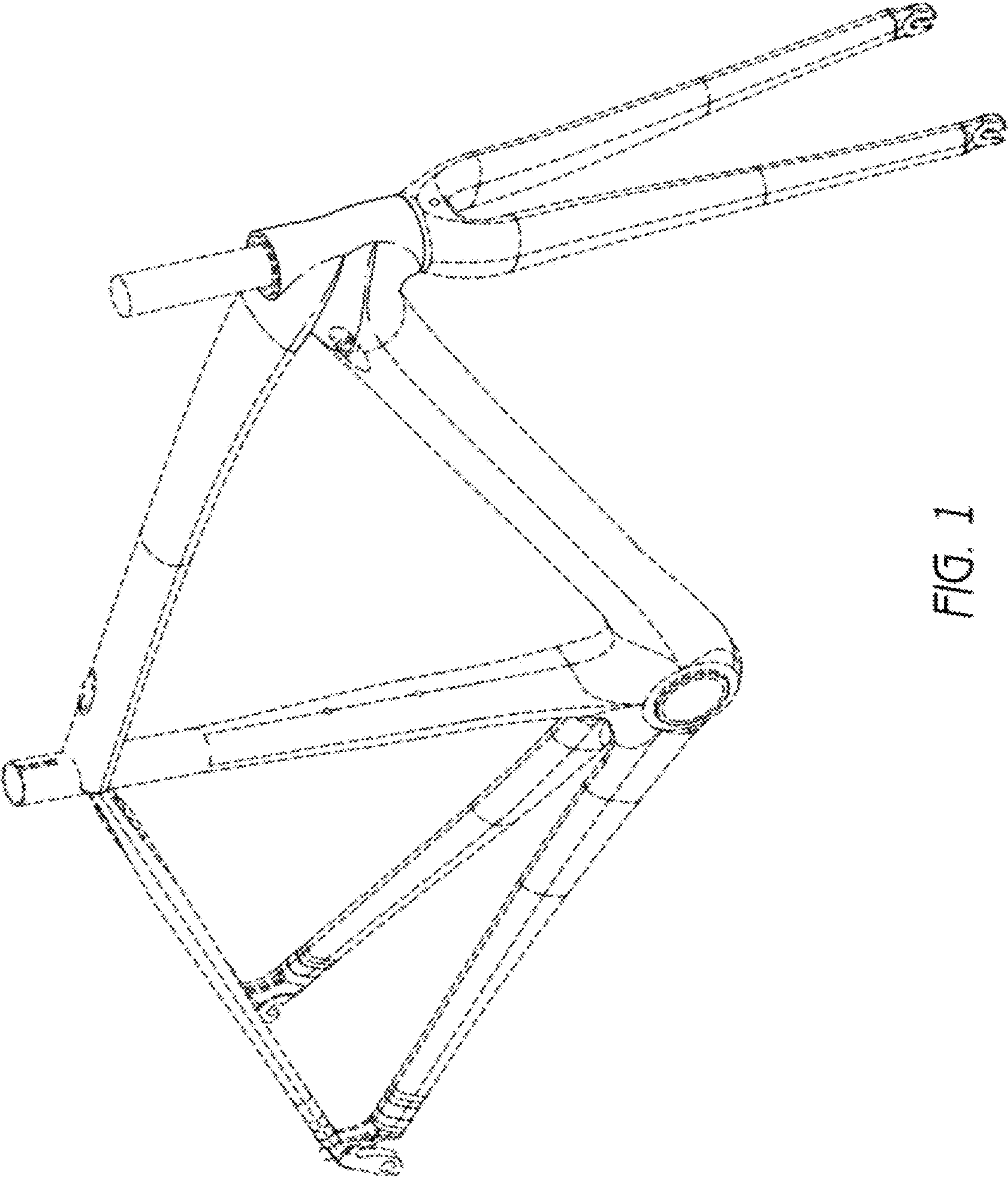


FIG. 1

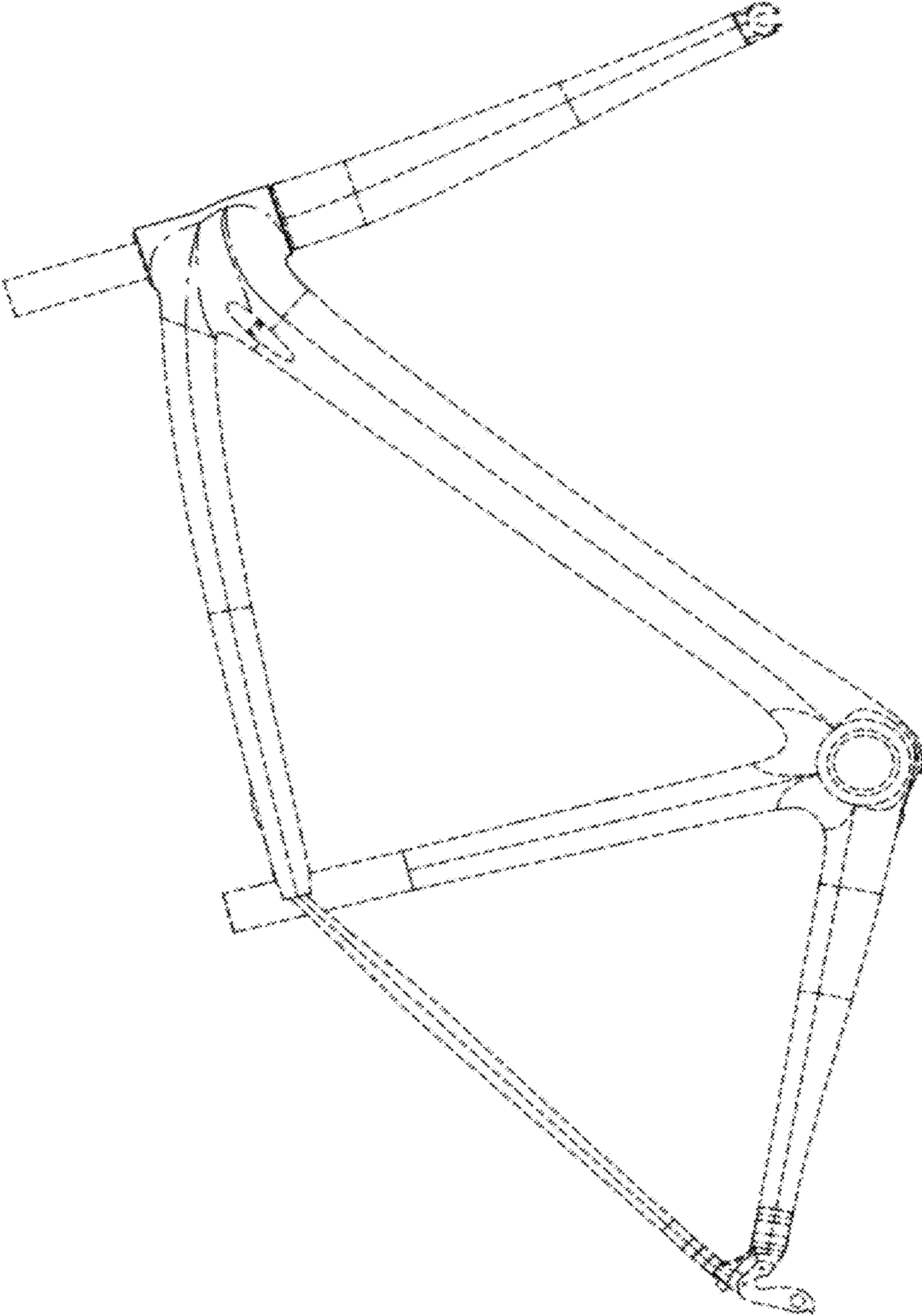


FIG. 2

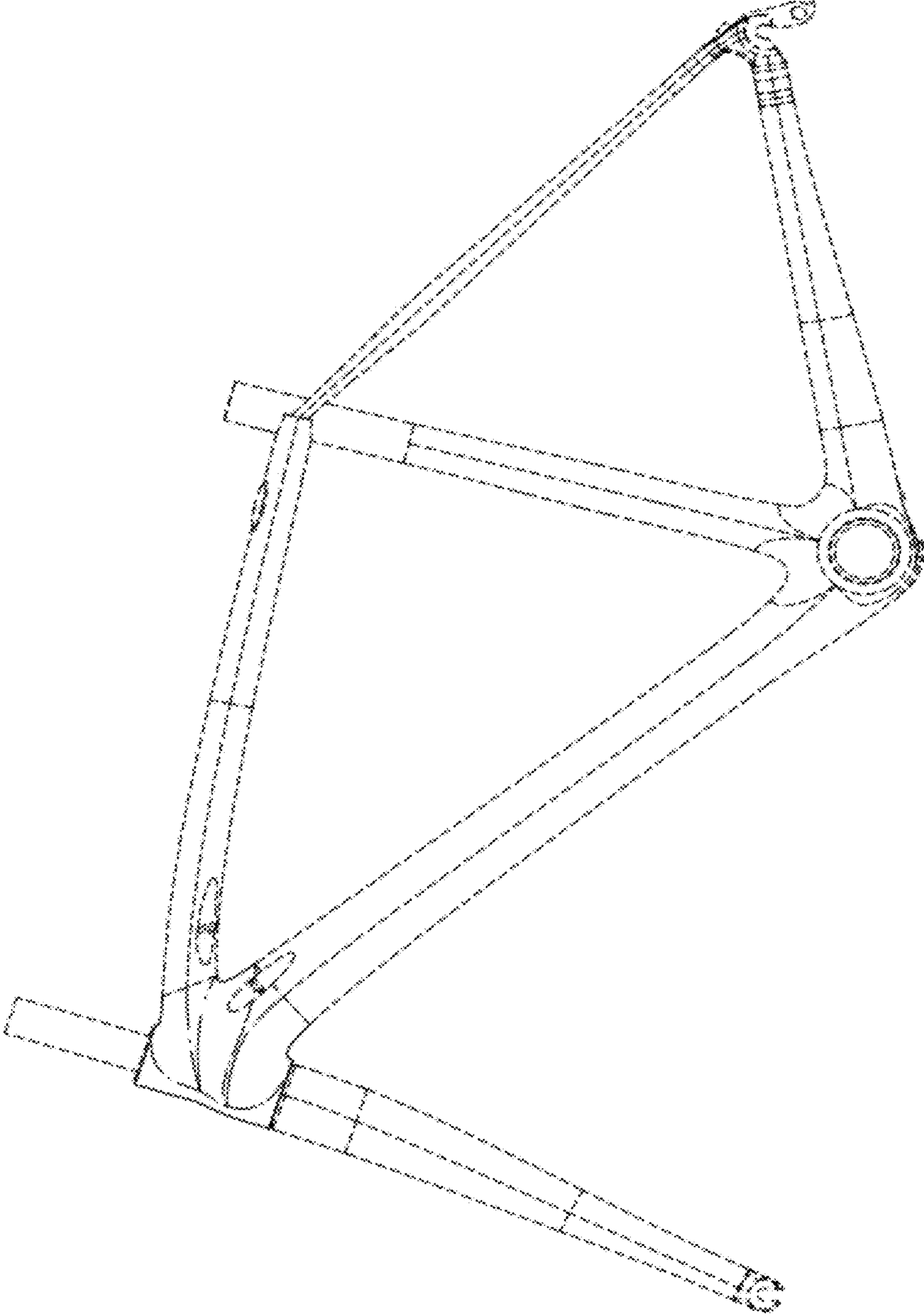


FIG. 3

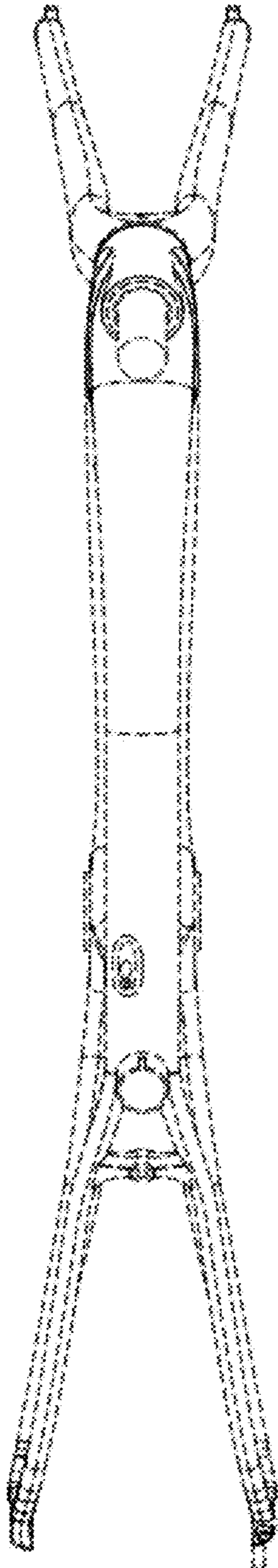


FIG. 4

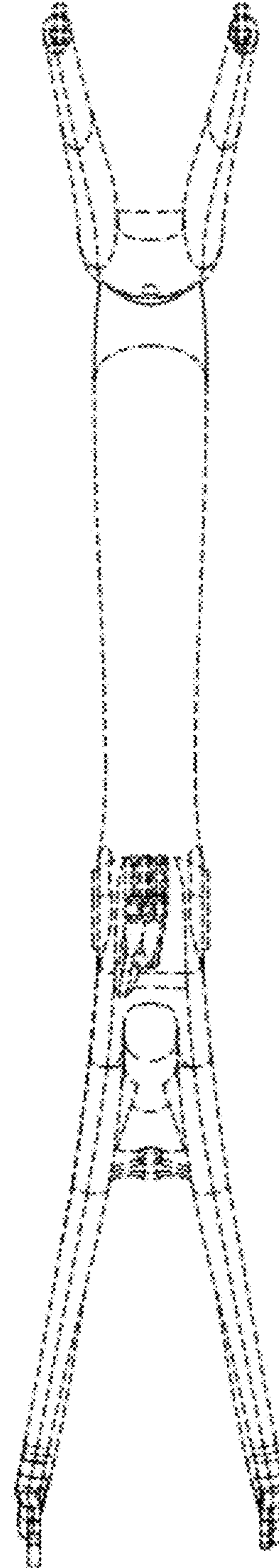


FIG. 5

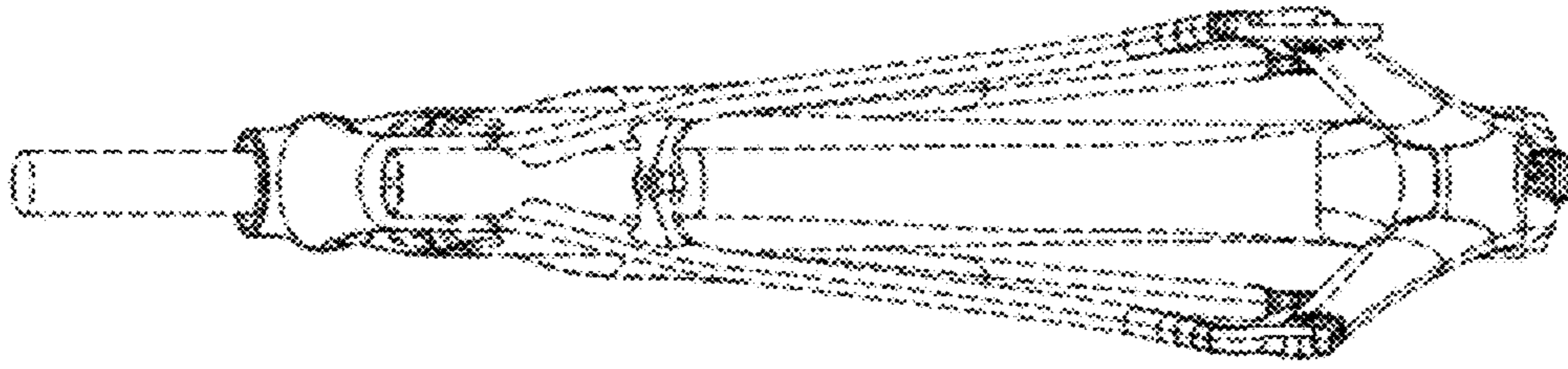


FIG. 7

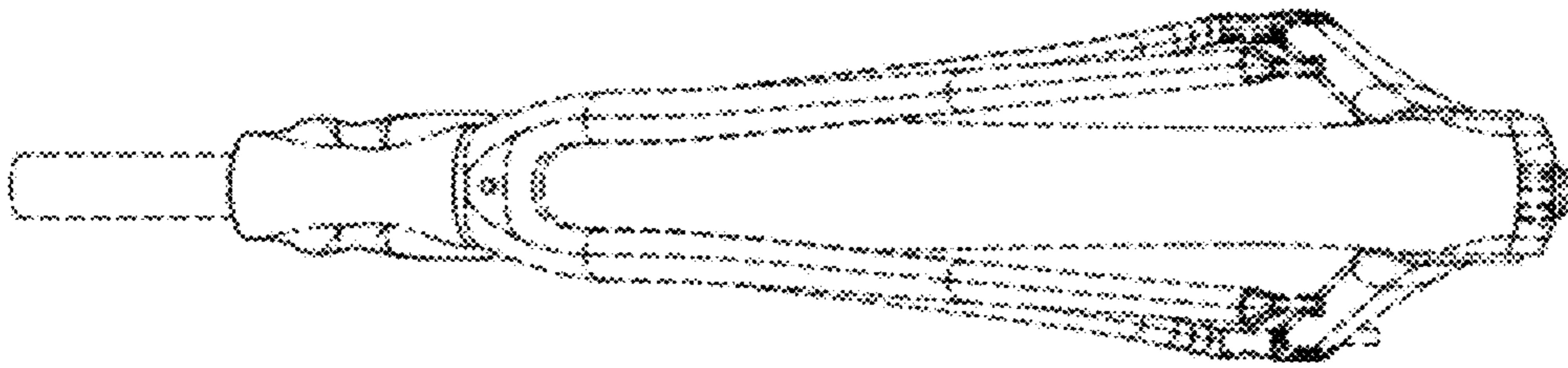


FIG. 6

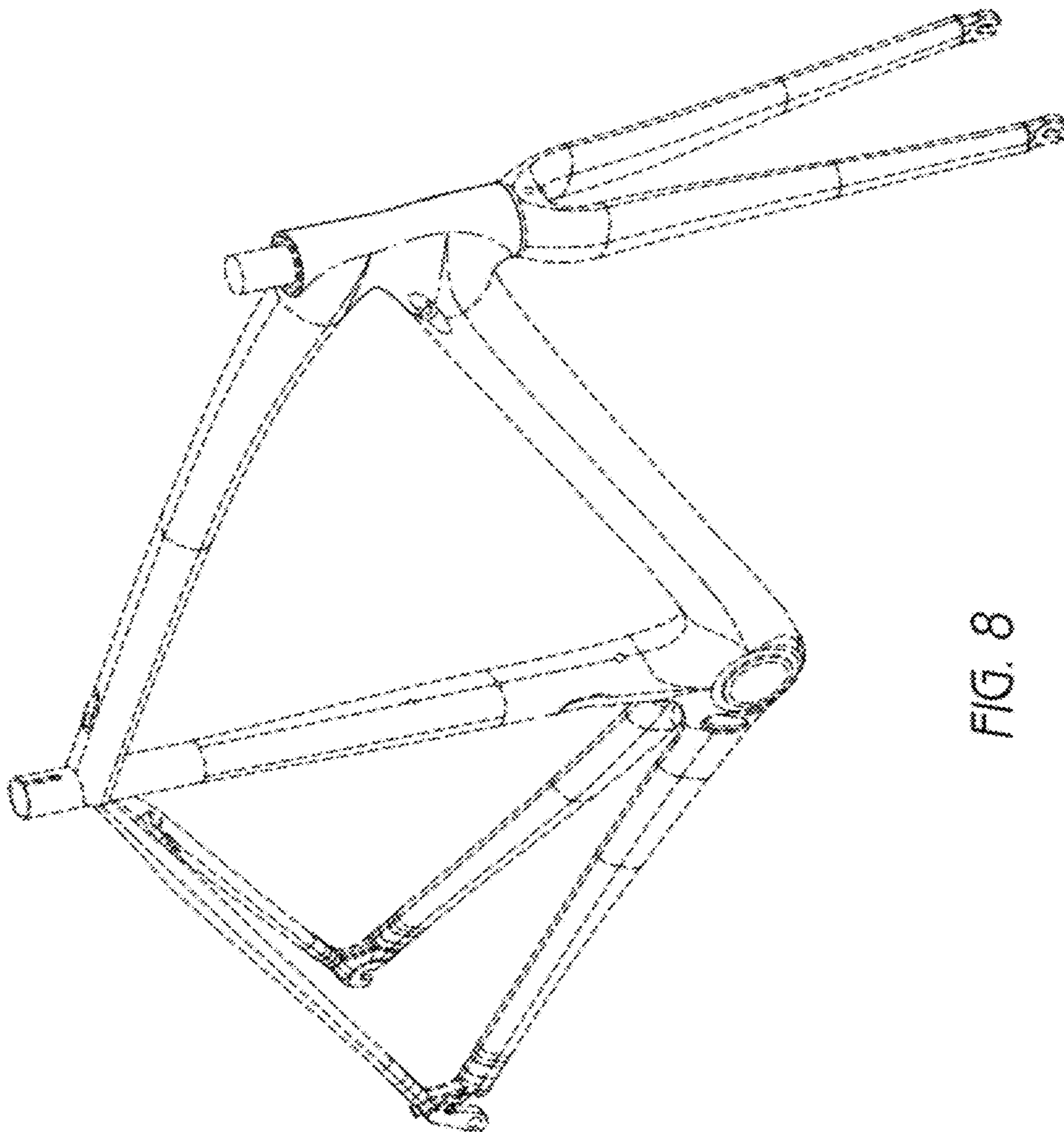


FIG. 8

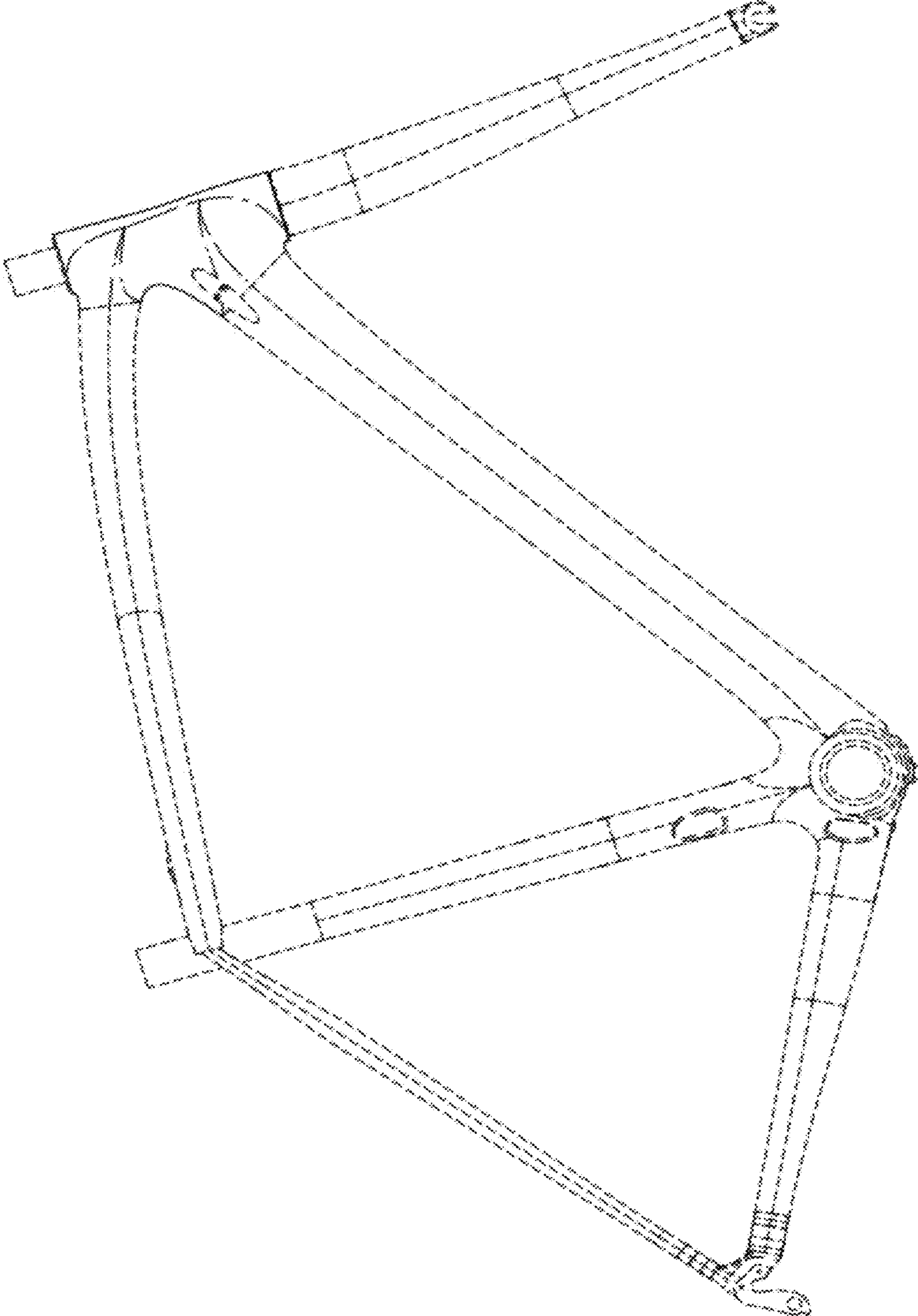


FIG. 9

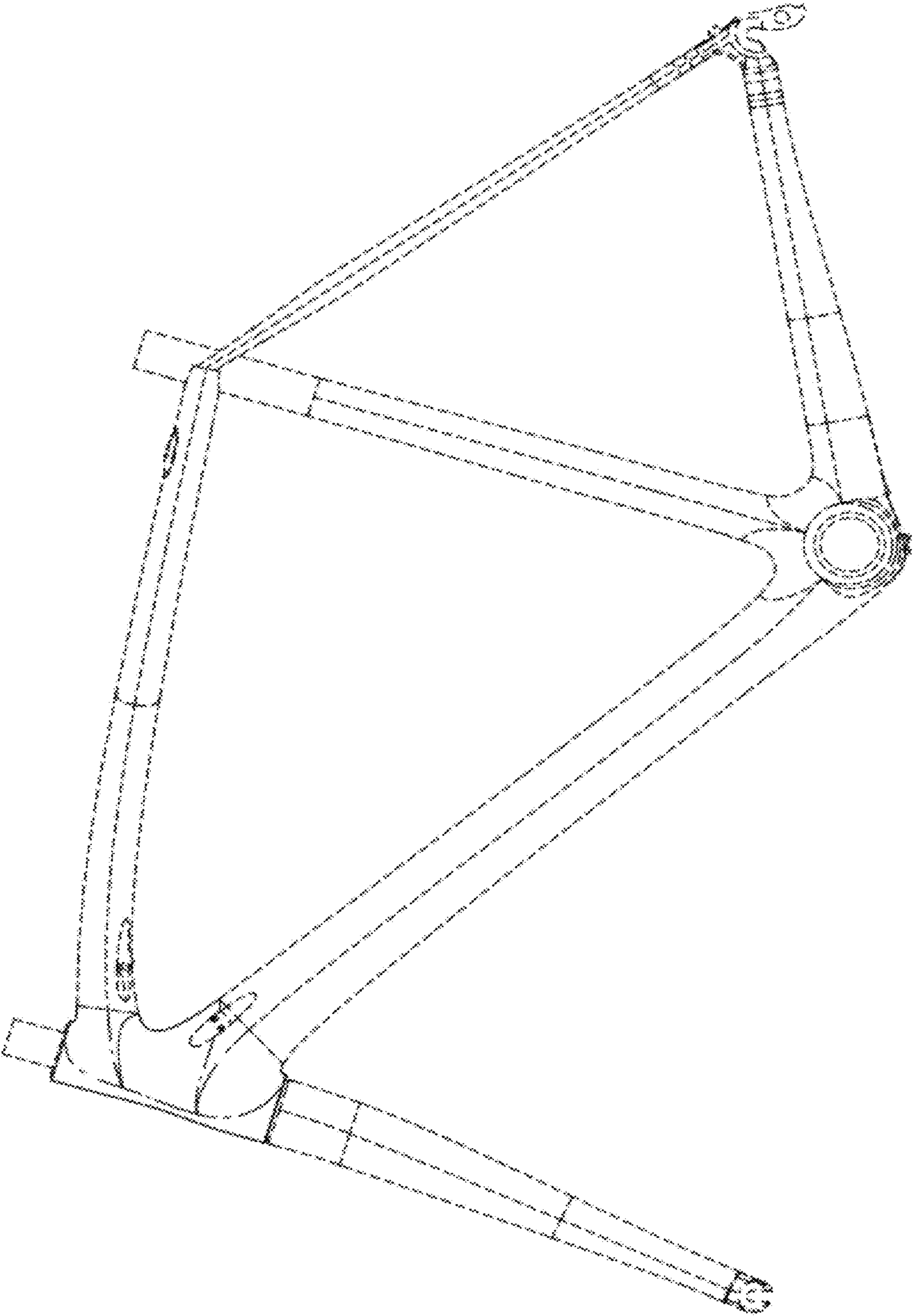


FIG. 10

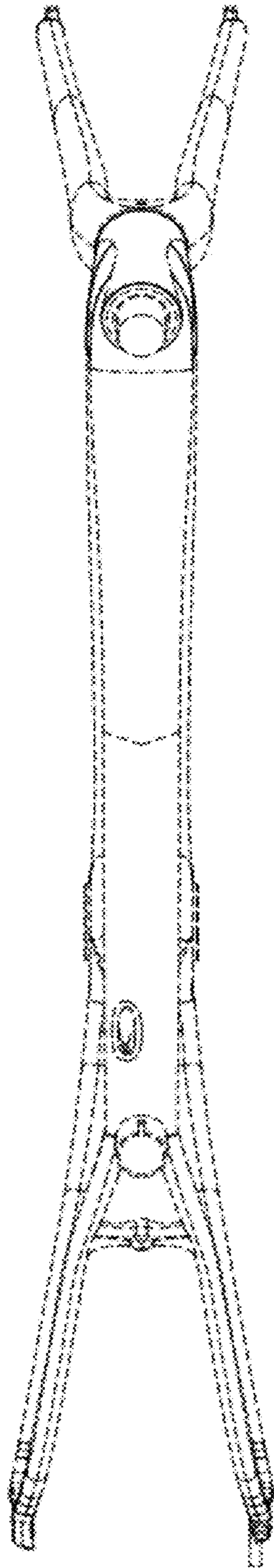


FIG. 11

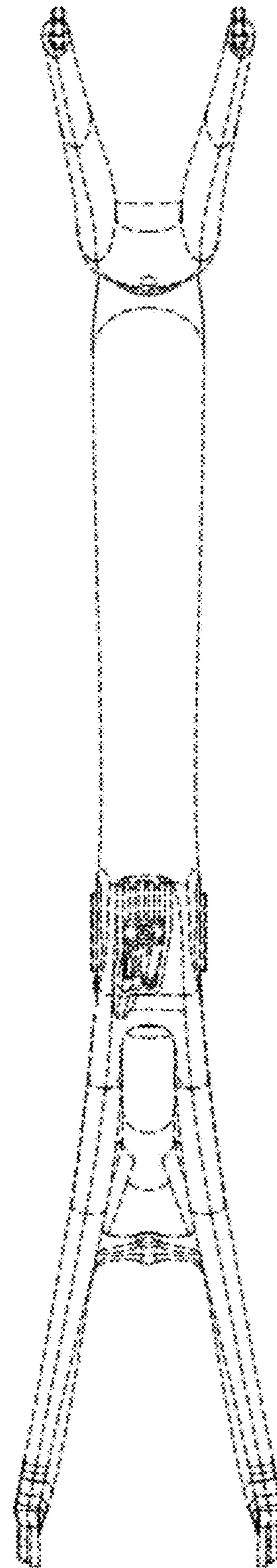


FIG. 12

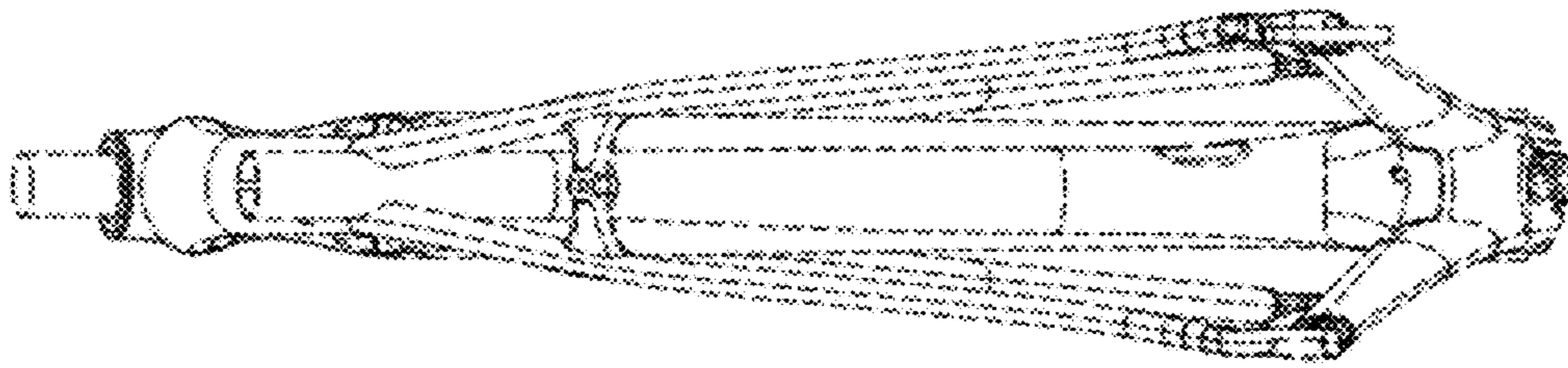


FIG. 14

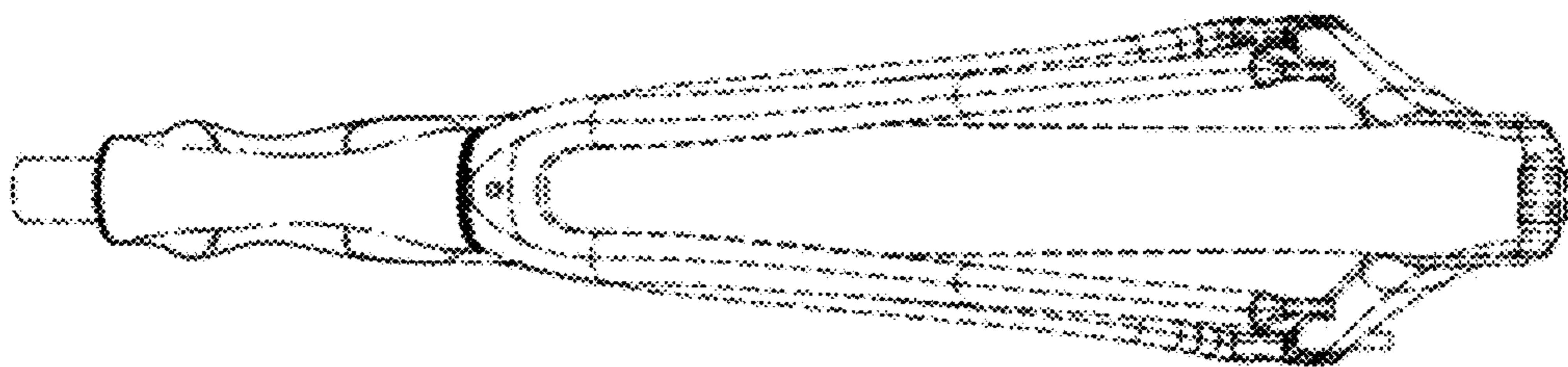


FIG. 13

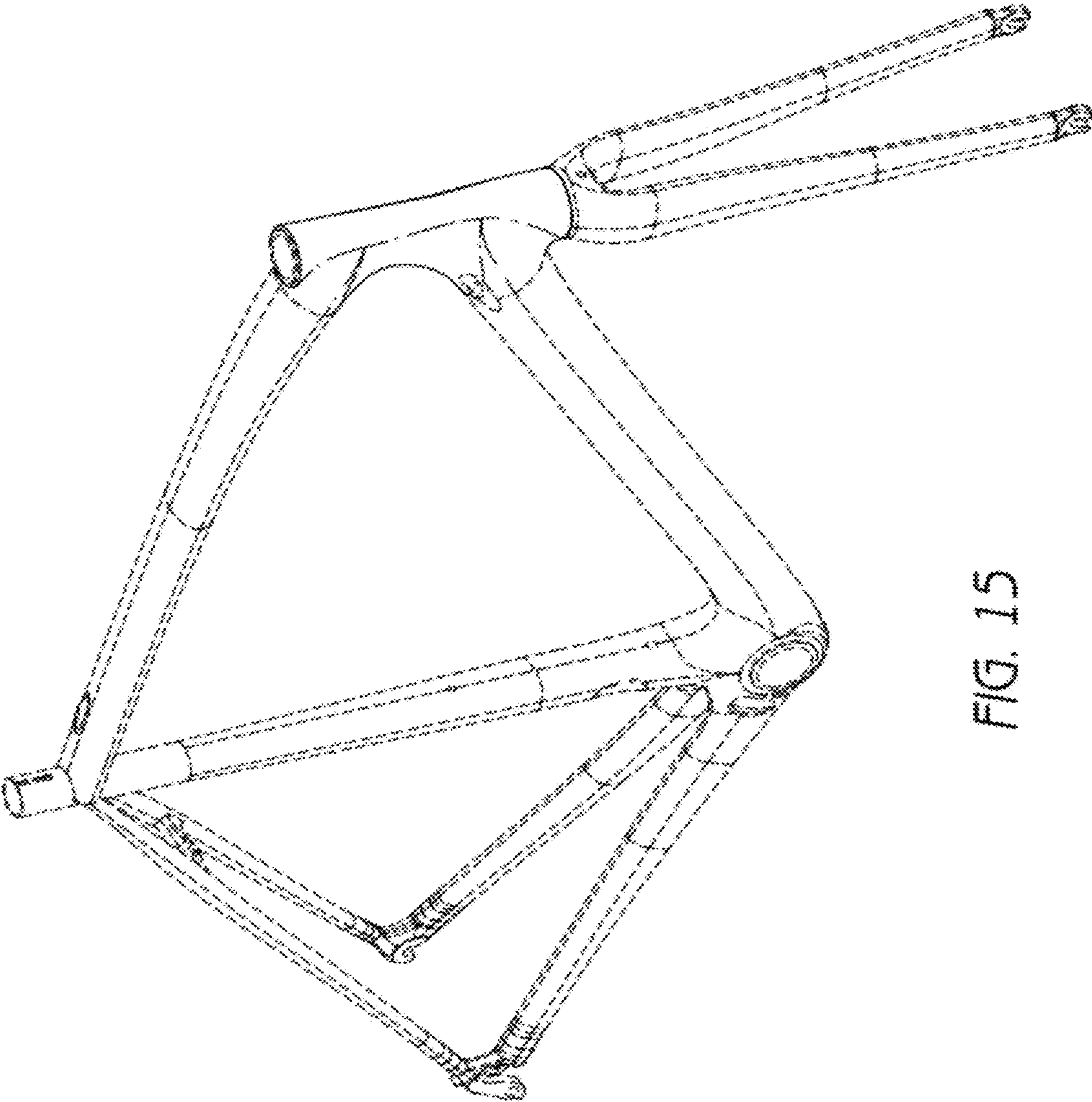


FIG. 15

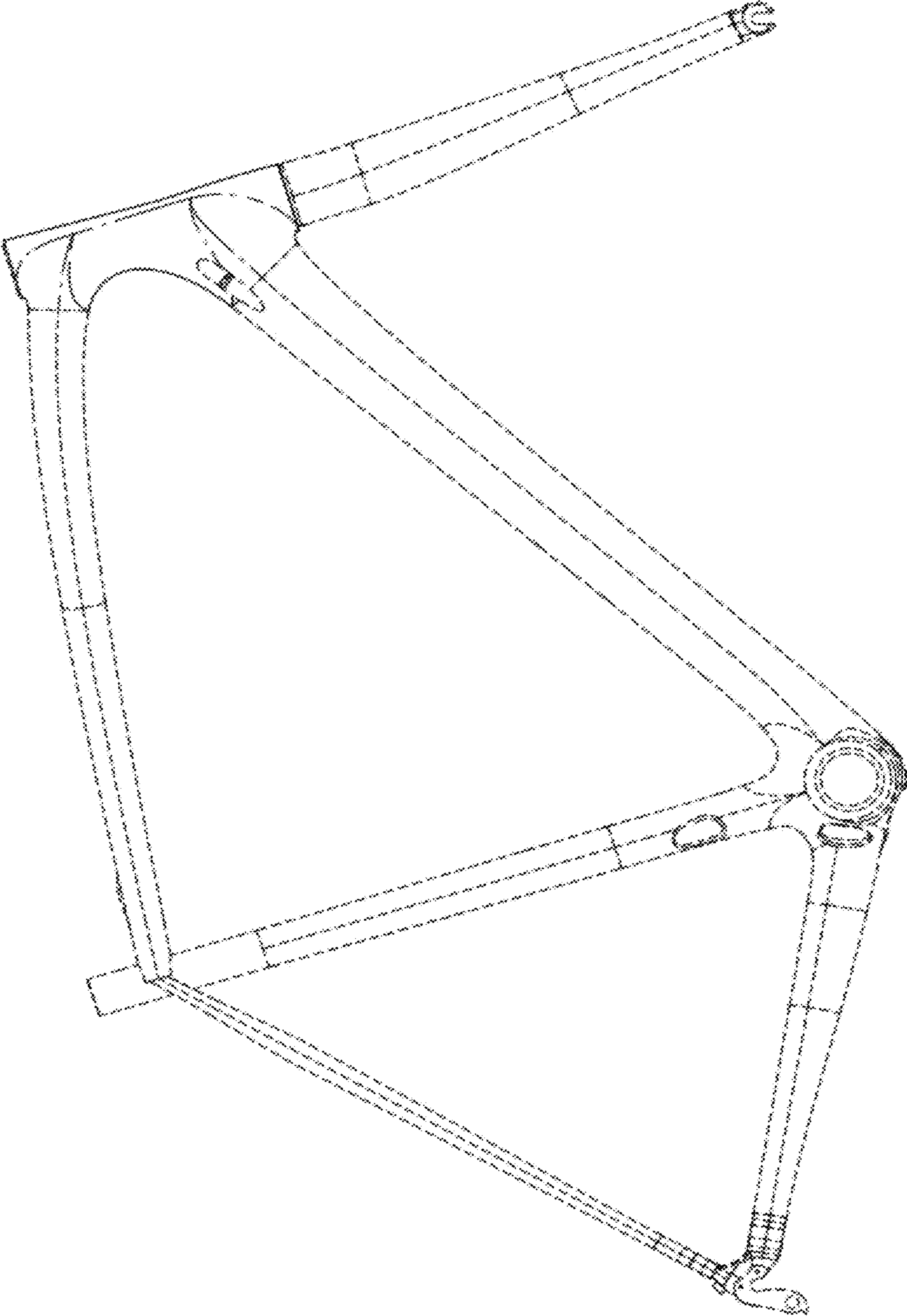


FIG. 16

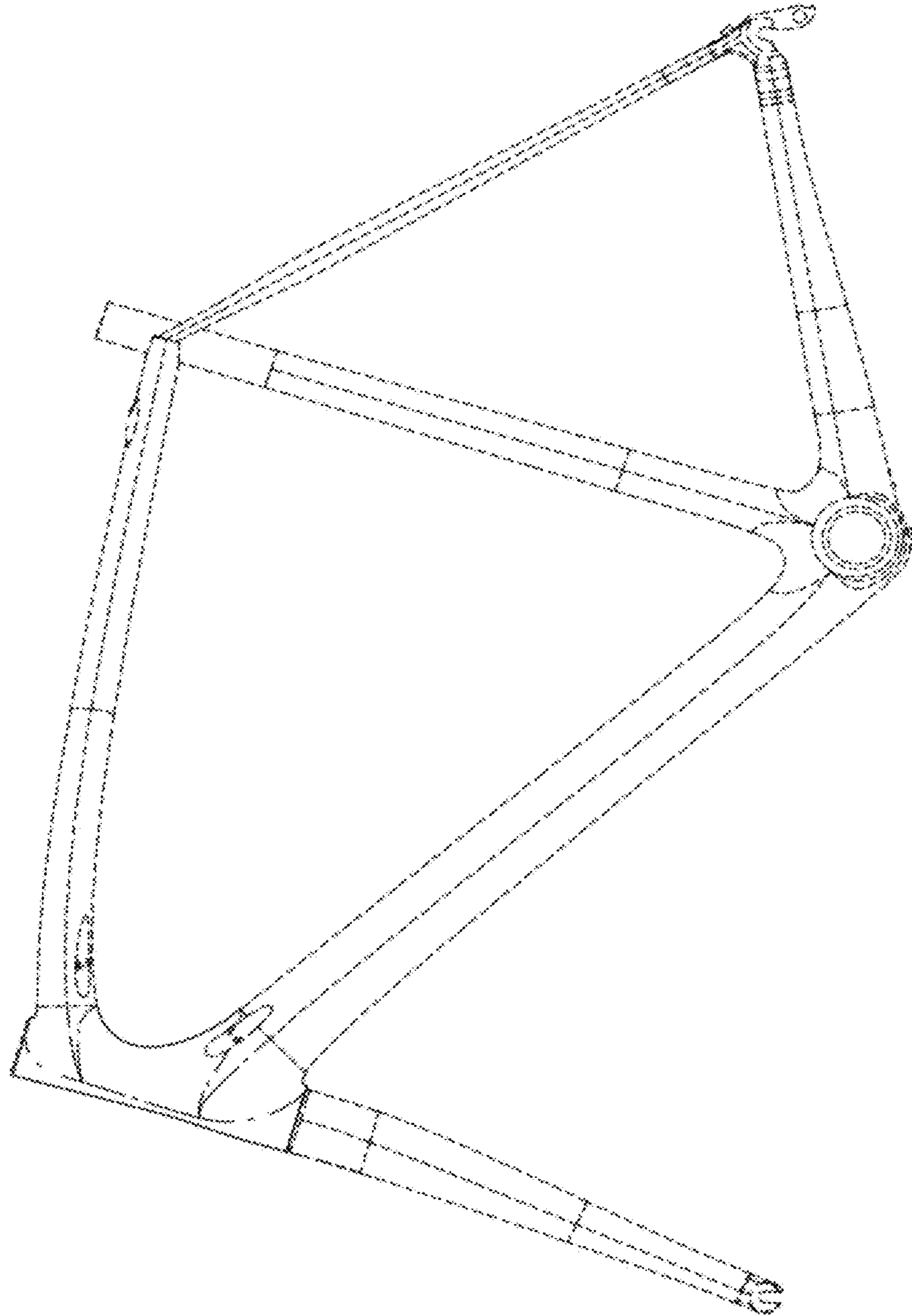


FIG. 17

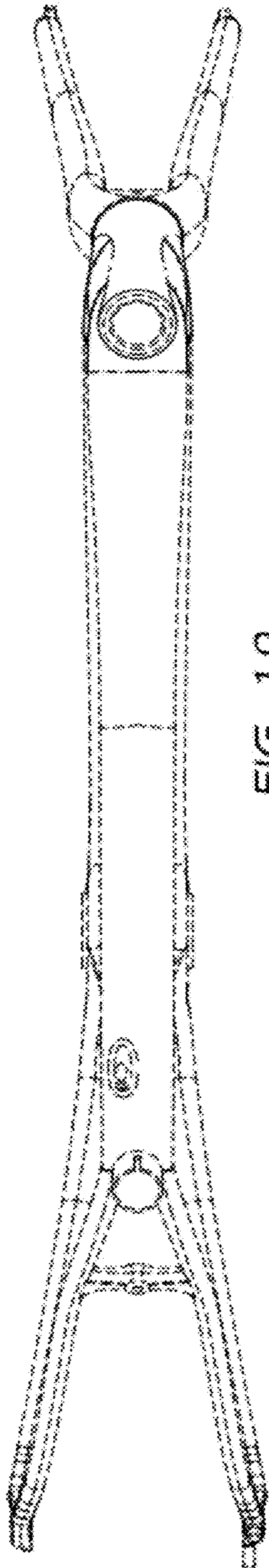


FIG. 18

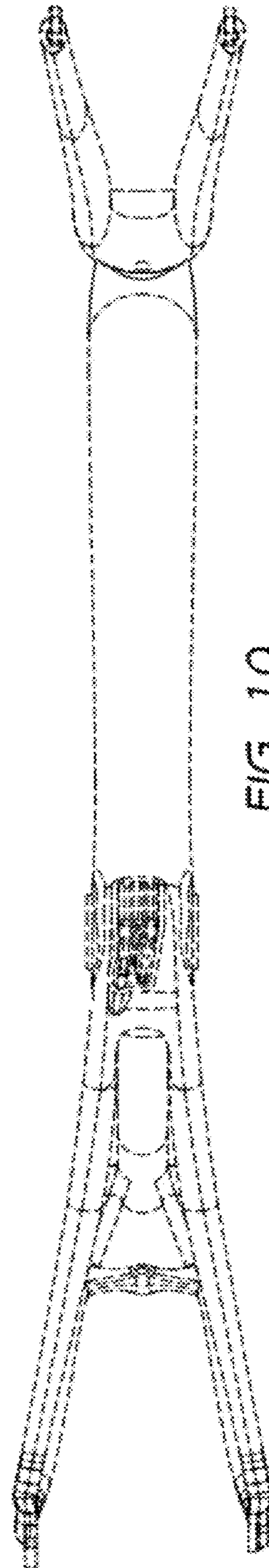


FIG. 19.

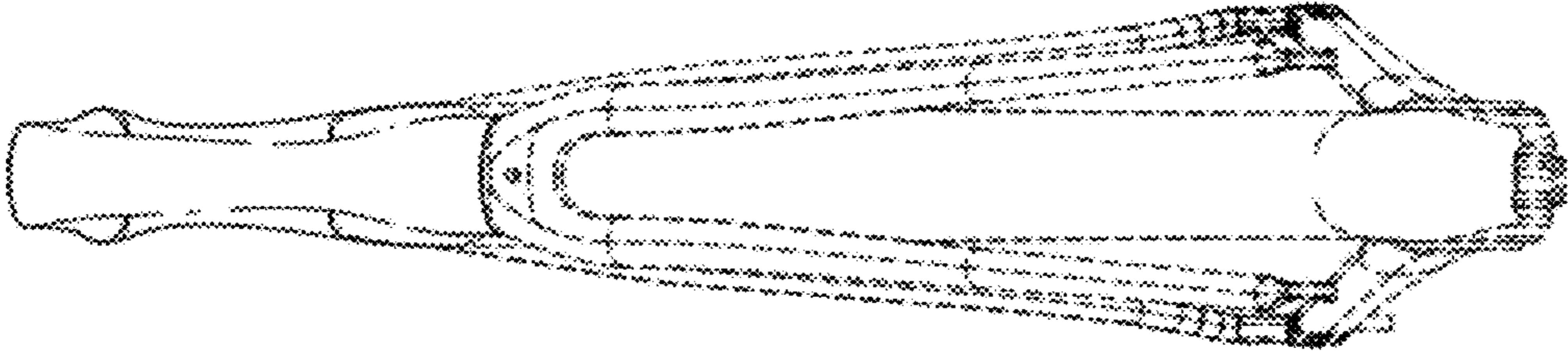


FIG. 21

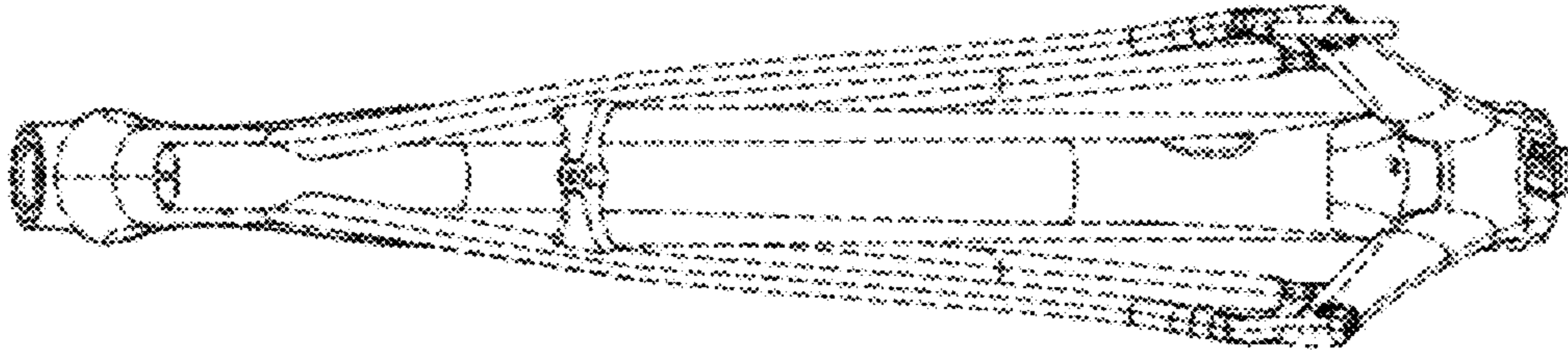


FIG. 20