



US00D755258S

(12) **United States Design Patent**
Ng

(10) **Patent No.:** **US D755,258 S**

(45) **Date of Patent:** **** May 3, 2016**

(54) **HAND LOOM FOR FORMING BRUNNIAN LINK ARTICLES**

(71) Applicant: **Choon's Design Inc.**, Wixom, MI (US)

(72) Inventor: **Cheong Choon Ng**, Novi, MI (US)

(73) Assignee: **Choon's Design LLC**, Wixom, MI (US)

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

(21) Appl. No.: **29/494,179**

(22) Filed: **Jun. 18, 2014**

(51) **LOC (10) Cl.** **15-06**

(52) **U.S. Cl.**
USPC **D15/66**

(58) **Field of Classification Search**
USPC D15/66-78; 66/4; 242/71.8, 118, 118.4;
139/33; 289/2, 16.5, 17, 18.1, 1.5
CPC A44C 5/0069; A44C 5/00; A47C 27/001;
A47C 27/00-27/008; D04B 39/00; D04B
39/02; D04B 39/04; D04B 39/06; D04B
39/08; D03D 29/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

222,937 A	12/1879	Newcomb	
246,648 A	9/1881	Wilcox	
254,258 A	2/1882	Barbour	
254,288 A	2/1882	Dimmick	
289,578 A	12/1883	Stewart	
D29,965 S *	1/1899	Blakeslee D15/72
782,657 A	2/1905	Hubert	
843,495 A	2/1907	Sander	
1,073,226 A	9/1913	Freeman	
1,318,465 A	10/1919	Seifarth	
1,318,604 A	10/1919	Schneider	
1,366,212 A	1/1921	Pollard	
1,375,119 A	4/1921	Stephen	
1,424,458 A	8/1922	Fleisher	

1,500,383 A	7/1924	Gourie	
1,599,040 A	9/1926	Clisby	
1,776,561 A	9/1930	La Croix	
1,994,659 A	3/1935	De A Mascarenhas	
2,108,424 A	2/1938	Bakely	
2,134,066 A	10/1938	Van Ness	
2,270,619 A	1/1942	Bowyer	
2,318,018 A	5/1943	Semonsen	
2,360,416 A	10/1944	Gray	
2,424,880 A *	7/1947	Robertson D03D 29/00 139/33
2,457,064 A	12/1948	Parisi	

(Continued)

FOREIGN PATENT DOCUMENTS

GB	2147918	5/1985
JP	2003-520083	7/2003

(Continued)

OTHER PUBLICATIONS

International Search Report & Written Opinion for International Application No. PCT/US2011/041553 mailed on Feb. 23, 2012.

(Continued)

Primary Examiner — Mark Goodwin

(74) *Attorney, Agent, or Firm* — Carlson, Gaskey & Olds, P.C.

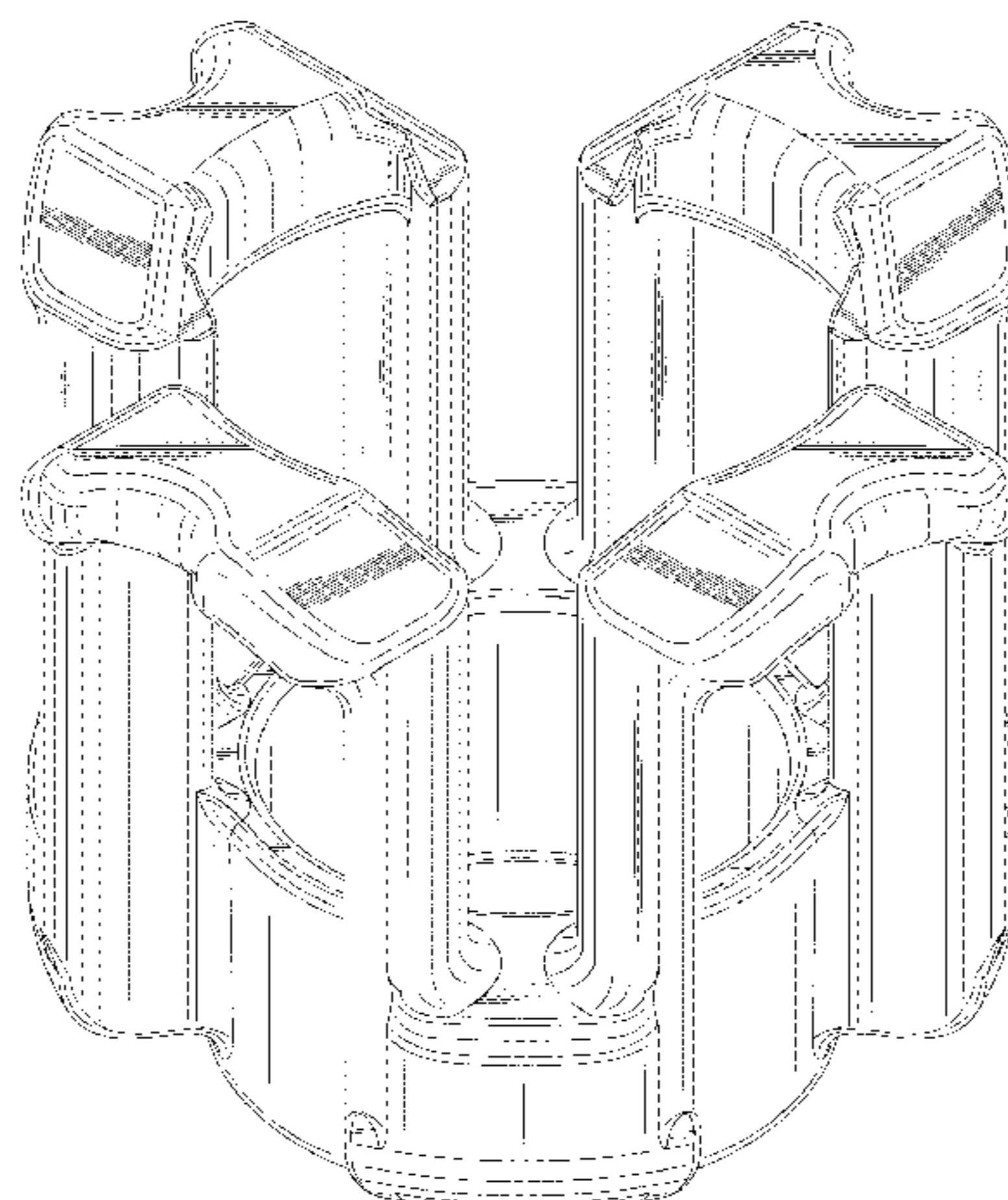
(57) **CLAIM**

The ornamental design for a hand loom for forming brunnian link articles, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a hand loom for forming brunnian link articles showing my new design; FIG. 2 is a side view thereof, all other sides being identical thereof; FIG. 3 is a top view thereof; and, FIG. 4 is a bottom view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,545,409 A 3/1951 McCall
 2,658,364 A 11/1953 Carlson
 2,687,630 A 8/1954 Carlson
 2,703,482 A 3/1955 Auran
 3,069,739 A 12/1962 Jorgenson et al.
 3,377,674 A 4/1968 Brassaw et al.
 3,438,098 A 4/1969 Grabner
 3,476,423 A 11/1969 Kentfield
 3,636,987 A 1/1972 Forby
 3,648,484 A 3/1972 Gordon
 3,665,971 A 5/1972 Ileks
 3,672,679 A 6/1972 Burns
 3,678,709 A 7/1972 Nowicki et al.
 3,688,357 A 9/1972 Nielsen et al.
 3,728,762 A 4/1973 Hogg
 3,748,706 A 7/1973 Doyel
 3,774,649 A * 11/1973 Glessner D03D 29/00
 139/33
 3,776,280 A * 12/1973 Kliot D03D 29/00
 139/33
 3,804,127 A * 4/1974 Rose D03D 29/00
 28/151
 3,805,345 A 4/1974 Antos
 3,971,417 A * 7/1976 Gentil D03D 29/00
 139/34
 4,032,179 A 6/1977 Goss
 4,114,892 A 9/1978 Csoka
 D250,338 S * 11/1978 LaPierre D15/78
 4,179,129 A 12/1979 Loomis
 4,416,040 A 11/1983 Towsley
 D273,588 S * 4/1984 Barrett D15/66
 4,563,812 A * 1/1986 Goddard-Watts H05K 13/06
 140/93 R
 4,569,108 A 2/1986 Schwab
 4,629,100 A 12/1986 Owens
 4,667,965 A 5/1987 Helms, Jr.
 D330,668 S 11/1992 Nagamatsu
 5,163,946 A 11/1992 Li
 5,231,742 A 8/1993 Macbain
 5,295,280 A 3/1994 Hudson et al.
 5,328,374 A 7/1994 Stevens
 5,426,788 A 6/1995 Meltzer
 5,437,459 A 8/1995 Kirby
 5,459,905 A 10/1995 Voyre
 5,577,299 A 11/1996 Thompson et al.
 5,639,090 A 6/1997 Stevens
 5,687,775 A 11/1997 Thompson et al.
 5,713,094 A 2/1998 Markey et al.
 5,927,764 A 7/1999 Harriman
 6,065,968 A 5/2000 Corliss
 6,122,859 A 9/2000 Lazar
 6,129,551 A 10/2000 Martin
 6,146,144 A 11/2000 Fowler et al.
 6,171,317 B1 1/2001 Jackson et al.
 6,880,364 B1 4/2005 Vidolin et al.
 6,923,026 B1 8/2005 Clarke
 7,040,120 B2 5/2006 Hunter
 D570,923 S 6/2008 Vazquez Gastellu
 7,506,524 B2 3/2009 Gustin

D592,537 S 5/2009 Darnell
 7,578,146 B2 8/2009 Gustin
 7,909,609 B2 3/2011 Molin
 8,316,894 B2 11/2012 Schaub
 D676,069 S * 2/2013 Fujiwara D15/78
 8,402,794 B2 3/2013 Sasur
 8,418,434 B1 4/2013 Carruth et al.
 8,485,565 B2 7/2013 Ng
 8,622,441 B1 * 1/2014 Ng D04D 11/00
 289/17
 8,684,420 B2 * 4/2014 Ng A44C 5/0069
 289/17
 D707,732 S * 6/2014 Crorey D15/66
 D711,931 S * 8/2014 Daftari D15/66
 8,899,631 B2 * 12/2014 Ng A44C 5/0069
 289/17
 8,931,811 B1 * 1/2015 Ng D04D 7/04
 289/17
 8,936,283 B2 * 1/2015 Ng A44C 5/0069
 289/17
 8,955,888 B2 * 2/2015 Ng A44C 5/0069
 289/17
 9,149,096 B2 * 10/2015 Ng A44C 5/0069
 2007/0270010 A1 * 11/2007 Walter D03D 29/00
 439/259
 2008/0156043 A1 7/2008 Gustin
 2008/0223083 A1 9/2008 Gustin
 2009/0215013 A1 8/2009 Molin
 2010/0019495 A1 1/2010 Oliveto
 2011/0152946 A1 6/2011 Frigg et al.
 2012/0047960 A1 3/2012 Sasur
 2012/0112457 A1 5/2012 Ng
 2013/0020802 A1 1/2013 Ng
 2013/0300114 A1 11/2013 Ng
 2014/0319835 A1 * 10/2014 Ng A44C 5/0069
 289/17
 2014/0373966 A1 * 12/2014 Nedry D03D 29/00
 139/29
 2015/0265007 A1 * 9/2015 Ng A44C 5/0069
 289/17

FOREIGN PATENT DOCUMENTS

JP 2004-520910 7/2004
 KR 10-2001-0012609 2/2001
 KR 10-2006-0042108 5/2006

OTHER PUBLICATIONS

International Preliminary Report on Patentability for International Application No. PCT/US2011/041553 mailed on May 16, 2013.
 Petition for Inter Partes Review of U.S. Pat. No. 8,485,565 and Exhibits, filed in the United States Patent and Trademark Office.
 Design U.S. Appl. No. 29/468,891, filed Oct. 24, 2013, entitled "Brunnian Link Forming Loom".
 Design U.S. Appl. No. 29/468,549, filed on Oct. 1, 2013, entitled "Brunnian Link Forming Loom".
 Decision to Institute of Inter Partes Review of U.S. Pat. No. 8,485,565 dated May 20, 2014, Case IPR2014-00218, from the United States Patent and Trademark Office.

* cited by examiner

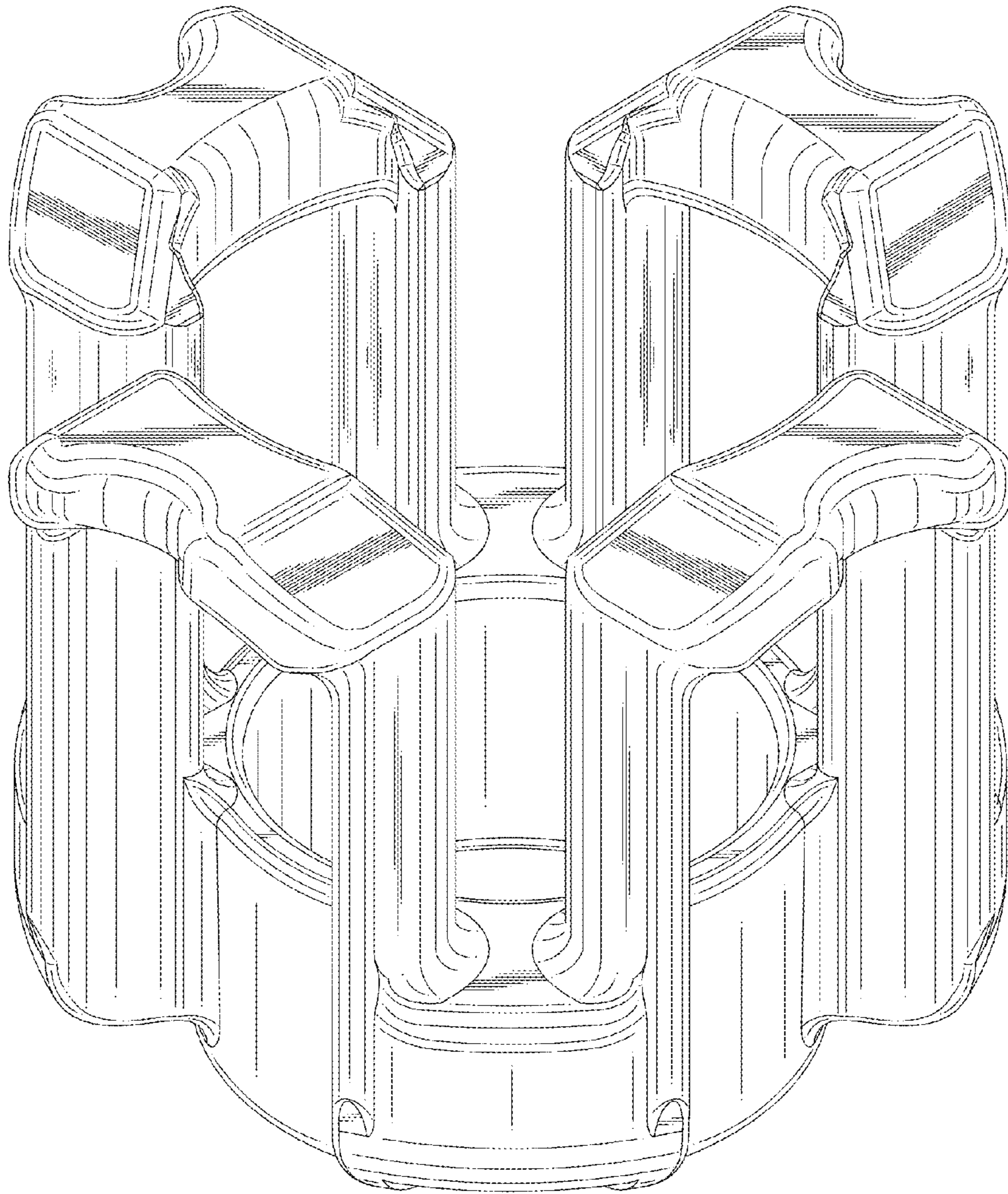


FIG.1

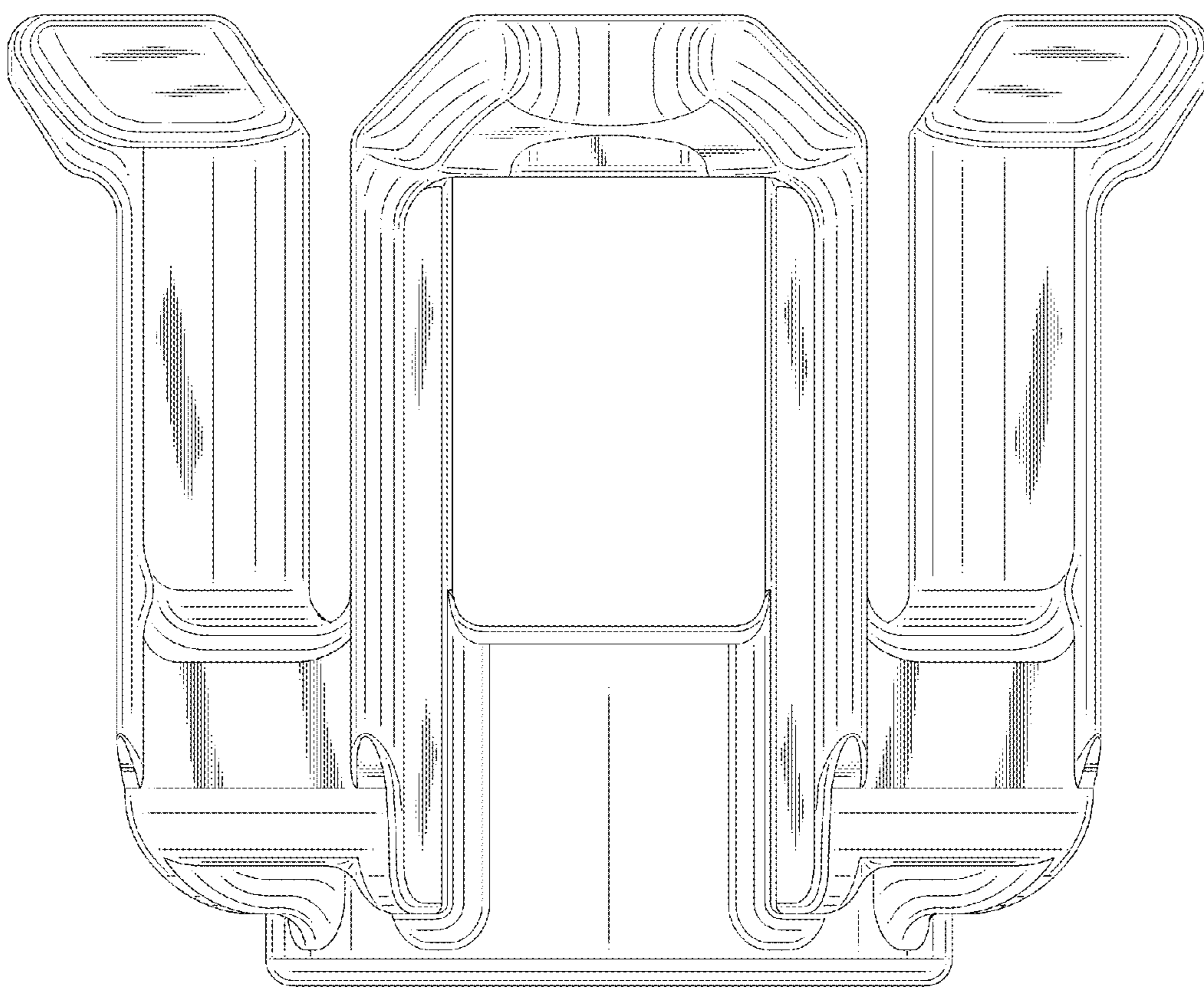


FIG.2

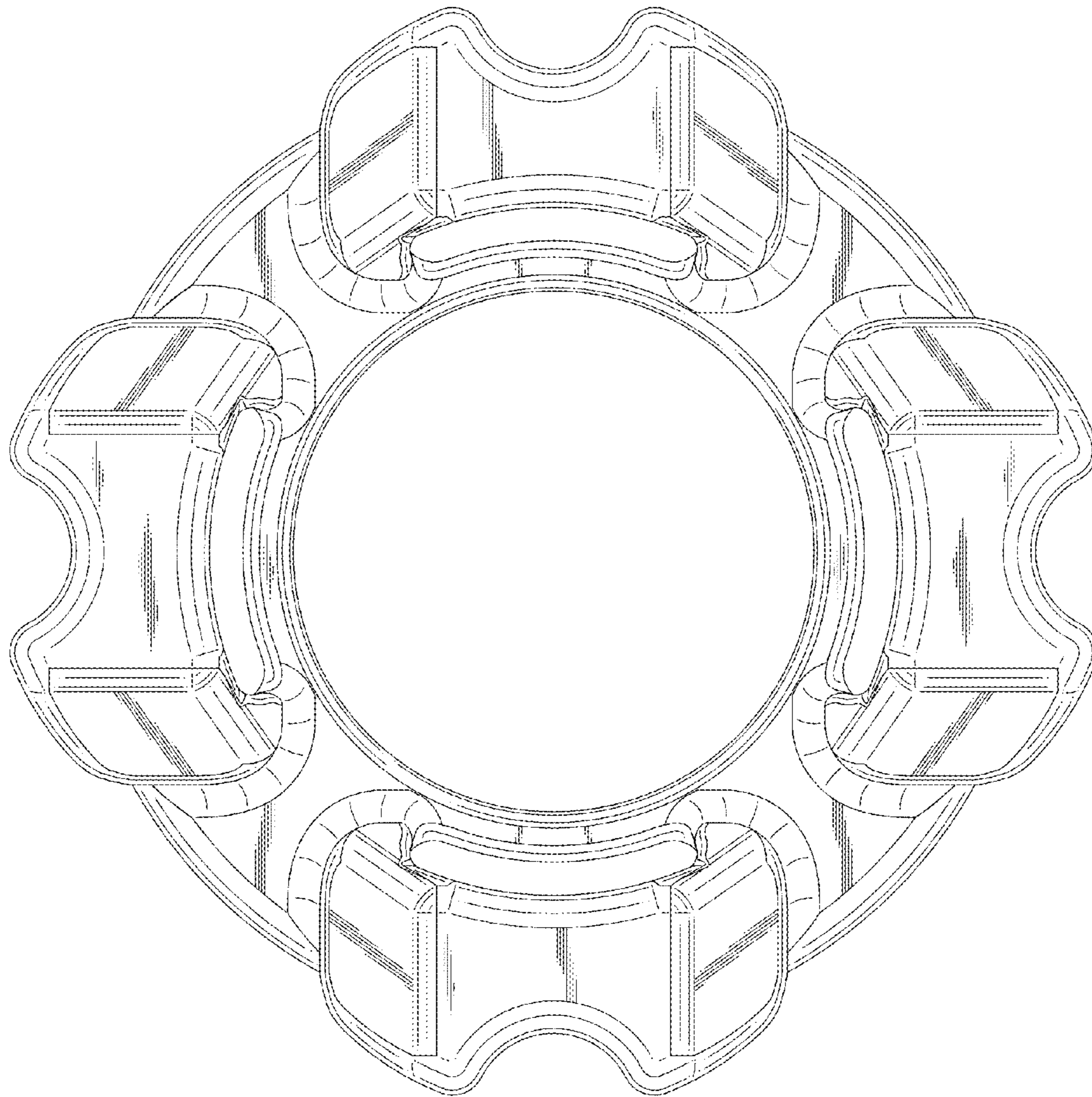


FIG.3

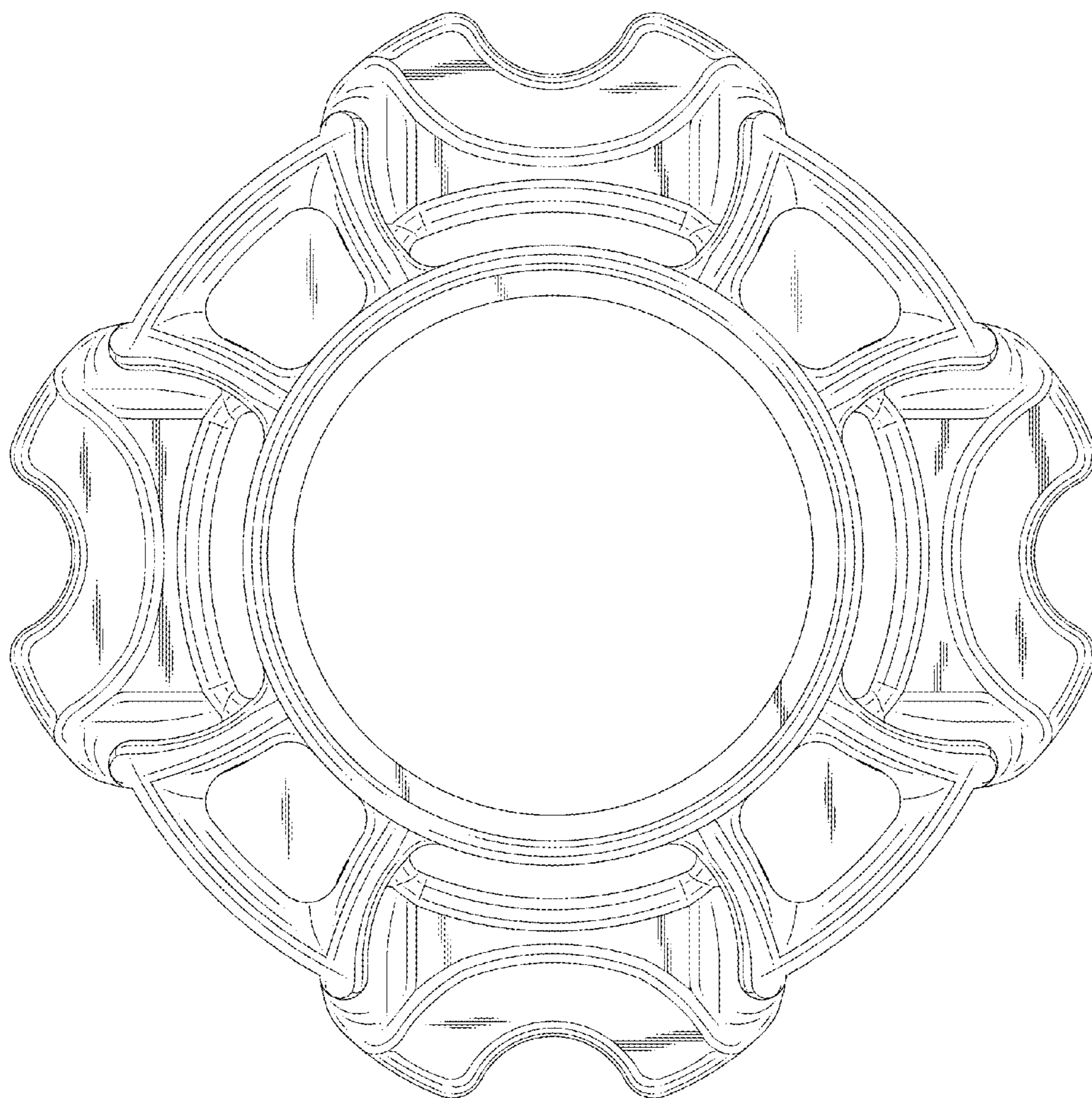


FIG.4