



US00D647931S

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

(10) **Patent No.:** **US D647,931 S**

(45) **Date of Patent:** **** Nov. 1, 2011**

(54) **LENS FOR PROJECTOR**

(75) Inventors: **Masayuki Fukui**, Yokohama (JP);
Masahiko Yatsu, Fujisawa (JP);
Naoyuki Ogura, Machida (JP); **Koji Hirata**,
Yokohama (JP); **Masanori Tsumura**,
Yokohama (JP)

(73) Assignee: **Hitachi Consumer Electronics Co., Ltd.**,
Tokyo (JP)

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

(21) Appl. No.: **29/380,282**

(22) Filed: **Dec. 2, 2010**

(30) **Foreign Application Priority Data**

Jun. 4, 2010 (JP) 2010-013839

(51) **LOC (9) Cl.** **16-06**

(52) **U.S. Cl.** **D16/134**

(58) **Field of Classification Search** D16/134,
D16/130, 214, 219, 241, 221, 229; D14/450;
359/609, 811, 802, 809, 810, 803, 808, 818,
359/819, 710, 711, 813, 820, 822, 848; D6/300;
340/321; 362/109

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D164,575	S	*	9/1951	Heard	.....	D16/135
2,994,971	A	*	8/1961	Meisenheimer et al.	.....	434/289
3,511,555	A	*	5/1970	O'Brien	.....	359/443
3,774,994	A	*	11/1973	Urano	.....	359/822
4,051,535	A	*	9/1977	Inglis	.....	348/785
4,668,047	A	*	5/1987	Okura	.....	359/820
D298,250	S	*	10/1988	Kildall	.....	D14/450
4,969,723	A	*	11/1990	Kato et al.	.....	359/429
5,048,928	A	*	9/1991	Davis	.....	359/809

D338,194	S	*	8/1993	Hartwig	.....	D14/450
D359,744	S	*	6/1995	Peavey et al.	.....	D16/130
D366,884	S	*	2/1996	Sloan	.....	D16/135
5,680,260	A	*	10/1997	Farcella et al.	.....	359/819
6,157,501	A	*	12/2000	Sato et al.	.....	359/819
D485,287	S	*	1/2004	Taylor	.....	D16/135
6,967,635	B2	*	11/2005	Hung	.....	345/32
D527,034	S	*	8/2006	Sprague	.....	D16/135
D529,061	S	*	9/2006	Sprague	.....	D16/135
7,495,846	B1	*	2/2009	Kappel	.....	359/802
D612,818	S	*	3/2010	Lents, Jr.	.....	D14/125
D633,541	S	*	3/2011	Khubani	.....	D16/135
7,922,339	B2	*	4/2011	Sokolov et al.	.....	353/98
D639,076	S	*	6/2011	Fukui et al.	.....	D6/300
2008/0204673	A1		8/2008	Hirata et al.		

OTHER PUBLICATIONS

Hitachi Catalog "LCD Projectors Total Catalog 2008/11", Publisher:
Hitachi, dated Nov. 2008.

* cited by examiner

Primary Examiner — Paula Greene

(74) *Attorney, Agent, or Firm* — Antonelli, Terry, Stout &
Kraus, LLP.

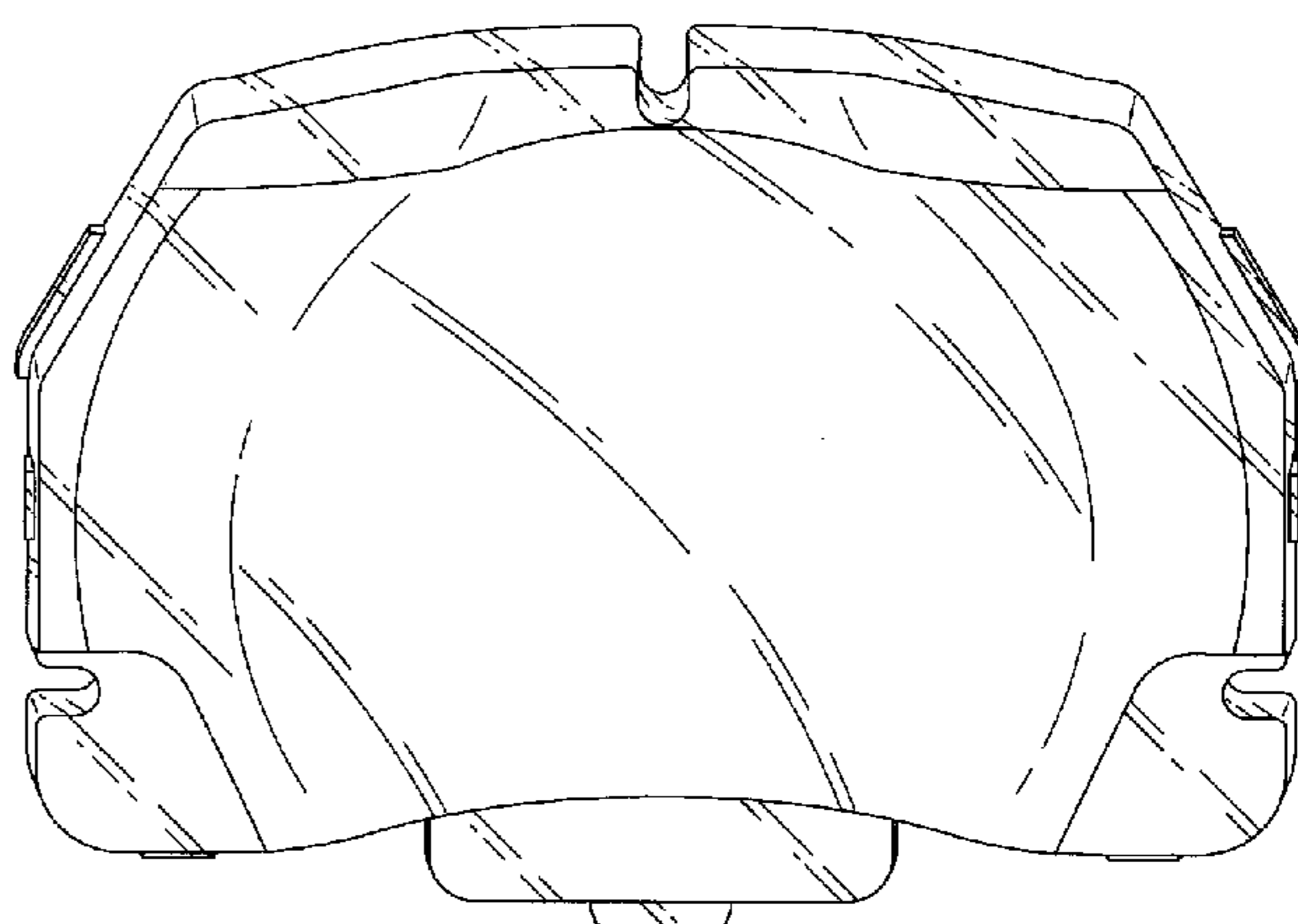
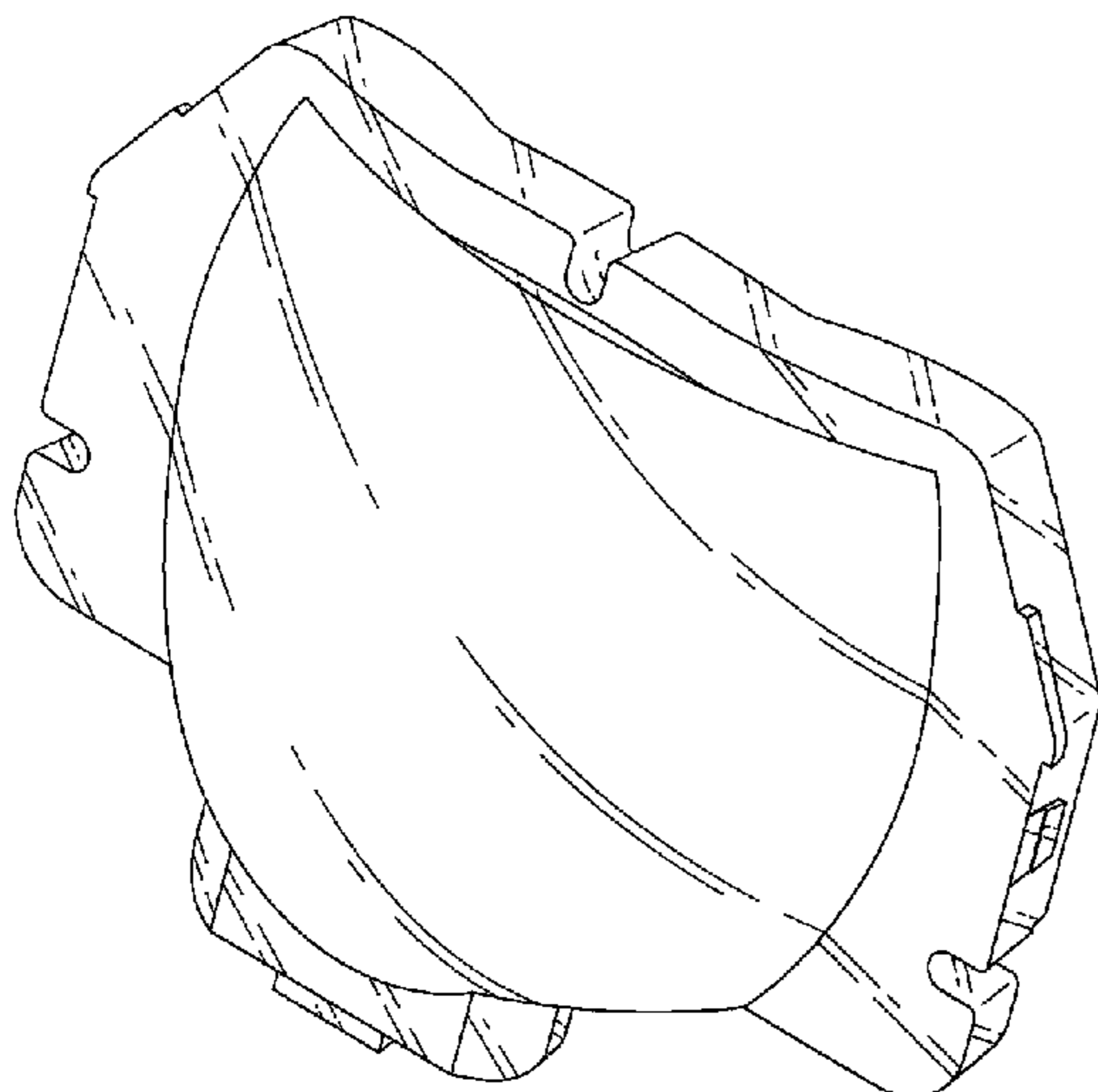
(57) **CLAIM**

We claim the ornamental design for a lens for projector, as
shown.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a lens
for projector showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a left side elevational view thereof; and,
FIG. 7 is a right side elevational view thereof.

1 Claim, 6 Drawing Sheets



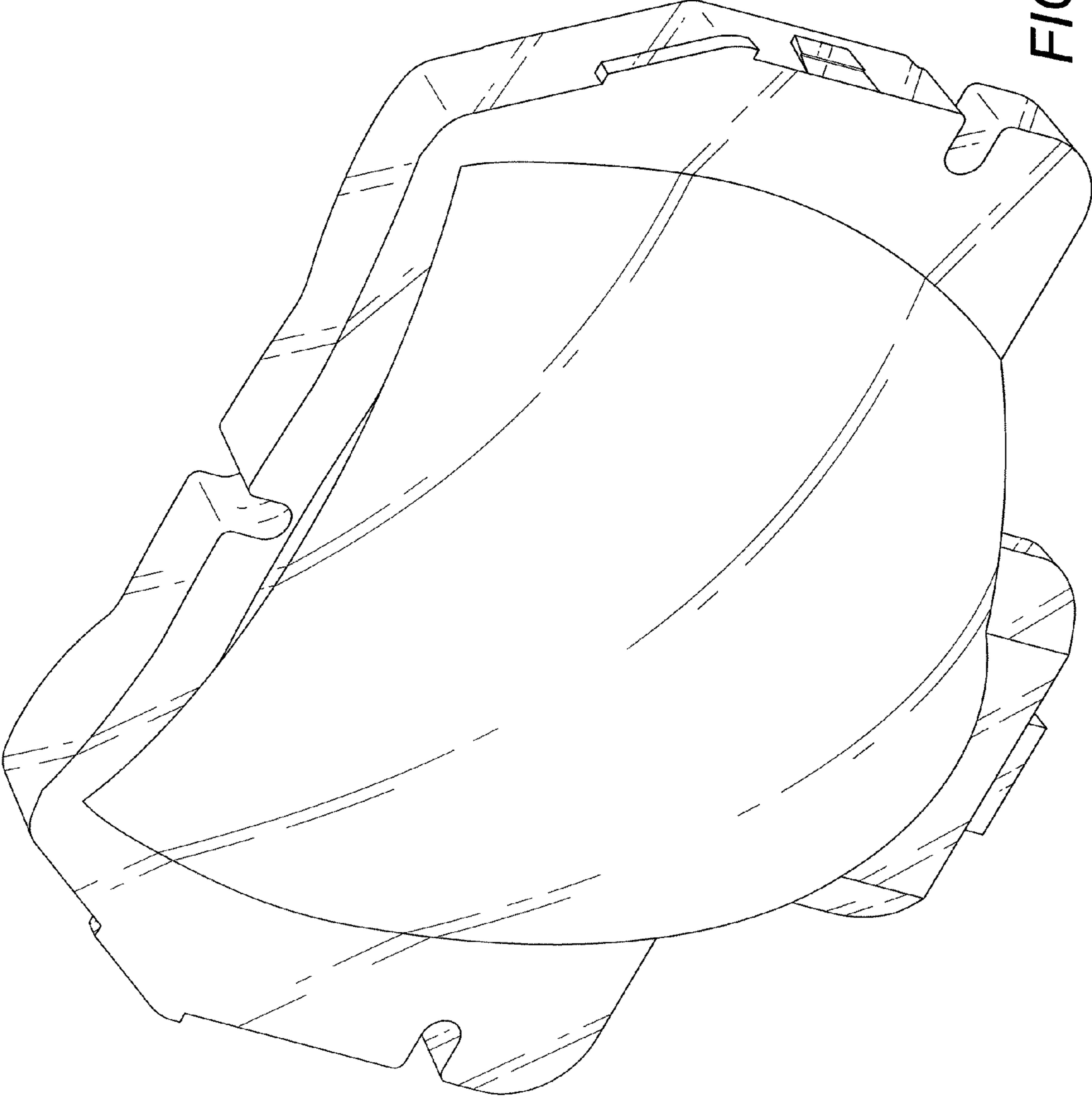


FIG. 1

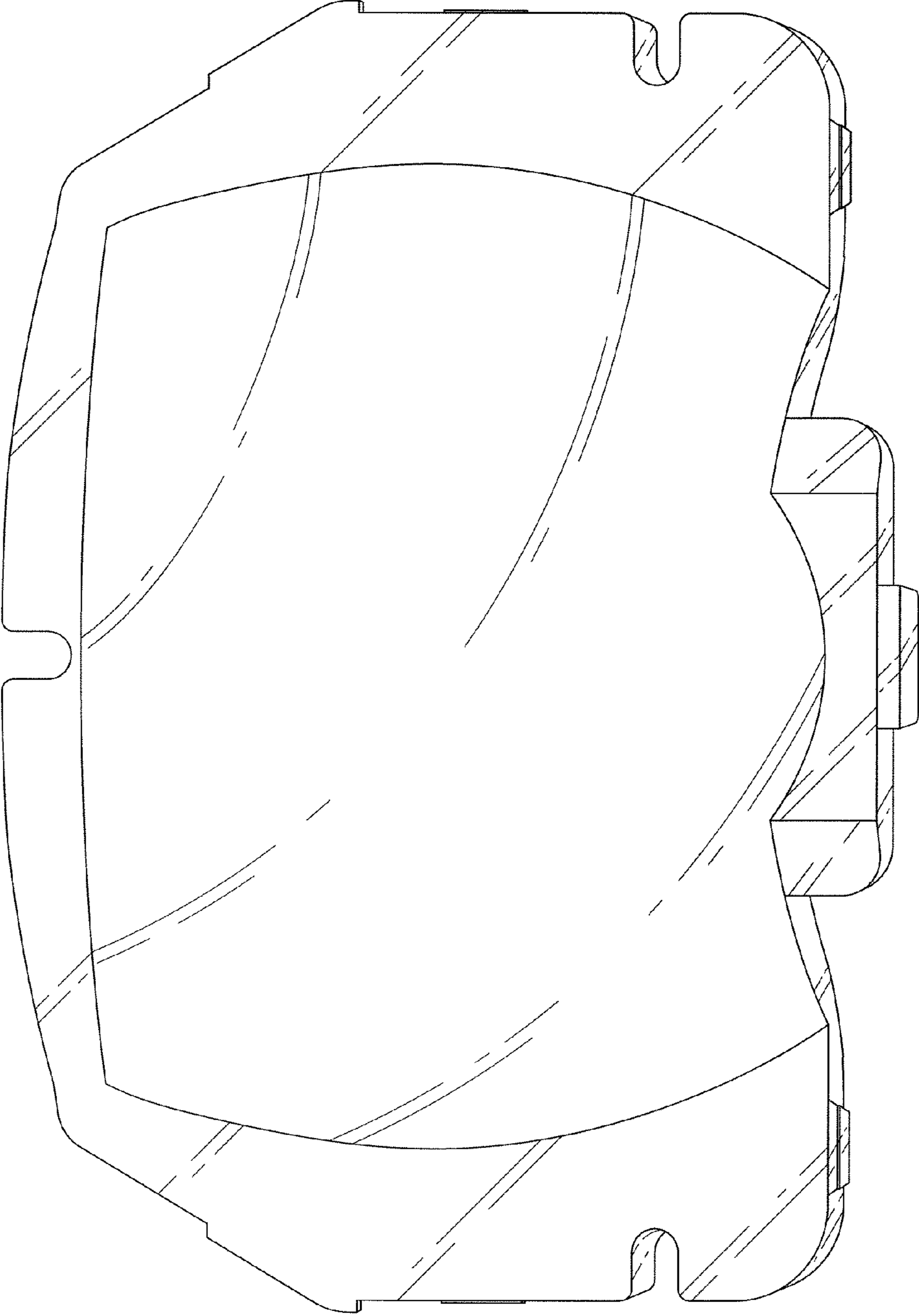


FIG. 2

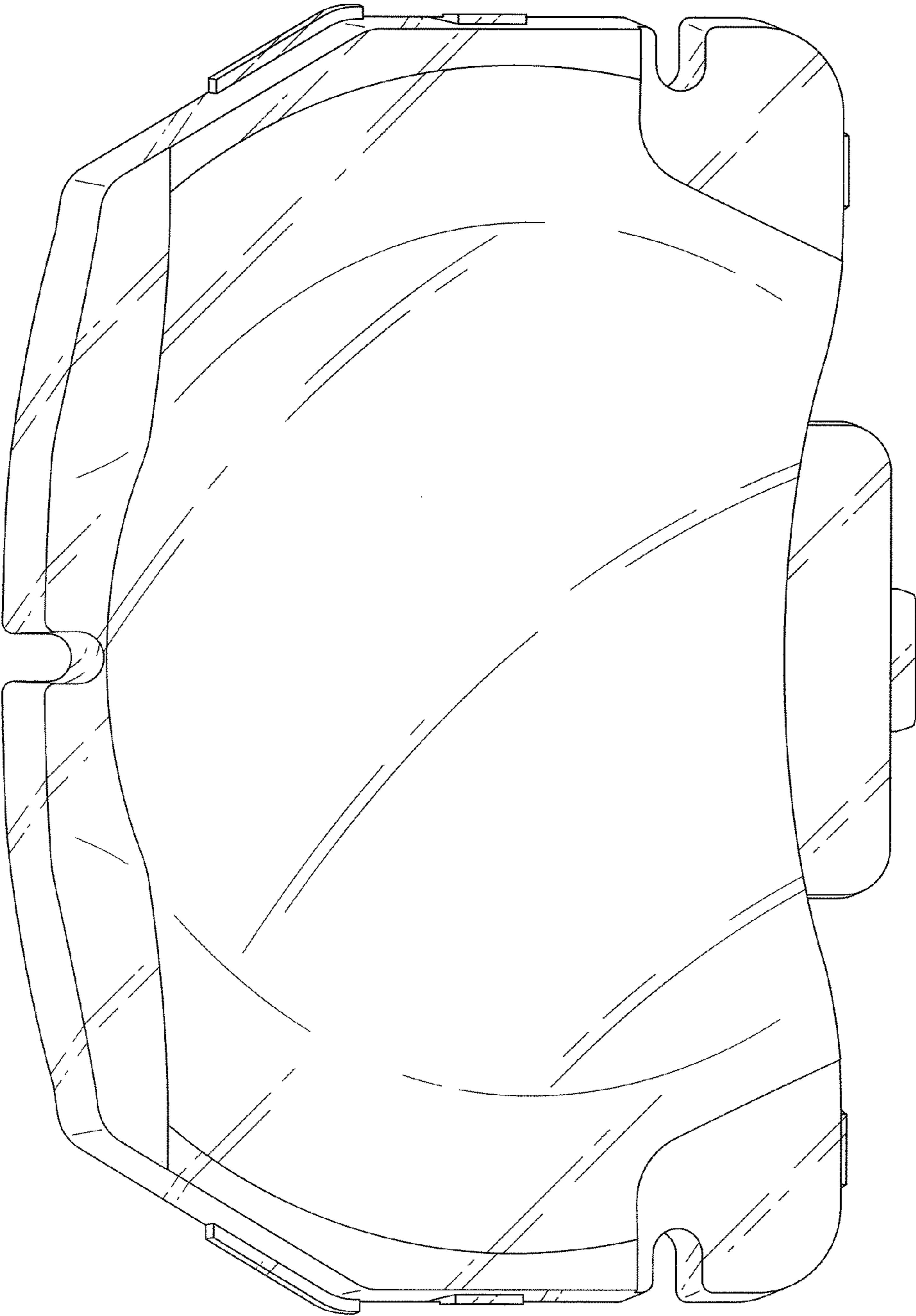


FIG. 3

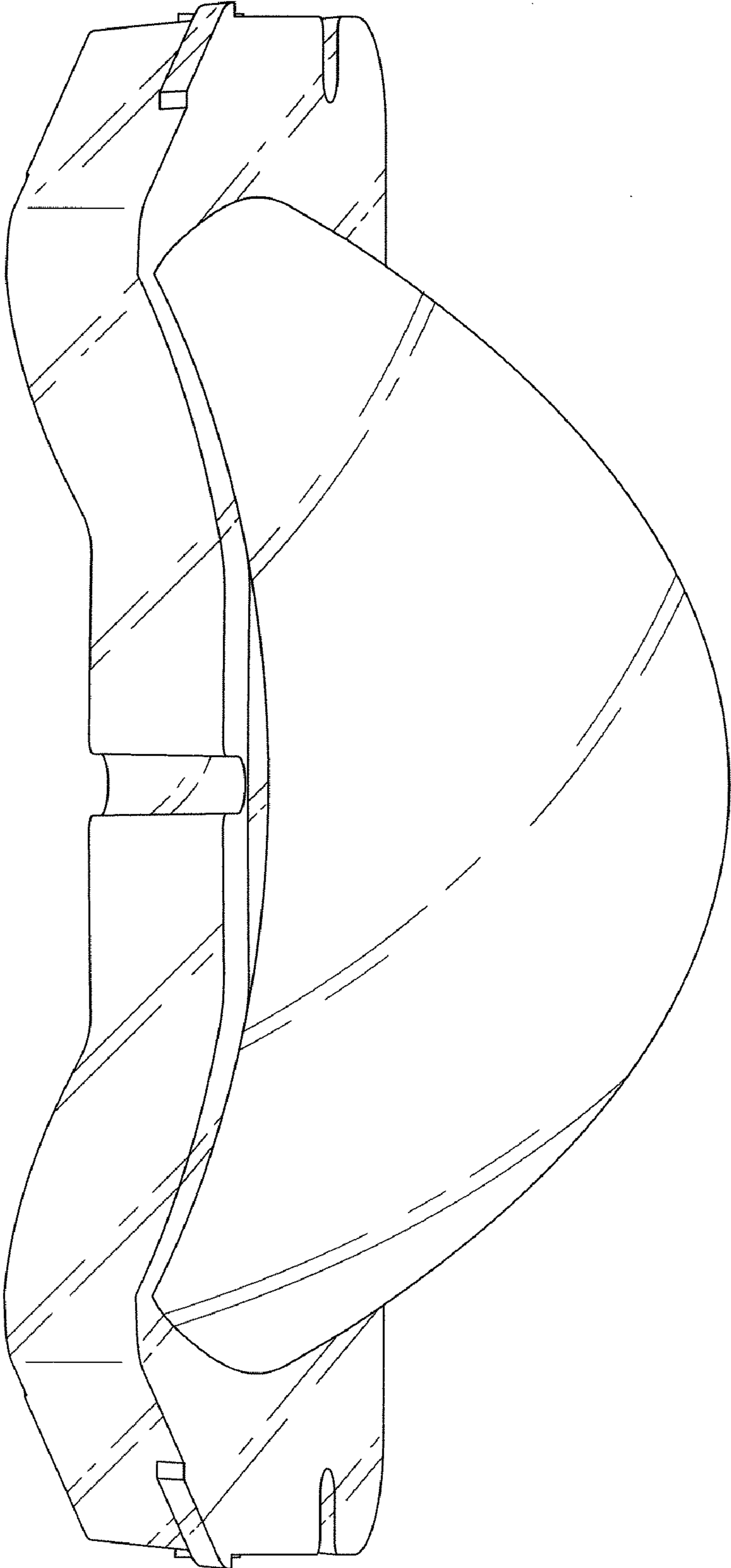


FIG. 4

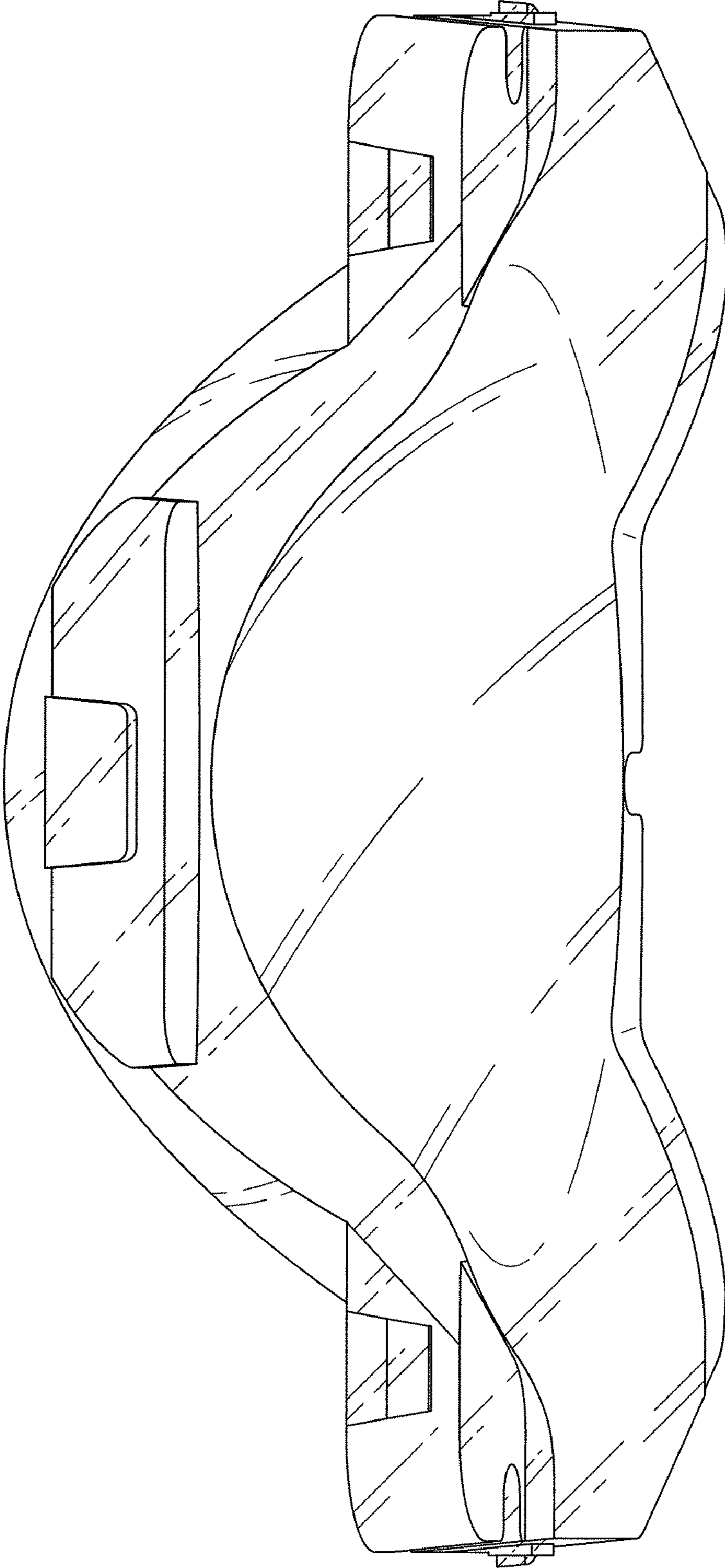


FIG. 5

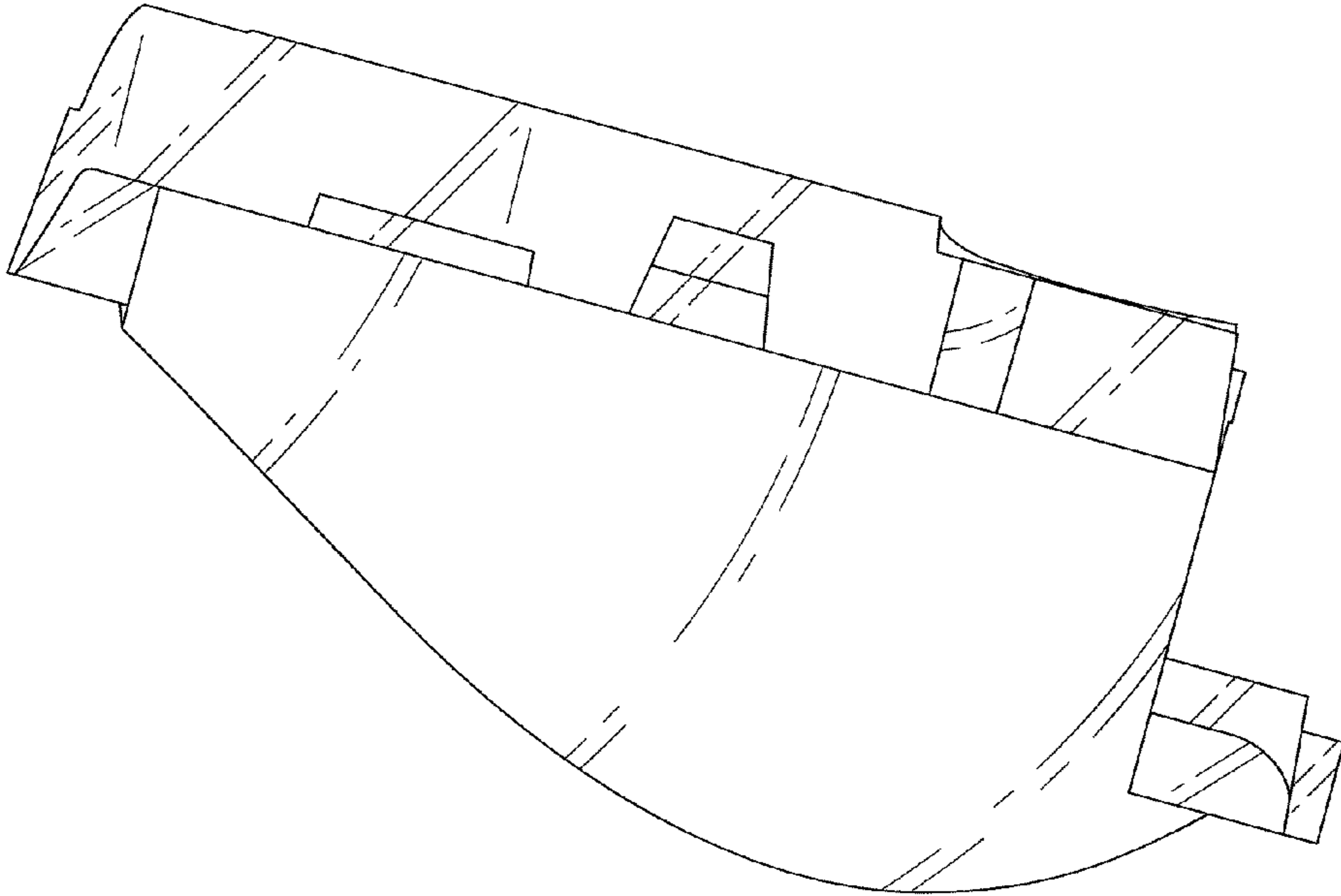


FIG. 7

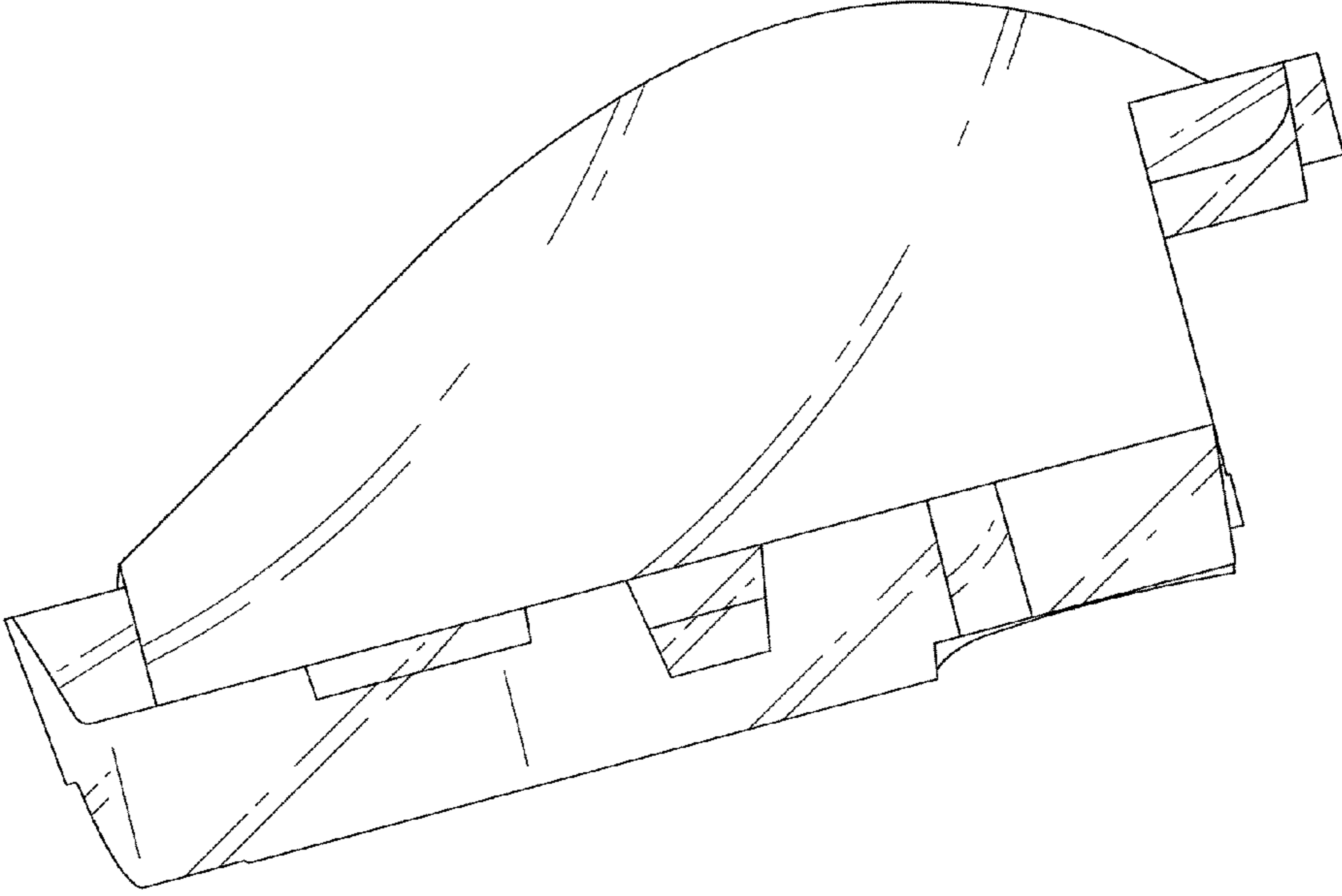


FIG. 6