



US00D448020B1

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

(10) **Patent No.:** **US D448,020 S**

(45) **Date of Patent:** **\*\* Sep. 18, 2001**

(54) **KEY MATRIX FOR A HANDSET**  
  
(75) Inventors: **Jeffrey Higashi**, Sherman Oaks; **Kelley Ann Chao-Fei Ching Lee**, Pasadena; **Dimitre Mehandjiysky**, Woodland Hills, all of CA (US)  
  
(73) Assignee: **Nokia Mobile Phones Ltd.**, Espoo (FI)  
  
(\*\*) Term: **14 Years**

D. 421,992	*	3/2000	Phillips et al.	.....	D14/247
D. 423,515	*	4/2000	Phillips et al.	.....	D14/247
D. 428,401	*	7/2000	Curtis	.....	D14/138
D. 428,878	*	8/2000	Finkbeiner	.....	D14/247
D. 429,240	*	8/2000	Curtis	.....	D14/247
D. 430,151	*	8/2000	Frye et al.	.....	D14/247
D. 433,397	*	11/2000	Ogawa	.....	D14/138
D. 436,590	*	1/2001	Finkbeiner	.....	D14/247
D. 436,938	*	1/2001	Won	.....	D14/138
D. 437,838	*	2/2001	Ko	.....	D14/147
D. 441,357	*	5/2001	Kolinen	.....	D14/247

(21) Appl. No.: **29/130,128**  
(22) Filed: **Sep. 27, 2000**

\* cited by examiner

*Primary Examiner*—Jeffrey Asch  
(74) *Attorney, Agent, or Firm*—Brian T. Rivers

(51) **LOC (7) Cl.** ..... **14-03**  
(52) **U.S. Cl.** ..... **D14/247**  
(58) **Field of Search** ..... D14/137, 191,  
D14/138, 218, 147–148, 247–248, 144,  
249, 455, 341–347, 456; 379/433.434, 419,  
420, 364, 428, 440, 368; 455/550–575,  
90; D13/168

(57) **CLAIM**

The ornamental design for a key matrix for a handset, as shown.

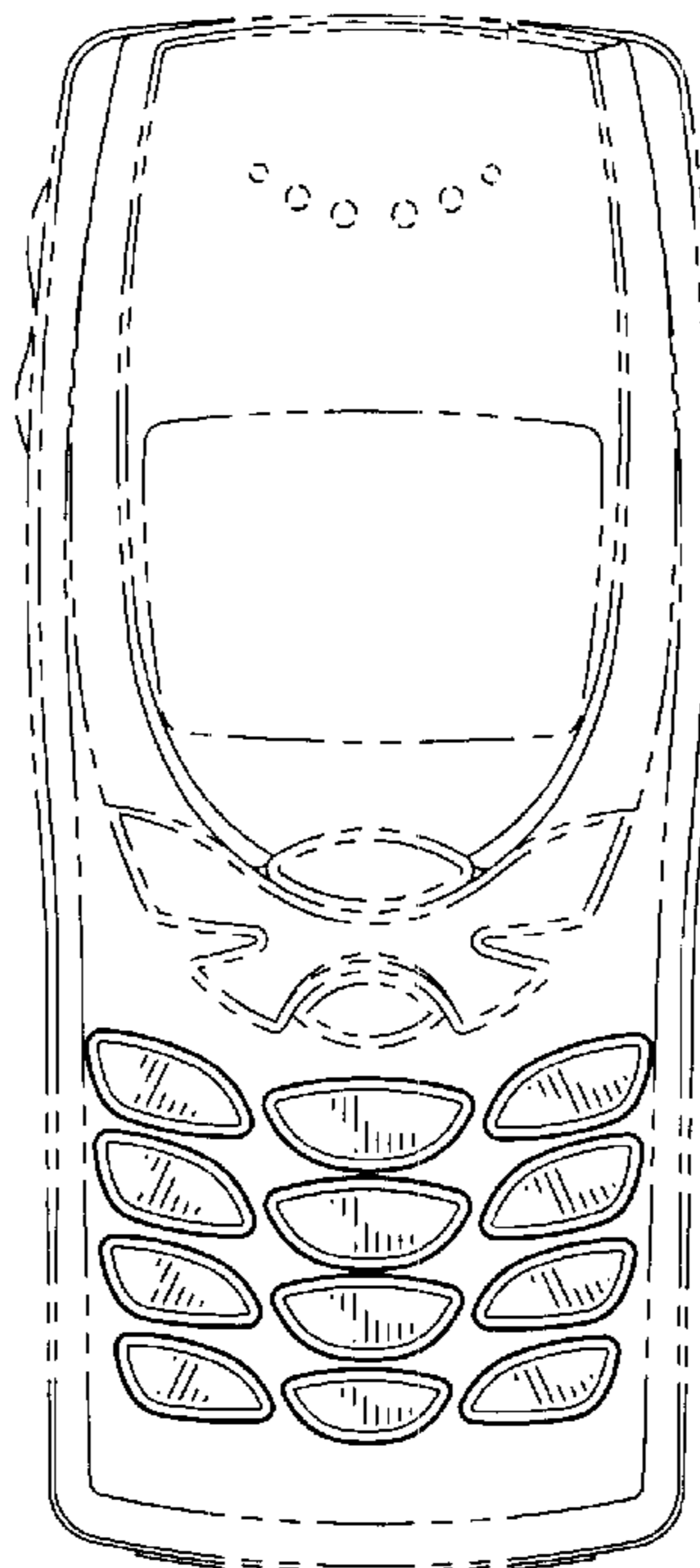
**DESCRIPTION**

FIG. 1 is a bottom plan view of the key matrix for a handset; FIG. 2 is a right side view thereof; FIG. 3 is a front view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a rear view thereof; FIG. 7 is a perspective front view thereof; and, FIG. 8 is a perspective rear view thereof. The portion of the handset shown in broken lines is for illustrative purposes only and forms no part of the claimed design.

(56) **References Cited**  
U.S. PATENT DOCUMENTS

D. 407,399	*	3/1999	Frye et al.	.....	D14/138
D. 408,400	*	4/1999	Dalby et al.	.....	D14/138
D. 408,813	*	4/1999	Prior	.....	D14/138
D. 413,896	*	9/1999	Frye et al.	.....	D14/247
D. 415,489	*	10/1999	Ke	.....	D14/138
D. 416,024	*	11/1999	Johansson et al.	.....	D14/247
D. 421,019	*	2/2000	Curtis	.....	D14/247
D. 421,020	*	2/2000	Curtis	.....	D14/247
D. 421,984	*	3/2000	Collins	.....	D14/138
D. 421,985	*	3/2000	Collins	.....	D14/138

**1 Claim, 2 Drawing Sheets**



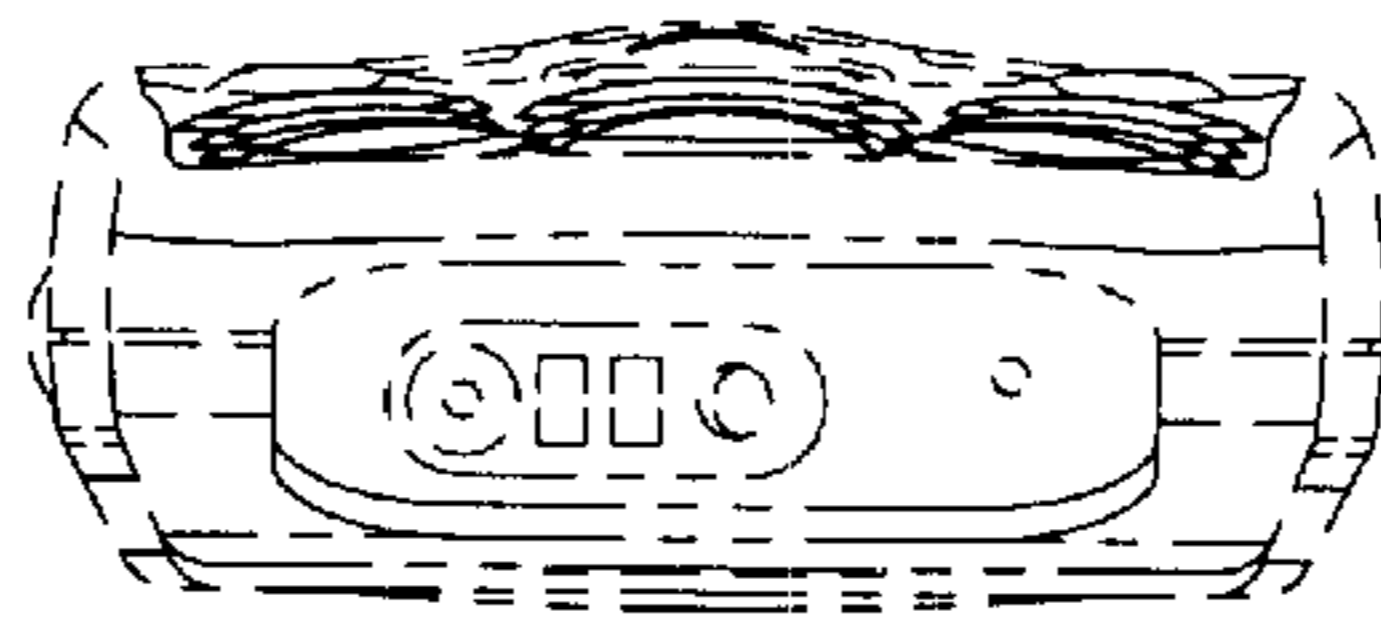


FIG. 1



FIG. 2

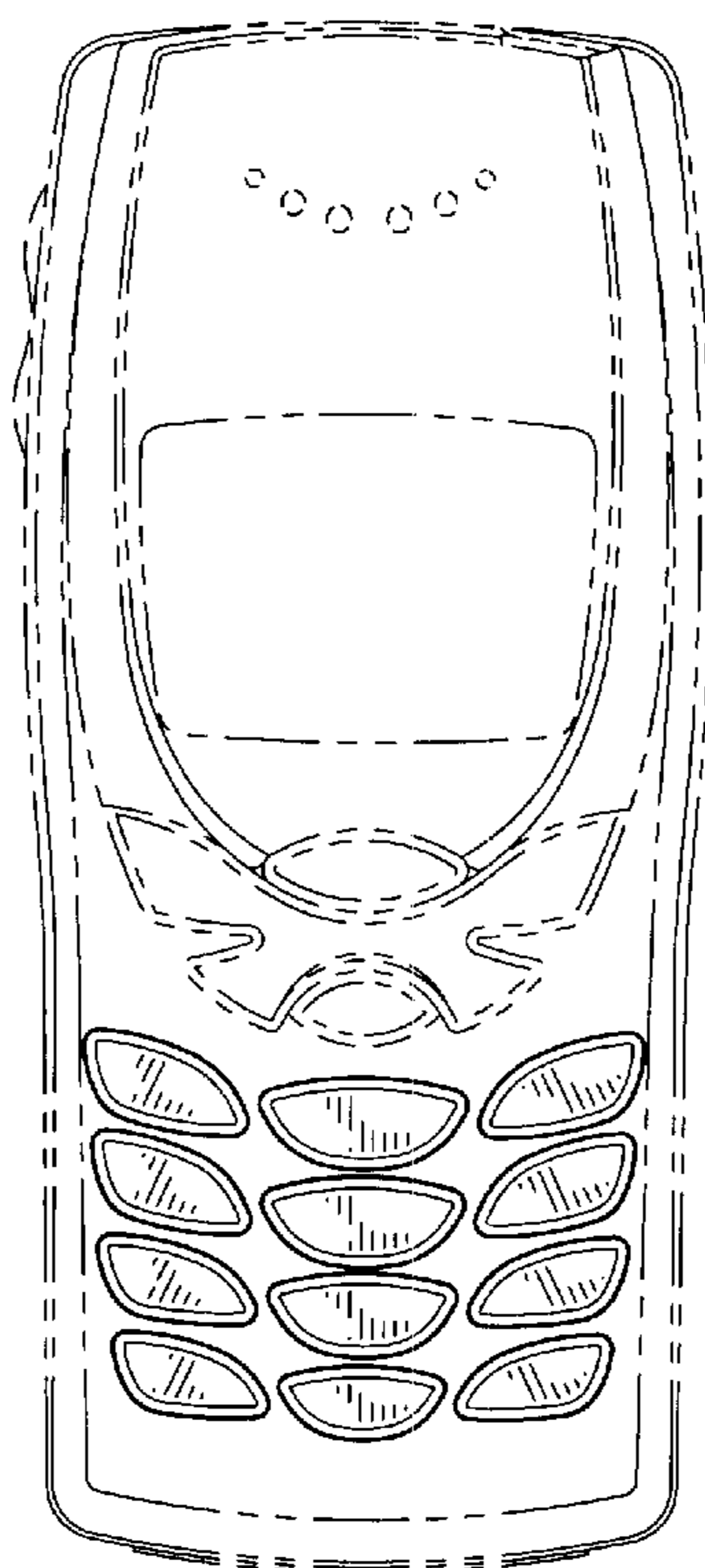


FIG. 3

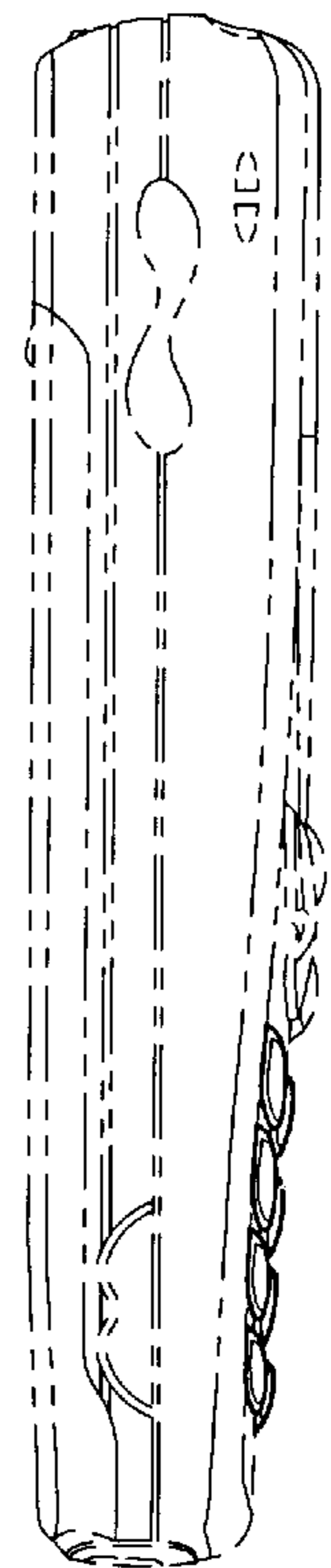


FIG. 4

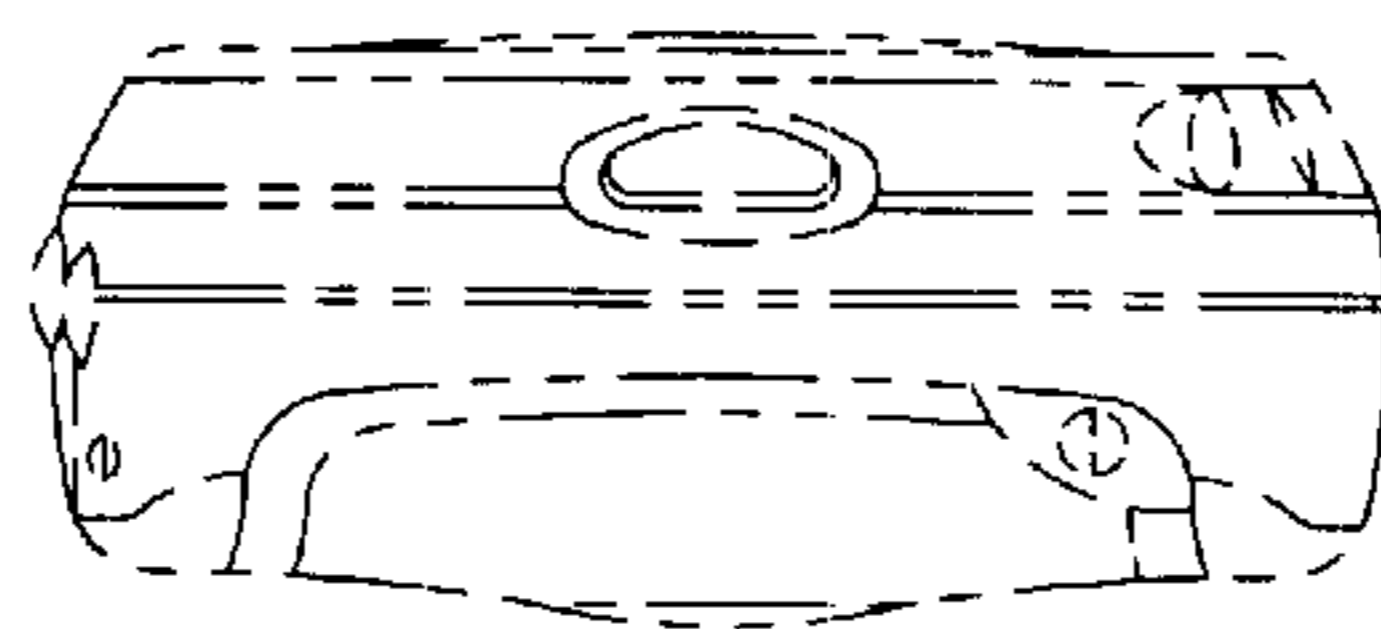


FIG. 5

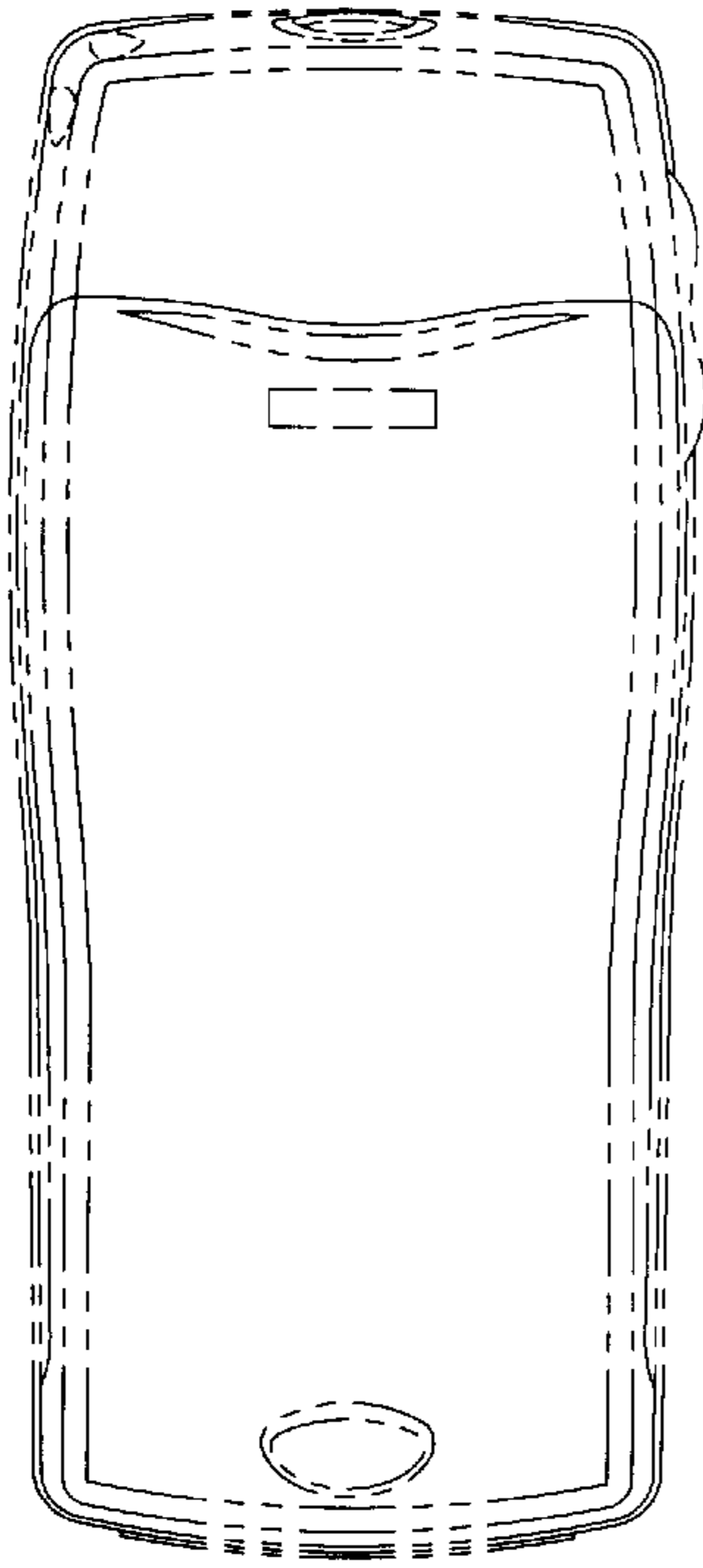


FIG. 6

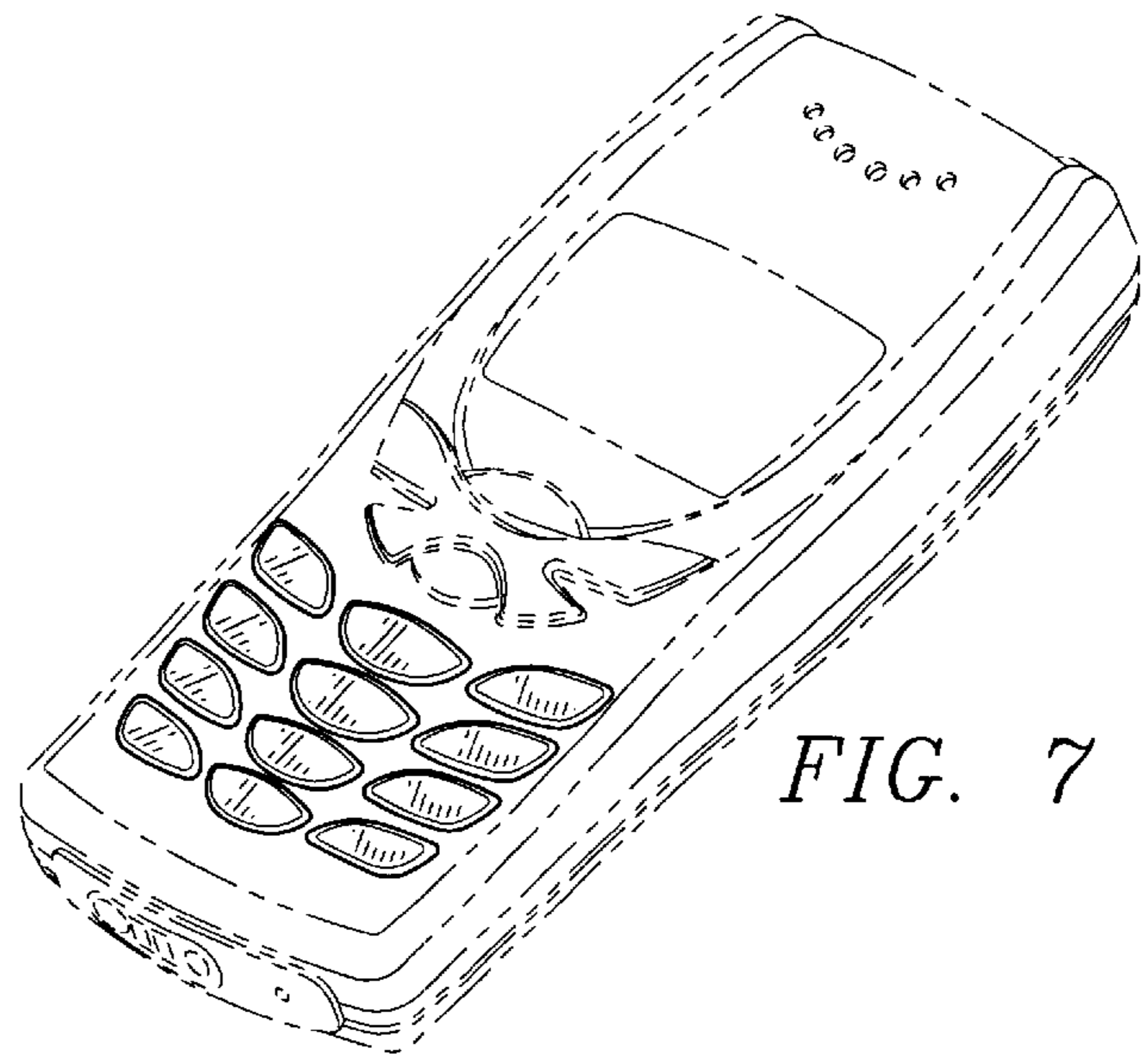


FIG. 7

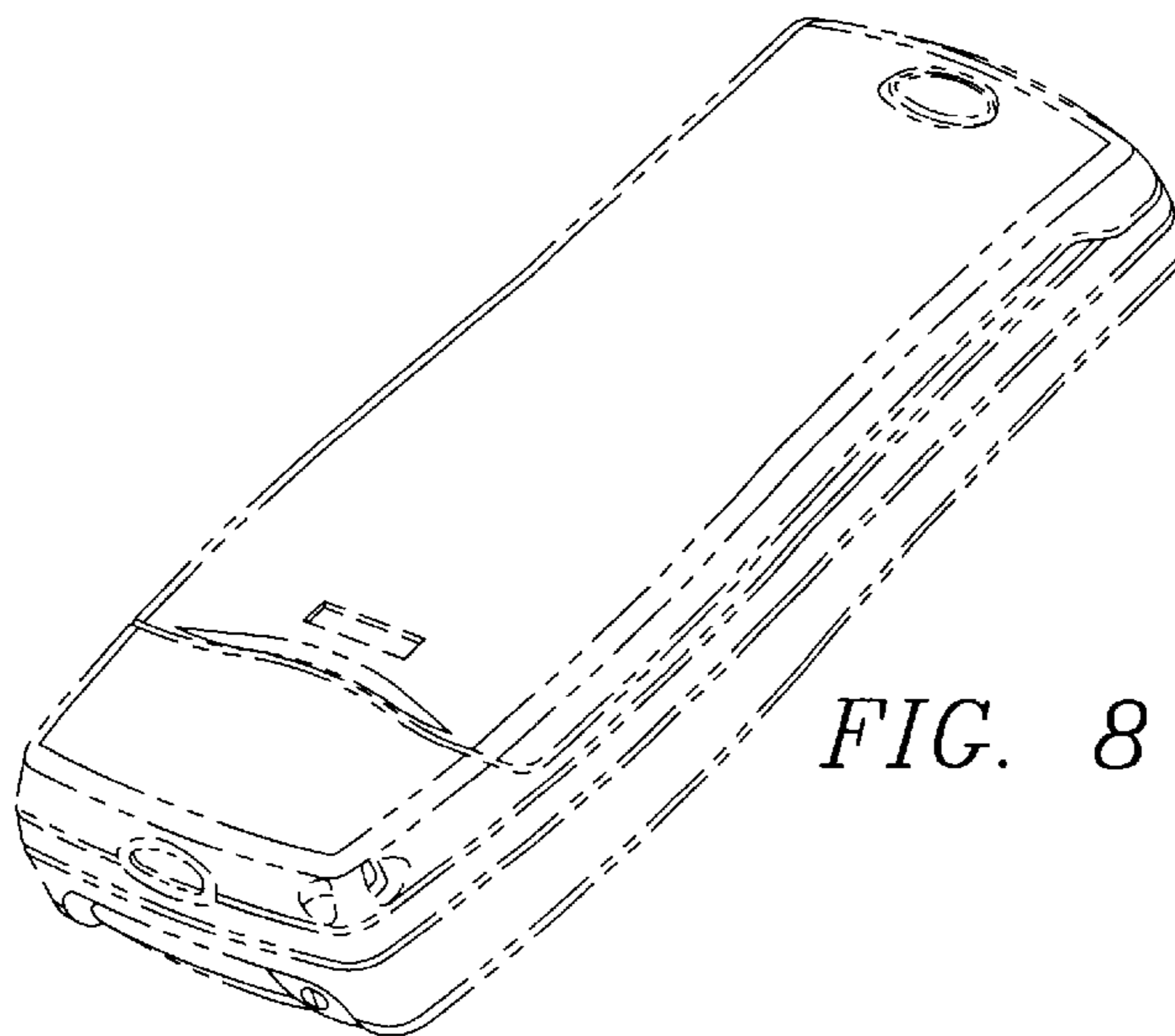


FIG. 8