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

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(54) **MOBILE PHONE HAVING ROTATABLE CAMERA**

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(51) **LOC (8) Cl. .... 14-03**

(52) **U.S. Cl. .... D14/138**

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D14/218, 147-148, 247-248, 144, 341-347;  
379/433.01-433.13, 419, 434, 428.01-428.04,  
420.01-420.04, 440; 455/550.1-90.3; D21/517;  
D13/168; D18/2, 7; 345/168, 169

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,237,540 A	*	12/1980	Sato	708/108
D332,604 S	*	1/1993	Miyake et al.	D14/343
5,491,507 A	*	2/1996	Umezawa et al.	348/14.02
5,598,487 A	*	1/1997	Hacker et al.	382/313
5,612,732 A	*	3/1997	Yuyama et al.	348/14.01
D405,457 S	*	2/1999	Kawashima	D16/208
D409,583 S	*	5/1999	Nishida et al.	D14/317
D423,491 S	*	4/2000	Harris et al.	D14/130
D428,883 S	*	8/2000	Mizusugi et al.	D14/346
D443,537 S	*	6/2001	Nix	D10/70
6,259,469 B1	*	7/2001	Ejima et al.	348/14.01
D447,622 S	*	9/2001	Weinstock	D3/215

D459,332 S	*	6/2002	Peiker	D14/147
D488,789 S	*	4/2004	Lee	D14/138
D490,422 S	*	5/2004	Iwama et al.	D14/346
D490,788 S	*	6/2004	Chang	D14/138
D492,276 S	*	6/2004	Walliser et al.	D14/138
D492,657 S	*	7/2004	Jensfelt	D14/138
D492,660 S	*	7/2004	Kim et al.	D14/138
D494,949 S	*	8/2004	Arnholt et al.	D14/138
D495,674 S	*	9/2004	Yoo et al.	D14/138
D496,642 S	*	9/2004	Harries et al.	D14/138
D496,644 S	*	9/2004	Yoo et al.	D14/138
D496,645 S	*	9/2004	Yoo et al.	D14/138
6,795,715 B1	*	9/2004	Kubo et al.	455/556.1
D496,921 S	*	10/2004	Hwang	D14/138
D497,160 S	*	10/2004	Nagao et al.	D14/346
2002/0160724 A1	*	10/2002	Arai et al.	455/90
2004/0180703 A1	*	9/2004	Kim et al.	455/575.1

\* cited by examiner

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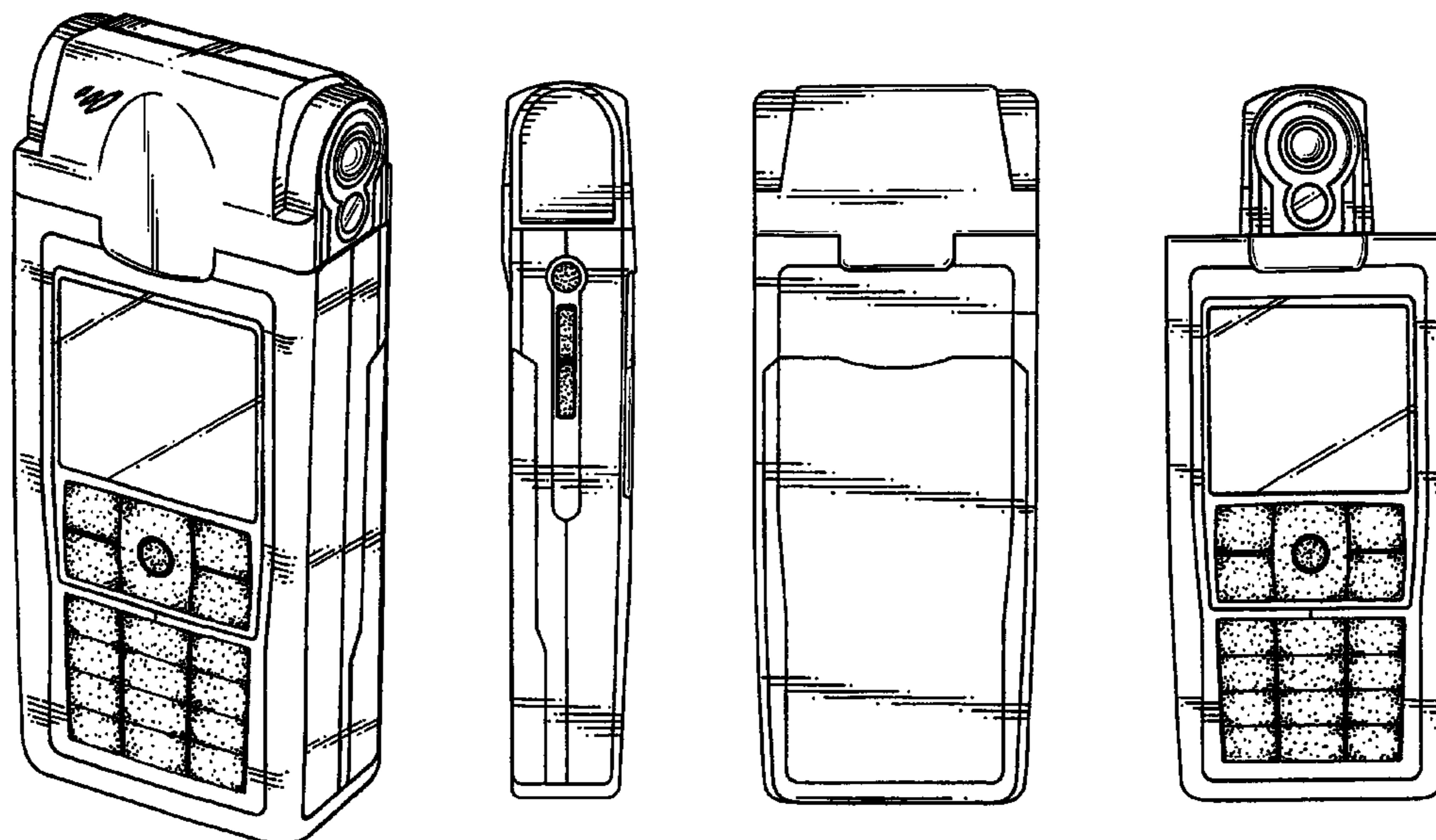
(57) **CLAIM**

The ornamental design for a “mobile phone having rotatable camera,” as shown and described.

**DESCRIPTION**

FIG. 1 shows a perspective view of the present design.  
 FIG. 2 shows a right side elevational view of the present design.  
 FIG. 3 shows a top plan view of the present design.  
 FIG. 4 shows a front elevational view of the present design.  
 FIG. 5 shows a bottom plan view of the present design.  
 FIG. 6 shows a left side elevational view of the present design.  
 FIG. 7 shows a rear elevational view of the present design; and,  
 FIG. 8 shows a perspective view of the present design in use.

**1 Claim, 4 Drawing Sheets**



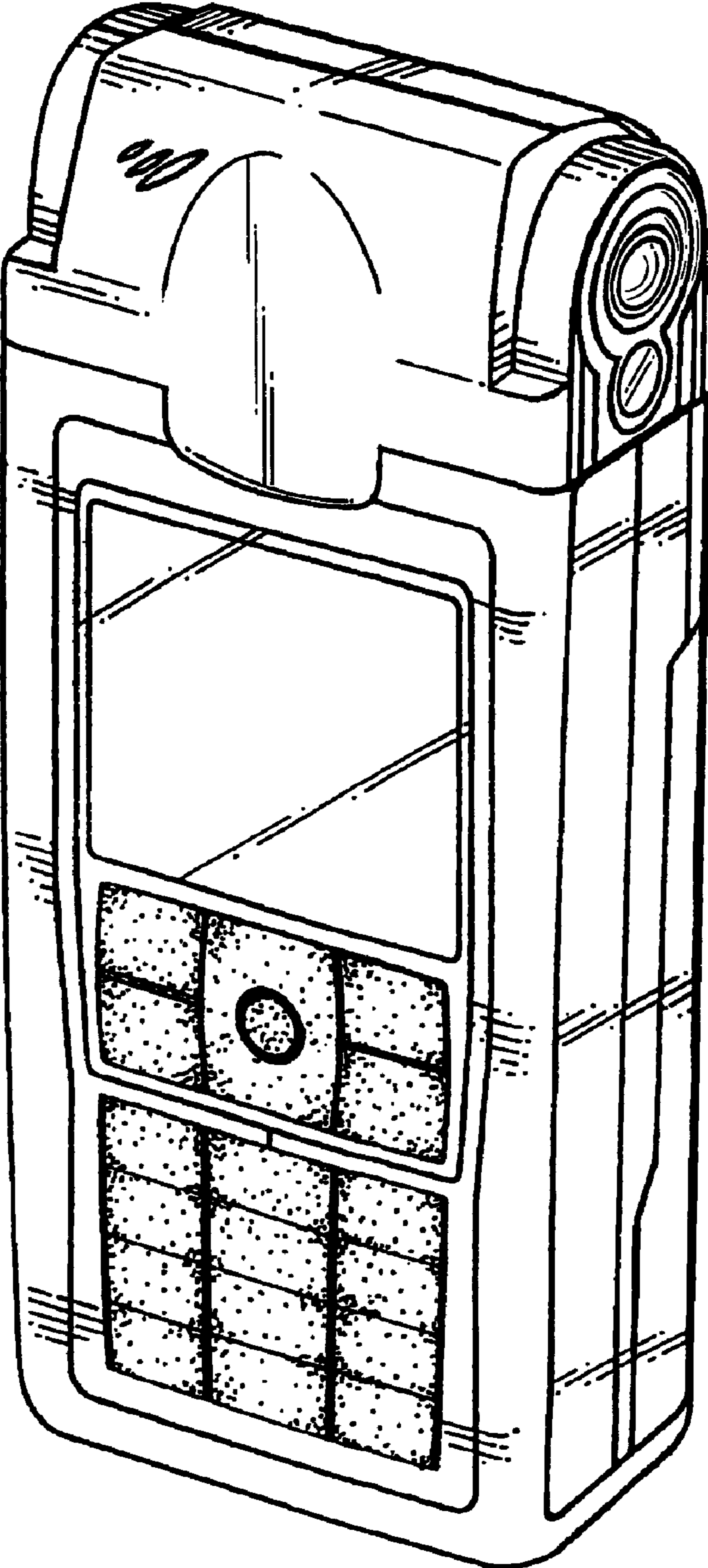


FIG. 1

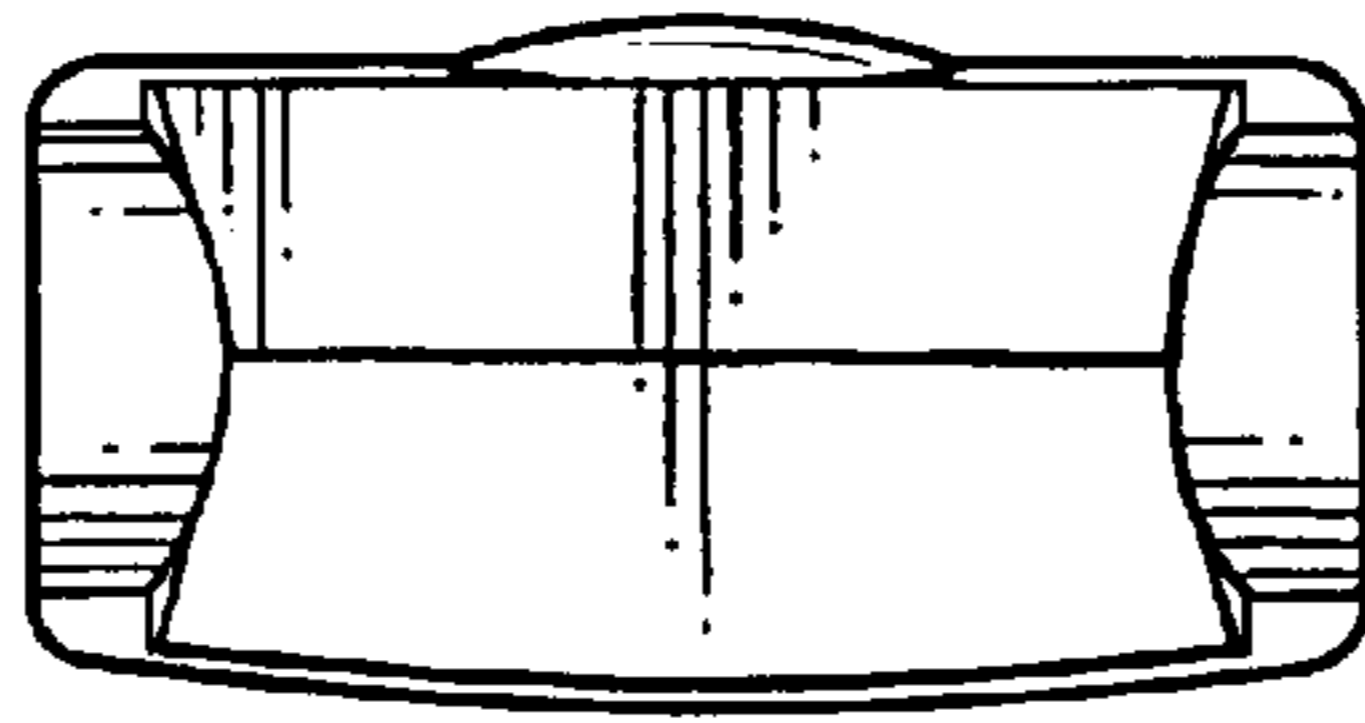


FIG. 3

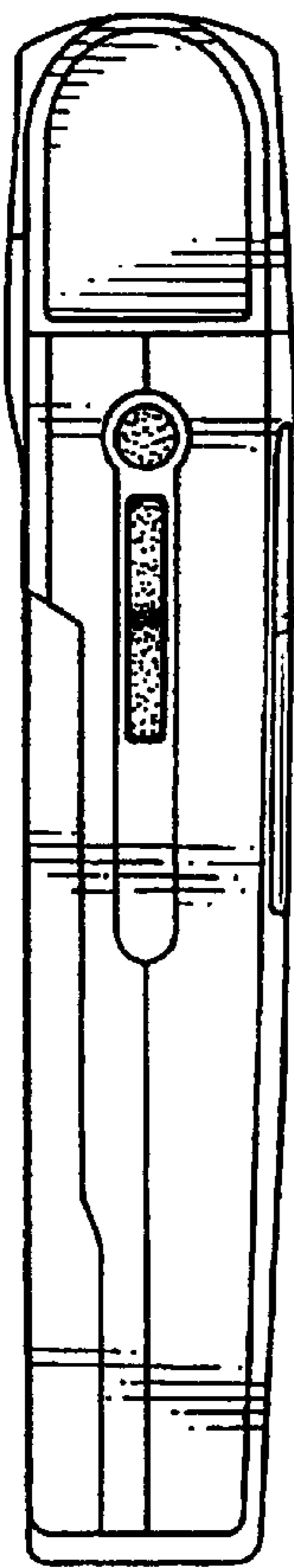


FIG. 6

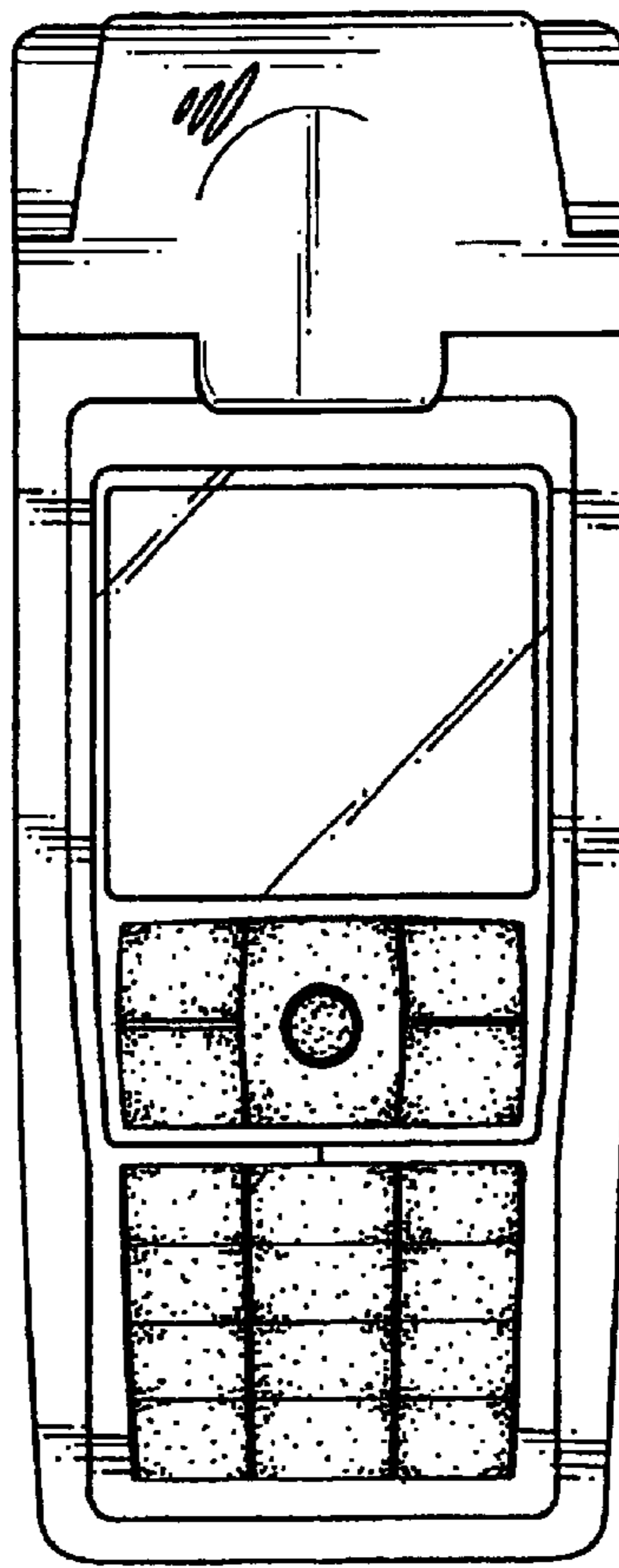


FIG. 4

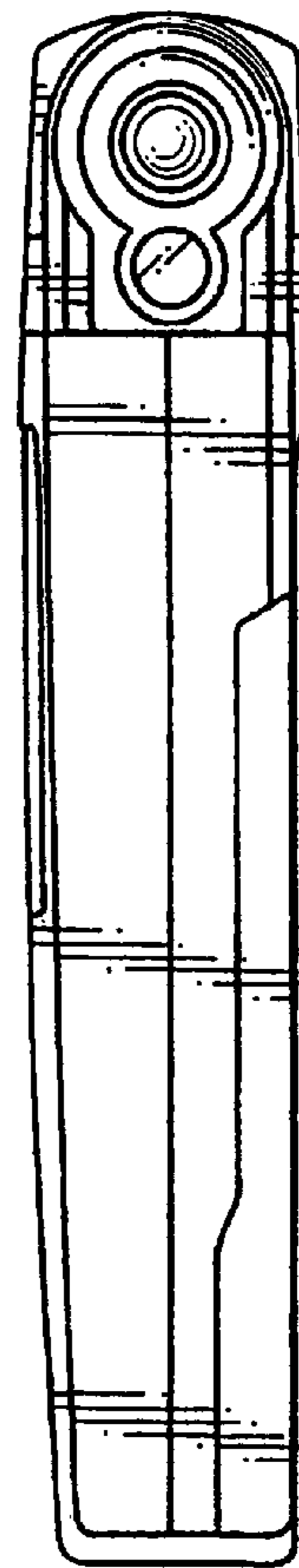


FIG. 2

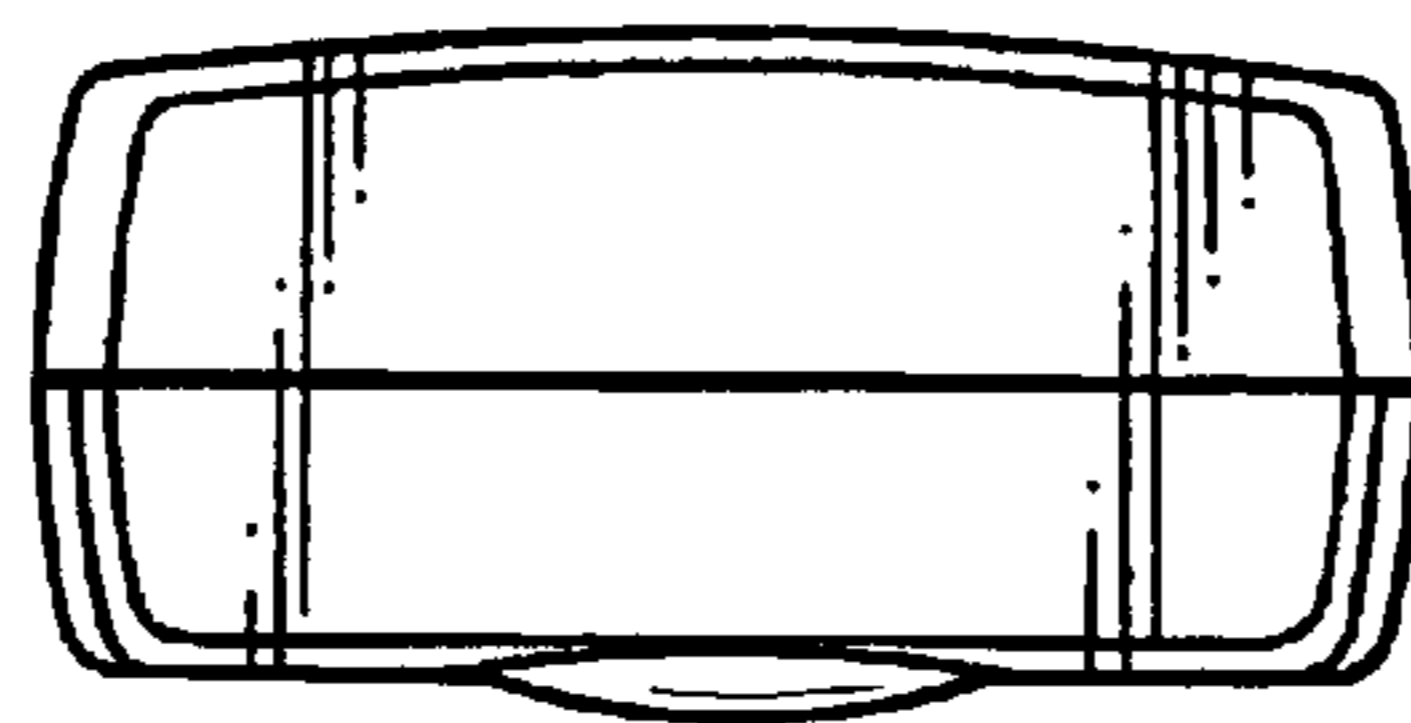


FIG. 5

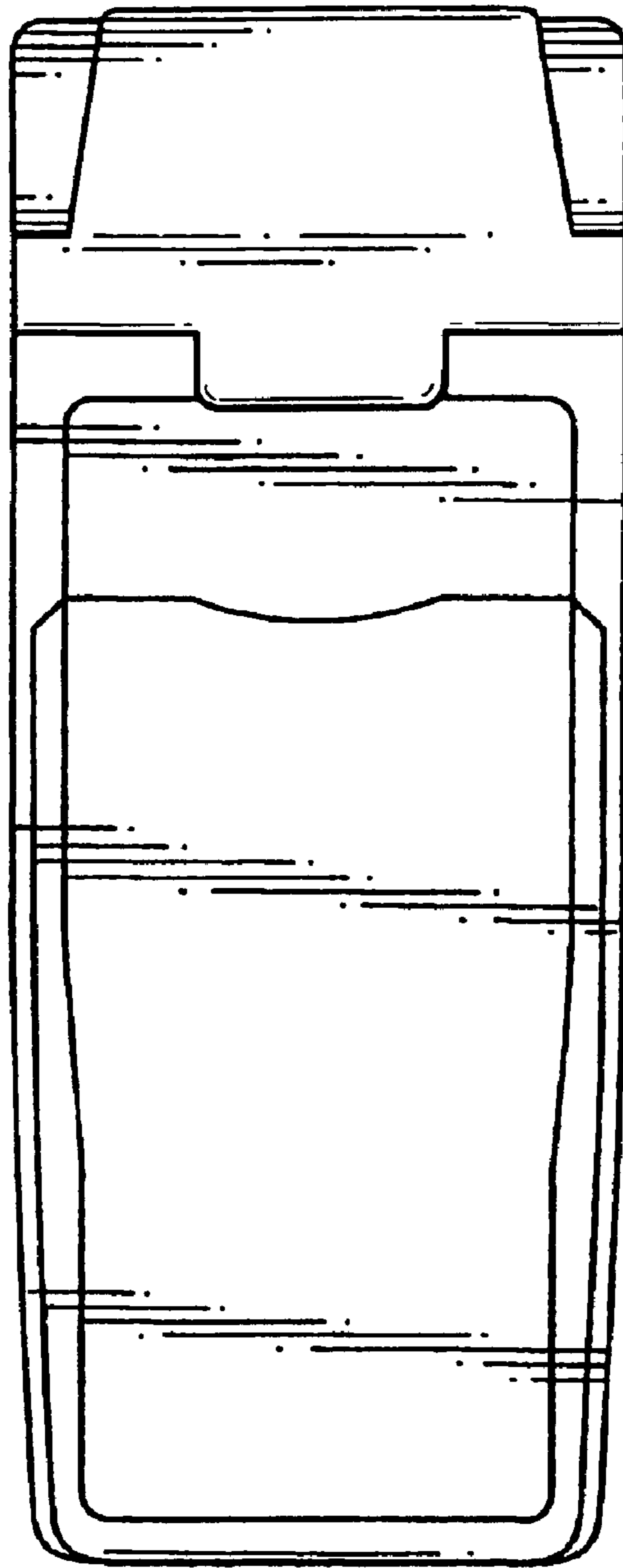


FIG. 7

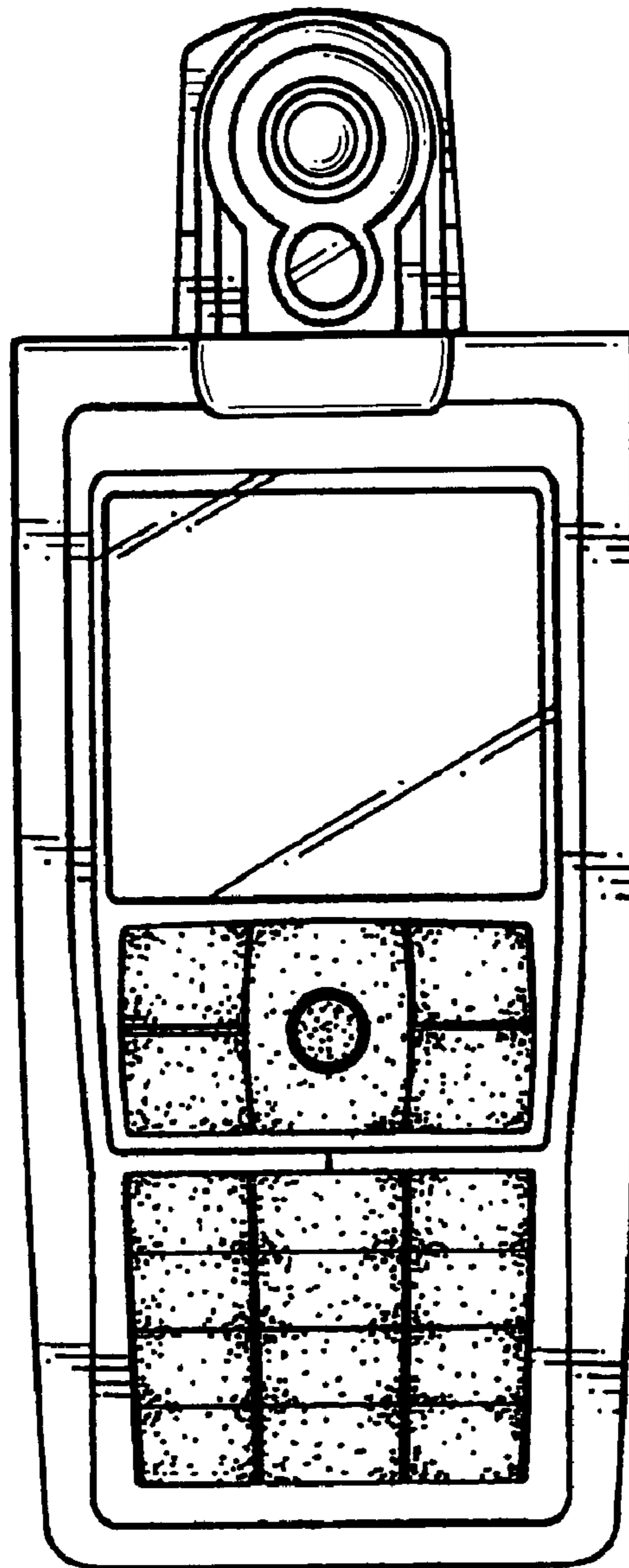


FIG. 8