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

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(54) **KEY BUTTON ARRANGEMENT FOR A HANDSET**

D494,949 S * 8/2004 Arnholt et al. D14/138

(Continued)

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FOREIGN PATENT DOCUMENTS

(73) Assignee: **Nokia Corporation**, Espoo (FI)

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

| | | |
|----|----------------|----------|
| EM | 000030606-0001 | 10/2003 |
| EM | 000030606-0002 | 10/2003 |
| EM | 000030606-0003 | 10/2003 |
| EM | 000030606-0004 | 10/2003 |
| EM | 000030606-0005 | 10/2003 |
| EM | 000119649-0001 | 4/2004 |
| EM | 000119649-0002 | 4/2004 |
| EM | 000119649-0003 | 4/2004 |
| EM | 000119649-0004 | 4/2004 |
| WO | DM/059 747 | 5/2002 |
| WO | DM/060792 | * 6/2002 |
| WO | DM/062 301 | 1/2003 |
| WO | DM/064 216 | 10/2003 |
| WO | DM/064 218 | 10/2003 |
| WO | DM/065507 | * 5/2004 |

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.** **D14/247**

(58) **Field of Classification Search** D14/137,
D14/138, 147-148, 247-248, 144, 218, 341-347,
D14/455, 456; 379/433.01-433.13, 434;
455/575.1, 566, 556.1; D21/517, 329, 331;
345/169

See application file for complete search history.

OTHER PUBLICATIONS

“Sporty Nokia 5140i”, 3pp including photo, [online],
<URL:www.mobiletechnews.com>, posted Apr. 26, 2005.*

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(56) **References Cited**

(57) **CLAIM**

U.S. PATENT DOCUMENTS

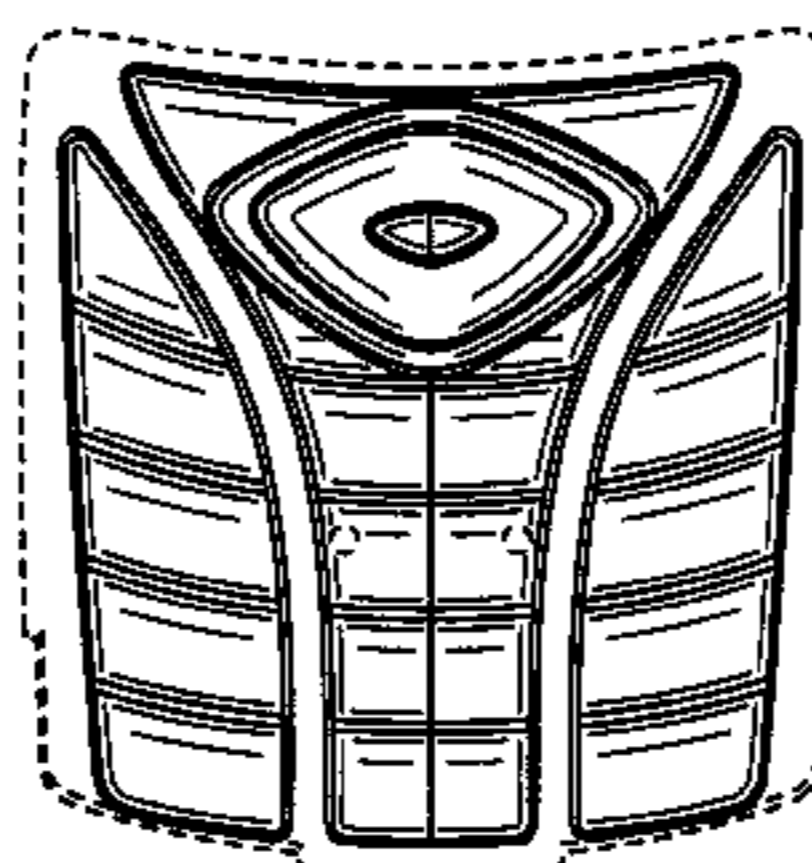
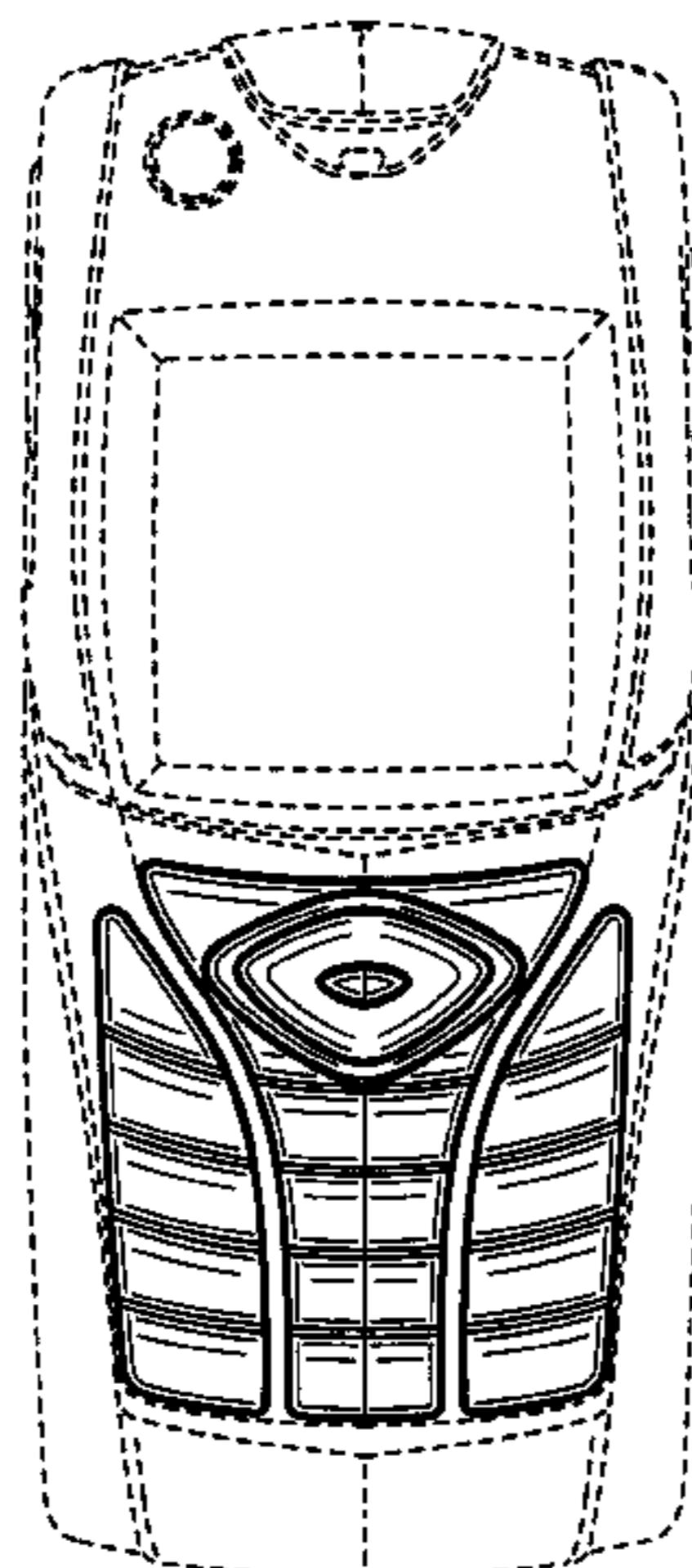
The ornamental design for a key button arrangement for a handset, as shown and described.

| | | | | | |
|------------|---|---------|--------------------|-------|---------|
| D426,531 S | * | 6/2000 | Chikaraishi et al. | ..... | D14/138 |
| D451,912 S | * | 12/2001 | Higashi et al. | ..... | D14/247 |
| D454,866 S | * | 3/2002 | Salmi et al. | ..... | D14/247 |
| D470,483 S | * | 2/2003 | Dalby et al. | ..... | D14/247 |
| D471,904 S | * | 3/2003 | Majanen | ..... | D14/247 |
| D474,166 S | * | 5/2003 | Burns et al. | ..... | D14/138 |
| D476,317 S | * | 6/2003 | Lehtonen | ..... | D14/247 |
| D476,320 S | * | 6/2003 | Arbisi et al. | ..... | D14/247 |
| D479,216 S | * | 9/2003 | Ho-Cheun et al. | ..... | D14/138 |
| D484,476 S | * | 12/2003 | Mehandjiysky | ..... | D14/138 |
| D484,873 S | * | 1/2004 | Salmi | ..... | D14/247 |
| D487,081 S | * | 2/2004 | Kim | ..... | D14/247 |
| D488,143 S | * | 4/2004 | Ting et al. | ..... | D14/138 |
| D488,465 S | * | 4/2004 | Gartrell et al. | ..... | D14/247 |
| D489,060 S | * | 4/2004 | Liao et al. | ..... | D14/247 |
| D492,297 S | * | 6/2004 | Kolinen | ..... | D14/247 |
| D494,559 S | * | 8/2004 | Fuxen | ..... | D14/138 |
| D494,561 S | * | 8/2004 | Kagami et al. | ..... | D14/138 |

DESCRIPTION

FIG. 1 is a front view of a first embodiment of a key button arrangement for a handset showing our new design; FIG. 2 is a perspective front view thereof; FIG. 3 is a front view of a second embodiment of a key button arrangement for a handset showing our new design; and, FIG. 4 is a perspective front view thereof. The broken lines of FIGS. 1-2 showing the remainder of the handset and the broken lines in FIGS. 3-4 showing the key mat and the two circular regions are for illustrative purposes only and form no part of the claimed design.

1 Claim, 2 Drawing Sheets



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U.S. PATENT DOCUMENTS

| | | | |
|------------|-----------|----------------|---------|
| D495,687 S | 9/2004 | Arbisi | |
| D496,019 S | * 9/2004 | Okada et al. | D14/138 |
| D496,641 S | * 9/2004 | Seo | D14/138 |
| D498,473 S | * 11/2004 | Sheu | D14/247 |
| D498,733 S | * 11/2004 | Majanen | D14/138 |
| D498,752 S | 11/2004 | Kagami et al. | |
| D500,992 S | * 1/2005 | Shen et al. | D14/138 |
| D501,469 S | * 2/2005 | Newman et al. | D14/247 |
| D502,157 S | * 2/2005 | Kim et al. | D14/138 |
| D502,455 S | * 3/2005 | Brandis et al. | D14/138 |
| D502,691 S | * 3/2005 | Fuxen | D14/138 |
| D502,933 S | * 3/2005 | Munstermann | D14/138 |
| D503,162 S | * 3/2005 | Kagami et al. | D14/138 |
| D504,406 S | * 4/2005 | Cho et al. | D14/138 |
| D505,934 S | * 6/2005 | Gonser | D14/138 |
| D506,191 S | * 6/2005 | Majanen | D14/138 |
| D506,454 S | * 6/2005 | Kim et al. | D14/138 |
| D507,563 S | * 7/2005 | Moss | D14/247 |
| D512,040 S | * 11/2005 | Kim et al. | D14/138 |

* cited by examiner

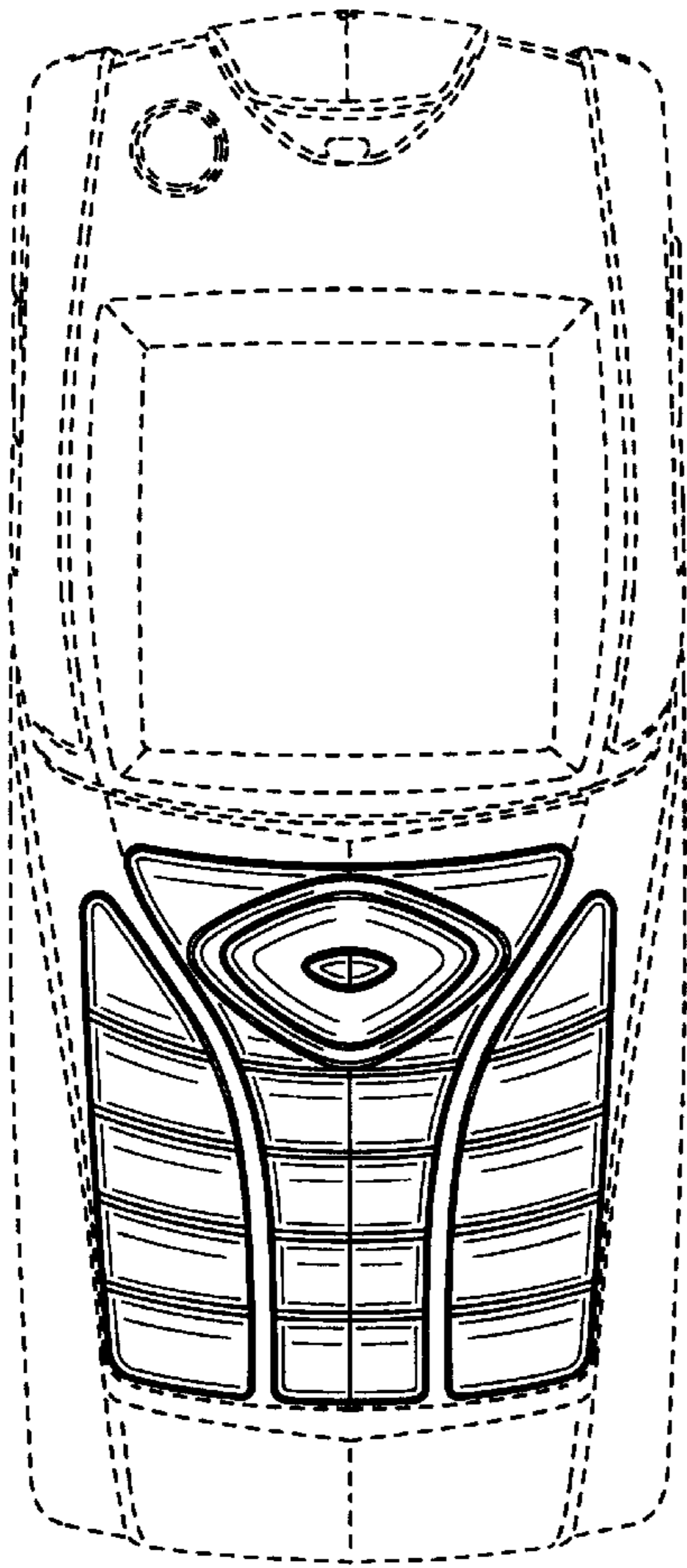


FIG. 1

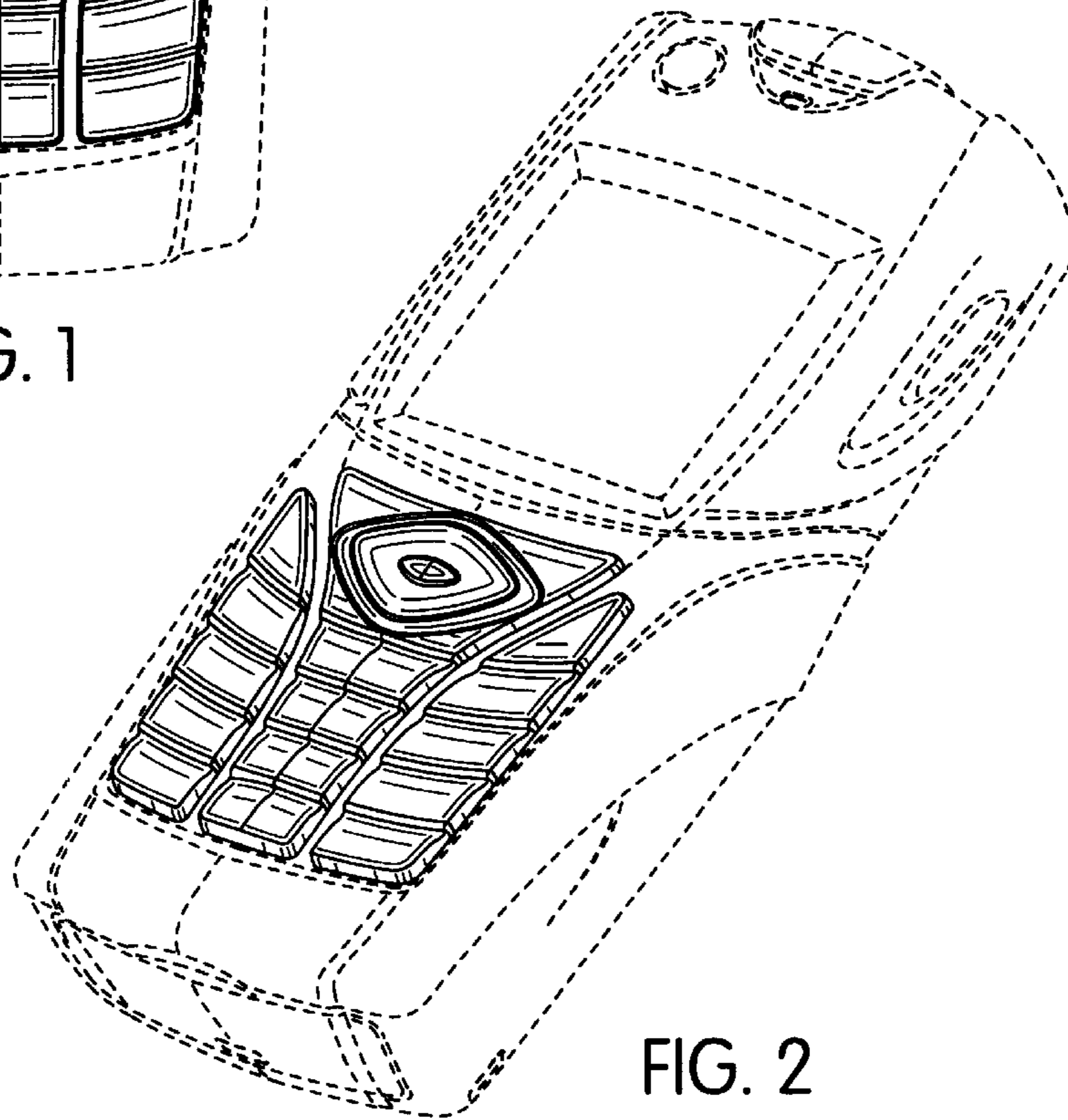


FIG. 2

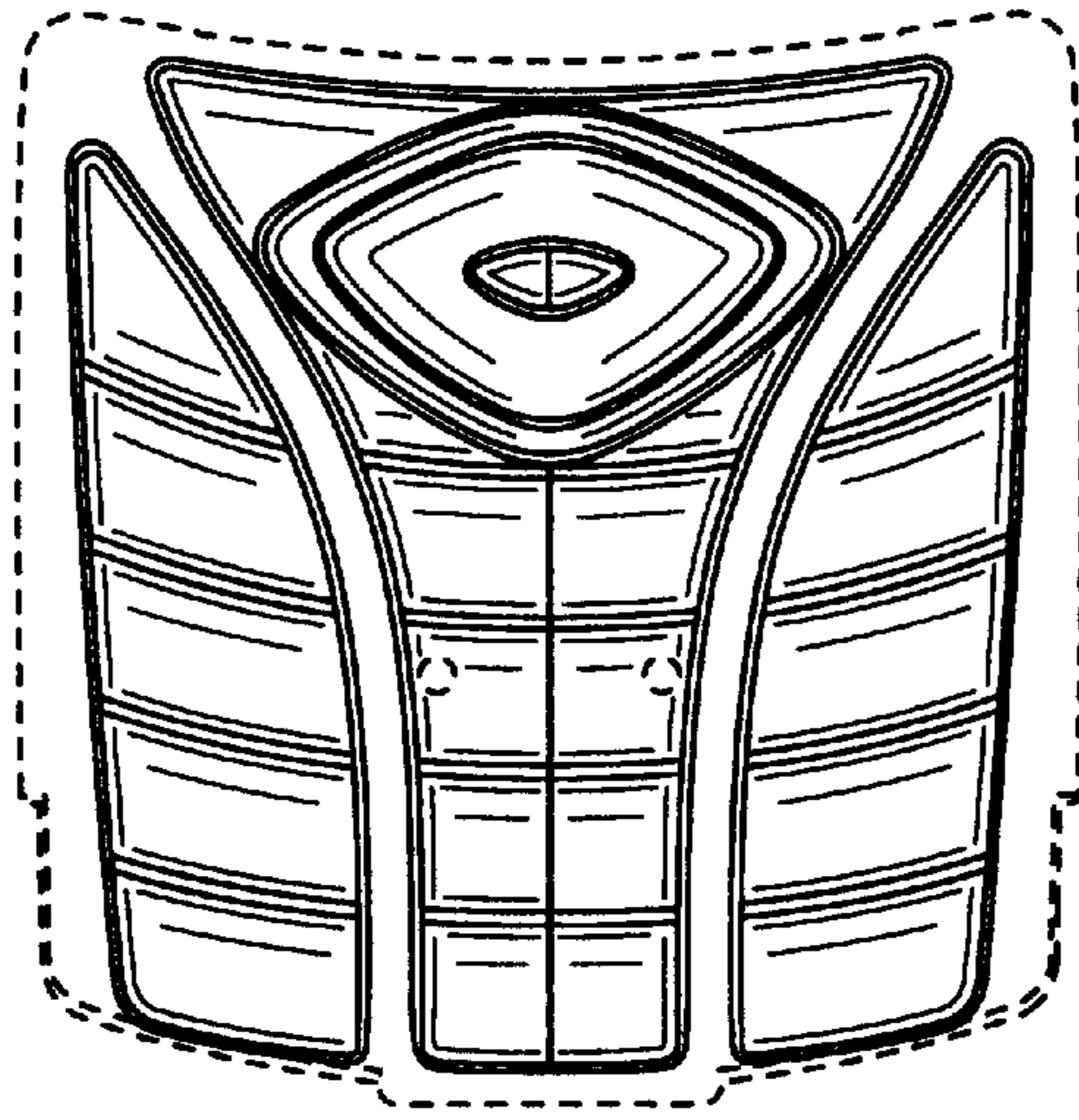


FIG. 3

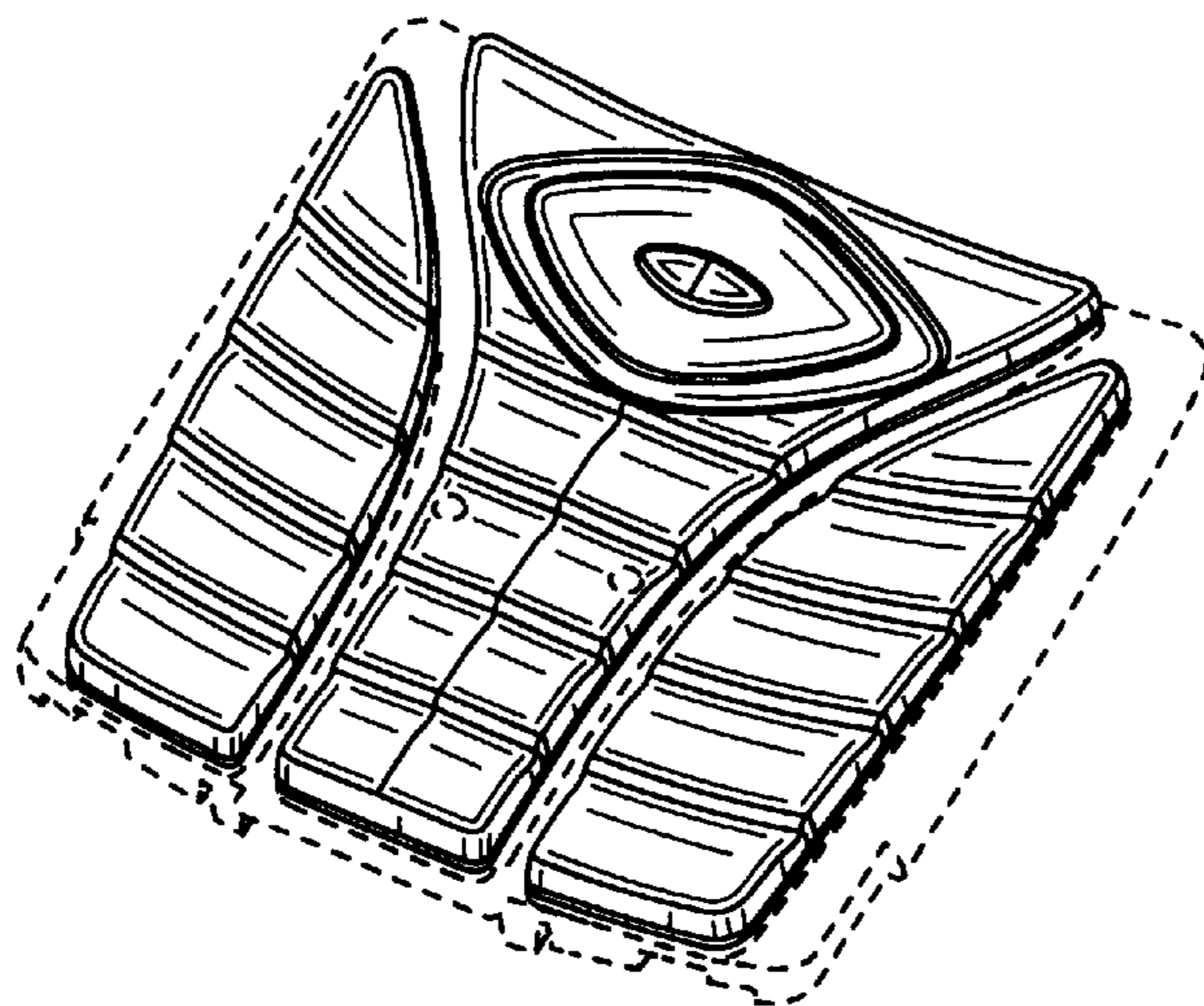


FIG. 4