



US00D547454S

(12) **United States Design Patent**
Hsieh(10) **Patent No.:** US D547,454 S
(45) **Date of Patent:** ** Jul. 24, 2007(54) **TRANSCUTANEOUS NERVE STIMULATOR**D503,641 S * 4/2005 Huang D10/81
D510,625 S * 10/2005 Widener et al. D24/186
D526,063 S * 8/2006 Widener et al. D24/186
D535,031 S * 1/2007 Barrett et al. D24/186
D537,164 S * 2/2007 Shigemori et al. D24/138(75) Inventor: **Chin-Chih Hsieh, Yunghe (TW)**

* cited by examiner

(73) Assignee: **Well-Life Healthcare Limited, Yunghe (TW)***Primary Examiner*—Catherine R. Oliver
Assistant Examiner—Mark Cavanna(**) Term: **14 Years**(57) **CLAIM**(21) Appl. No.: **29/275,326**

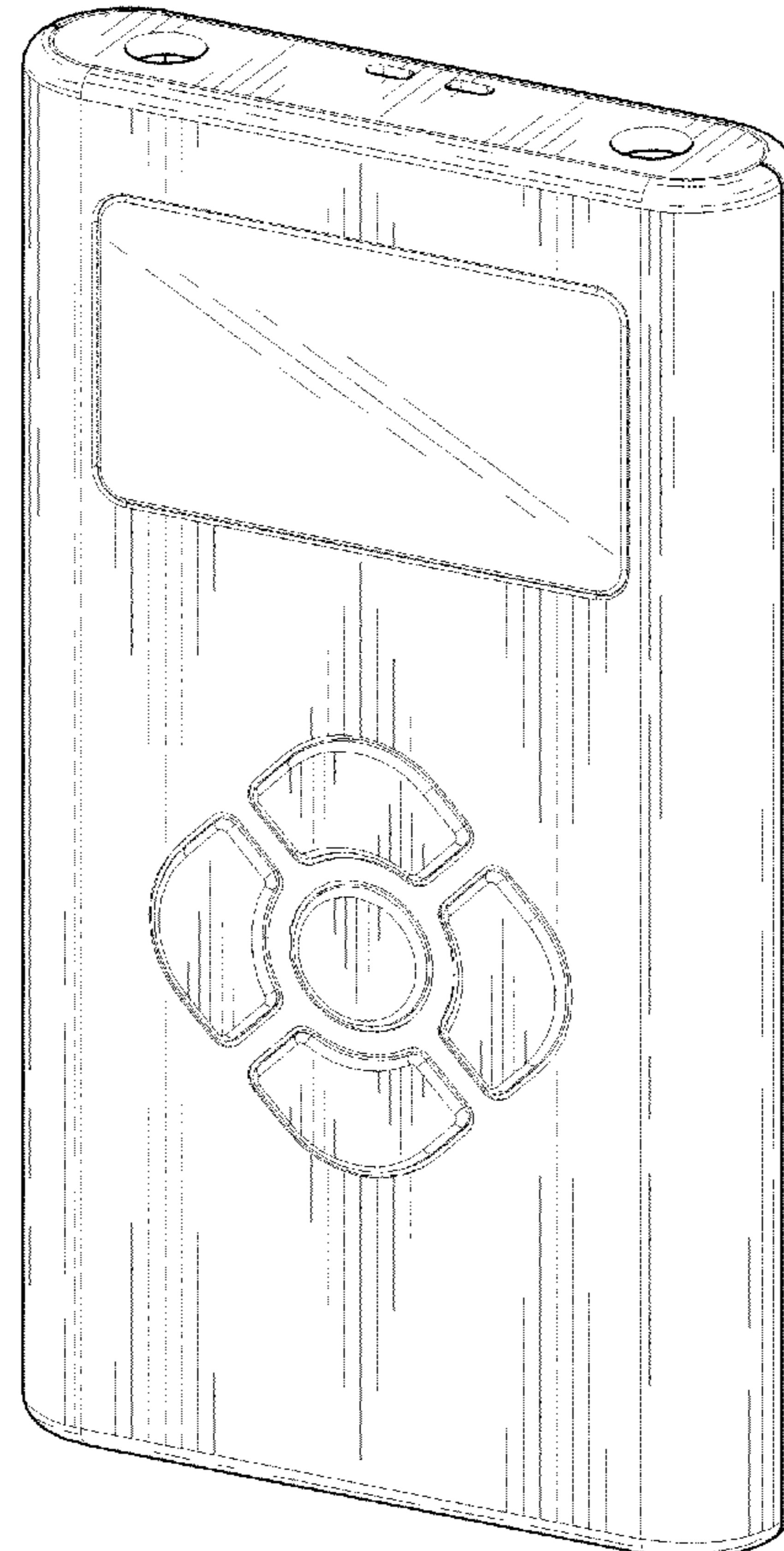
The ornamental design for transcutaneous nerve stimulator, as shown and described.

(22) Filed: **Dec. 20, 2006****DESCRIPTION**(51) **LOC (8) Cl.** 24-01
(52) **U.S. Cl.** D24/186
(58) **Field of Classification Search** D24/138,
D24/186, 200, 215; D10/81; 600/41, 46,
600/48, 54-56, 58-65

See application file for complete search history.

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D323,561 S * 1/1992 Bartelt et al. D24/200
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D390,666 S * 2/1998 Lagerlof D24/186
D414,870 S * 10/1999 Saltzstein et al. D24/186
D420,446 S * 2/2000 Kehr et al. D24/186
D452,012 S * 12/2001 Phillips D24/186
D502,655 S * 3/2005 Huang D10/81FIG. 1 is a perspective view of a transcutaneous nerve stimulator showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is another perspective view showing the transcutaneous nerve stimulator.**1 Claim, 6 Drawing Sheets**

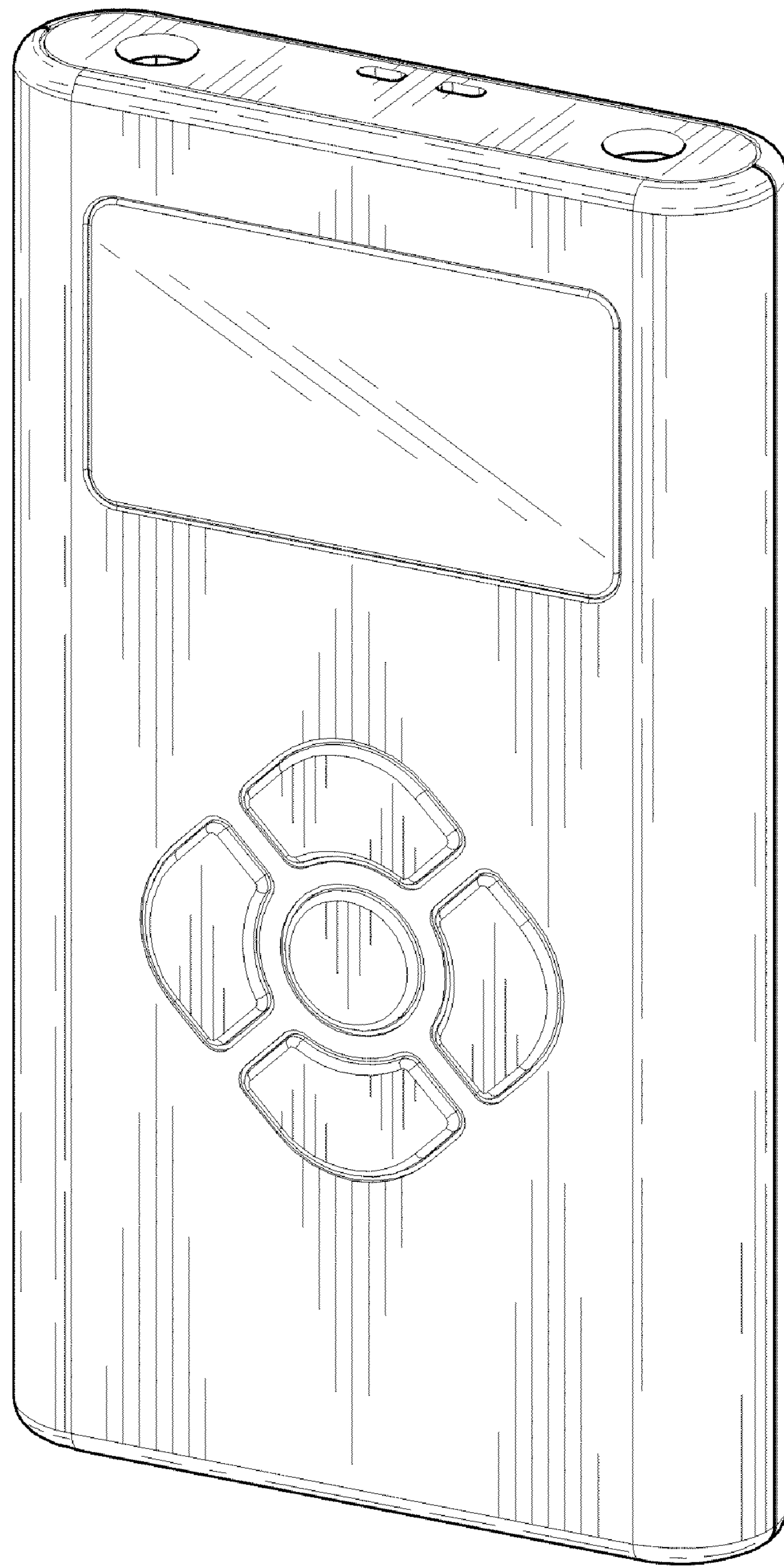


FIG.1

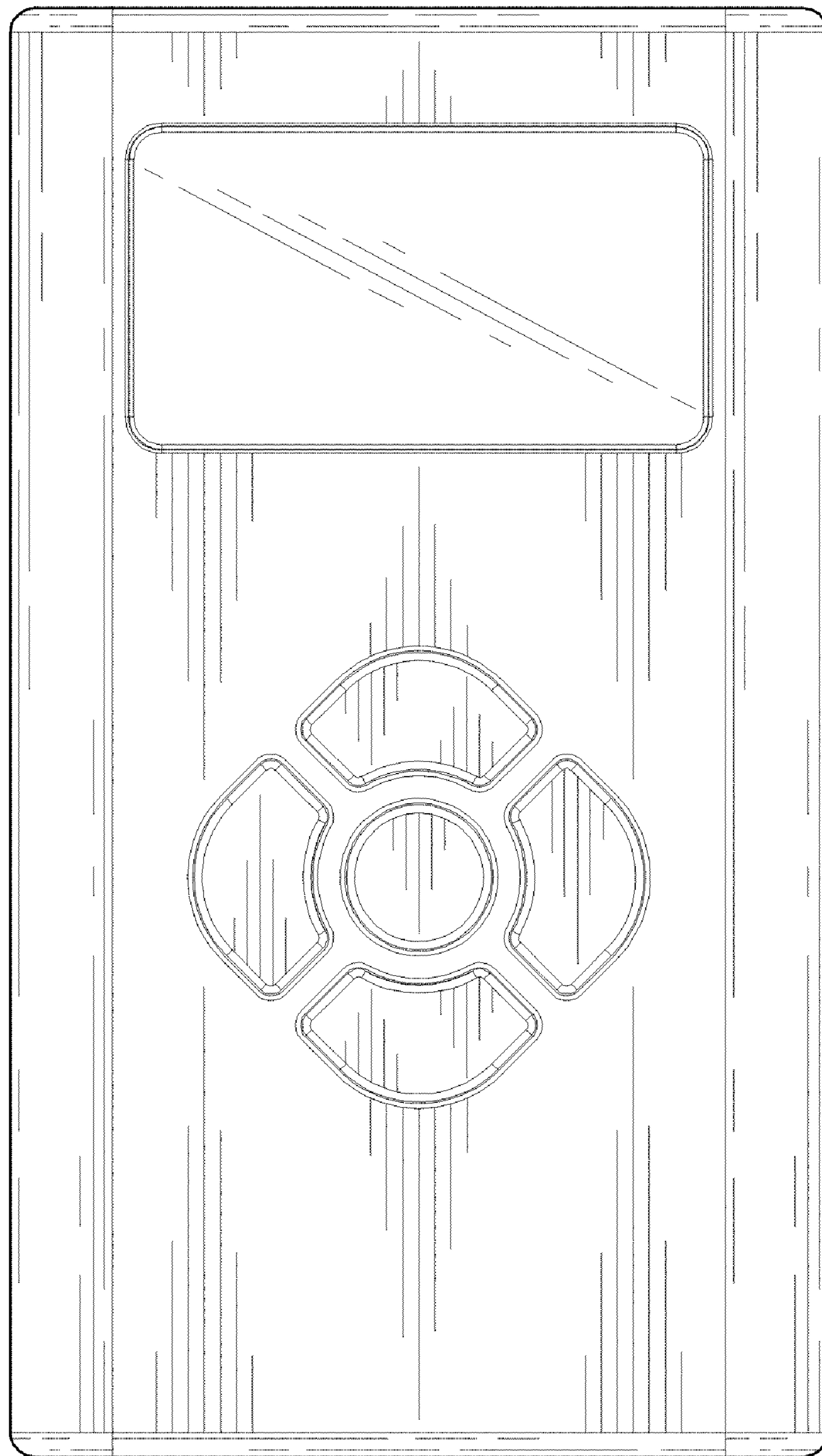


FIG.2

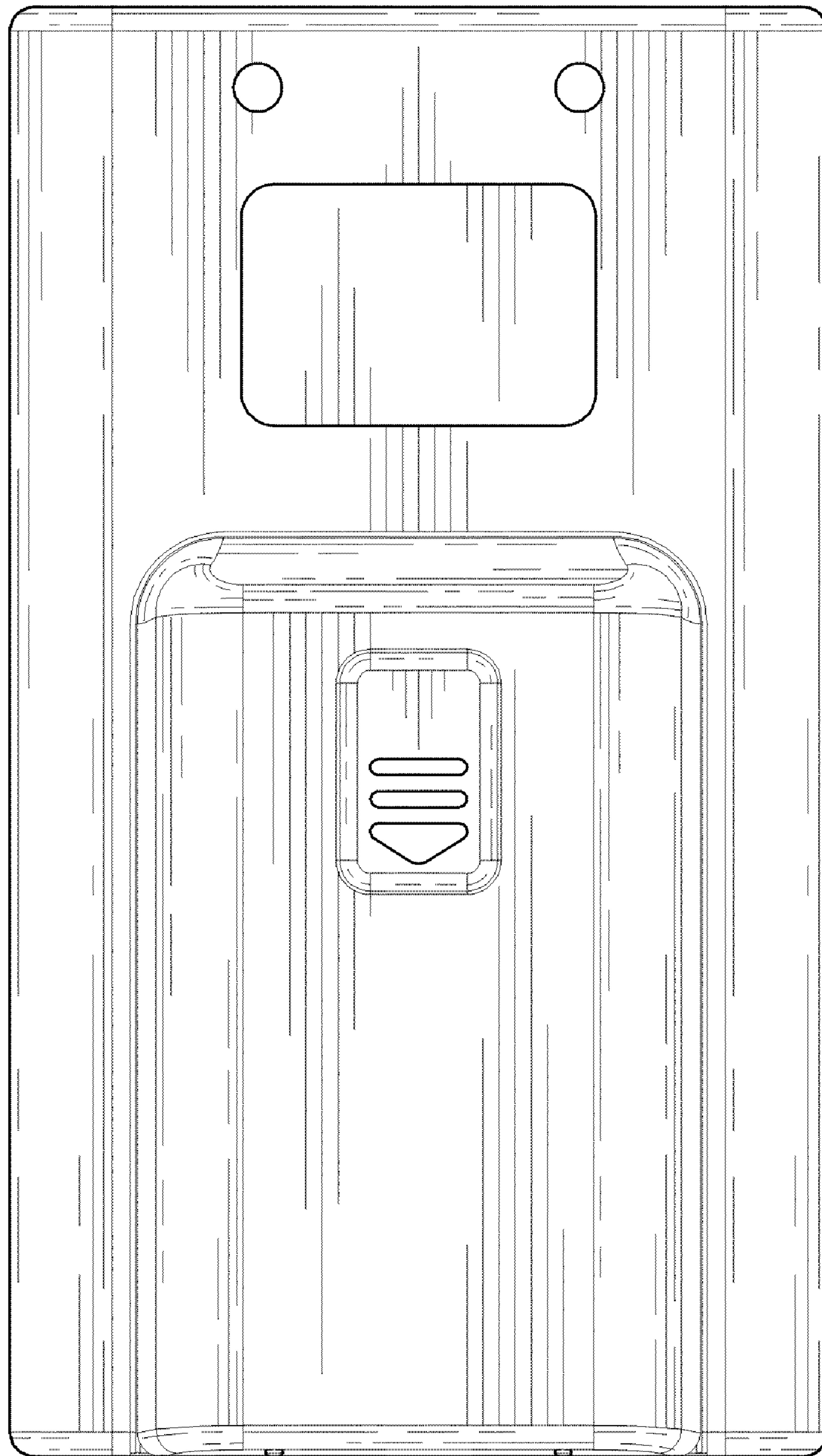


FIG.3

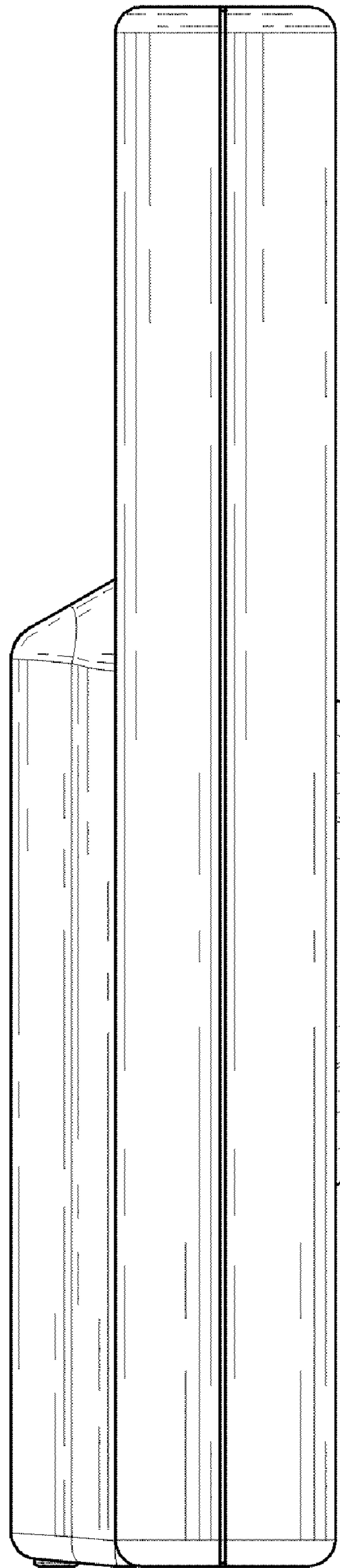


FIG.4

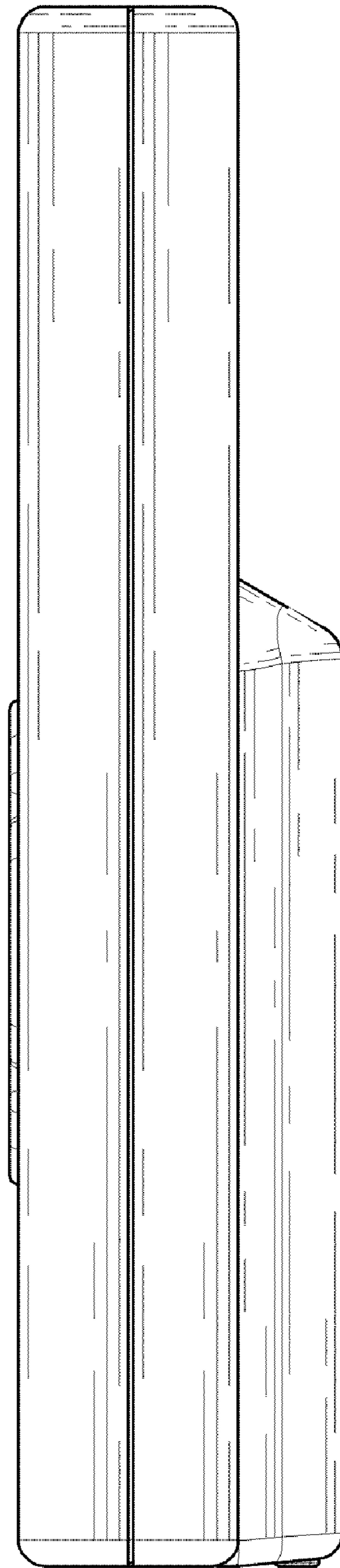


FIG.5

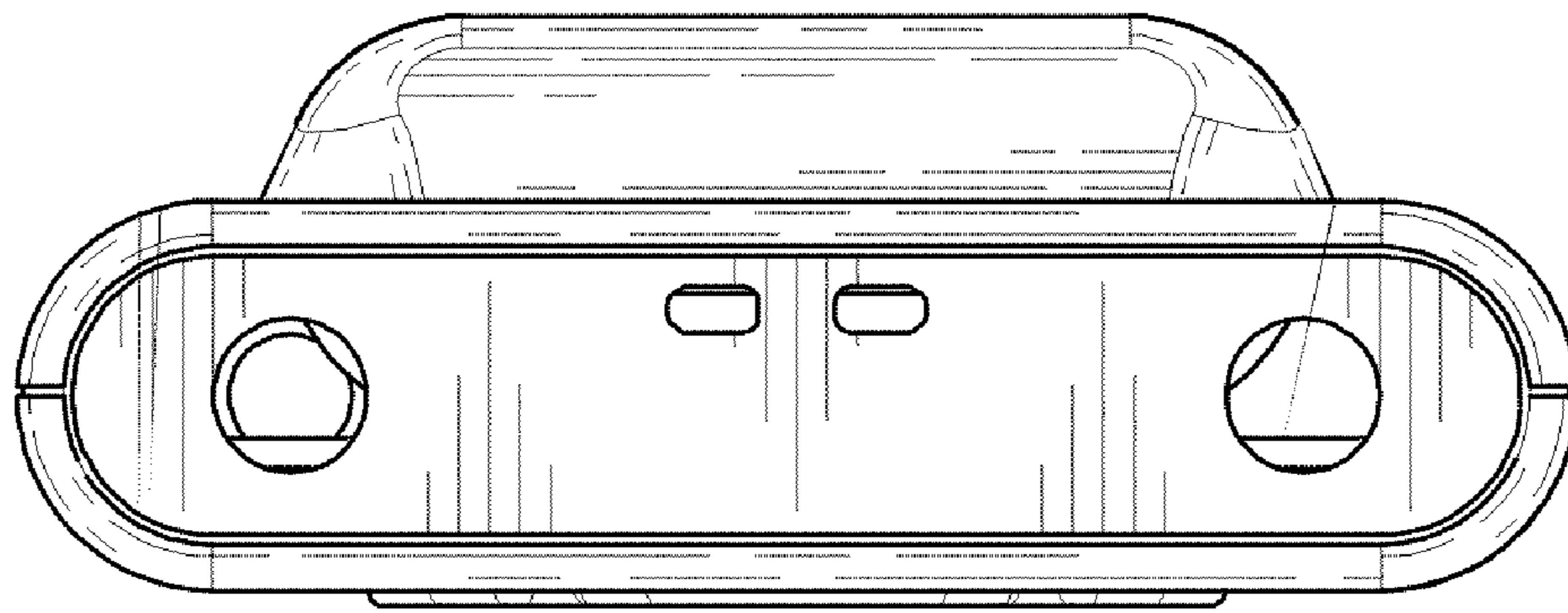


FIG. 6

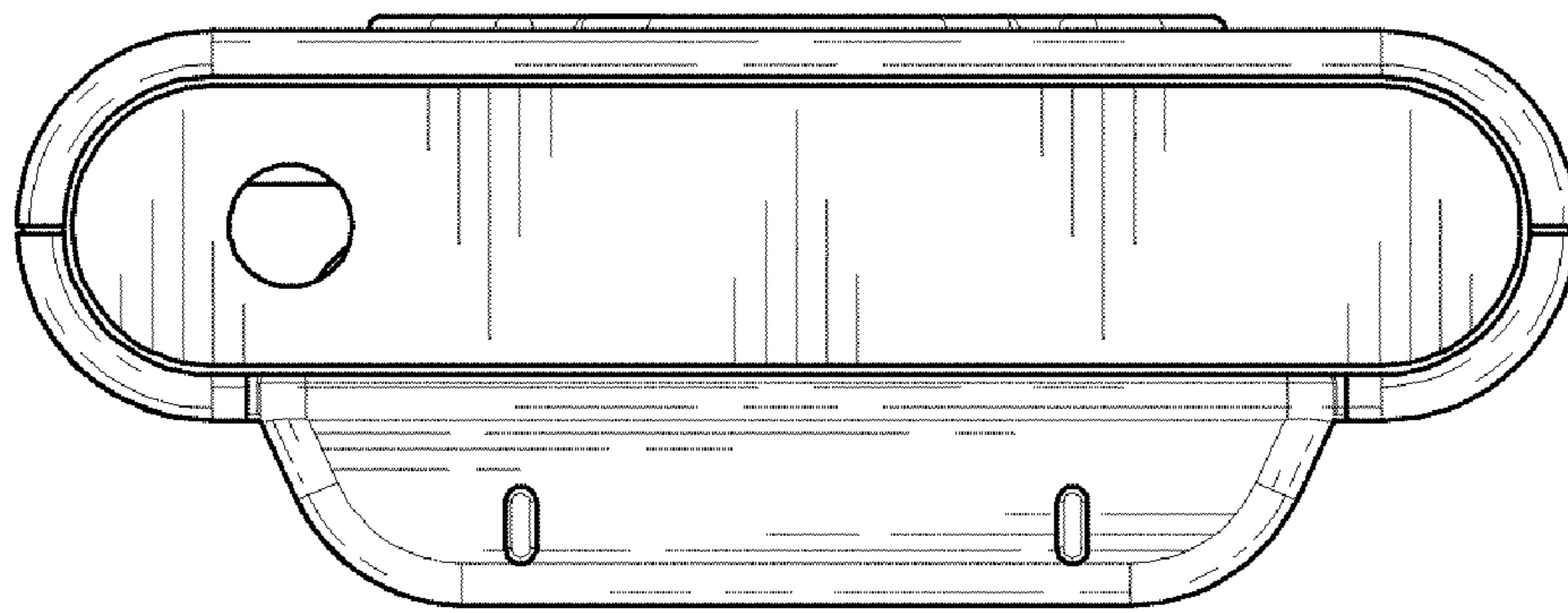


FIG. 7

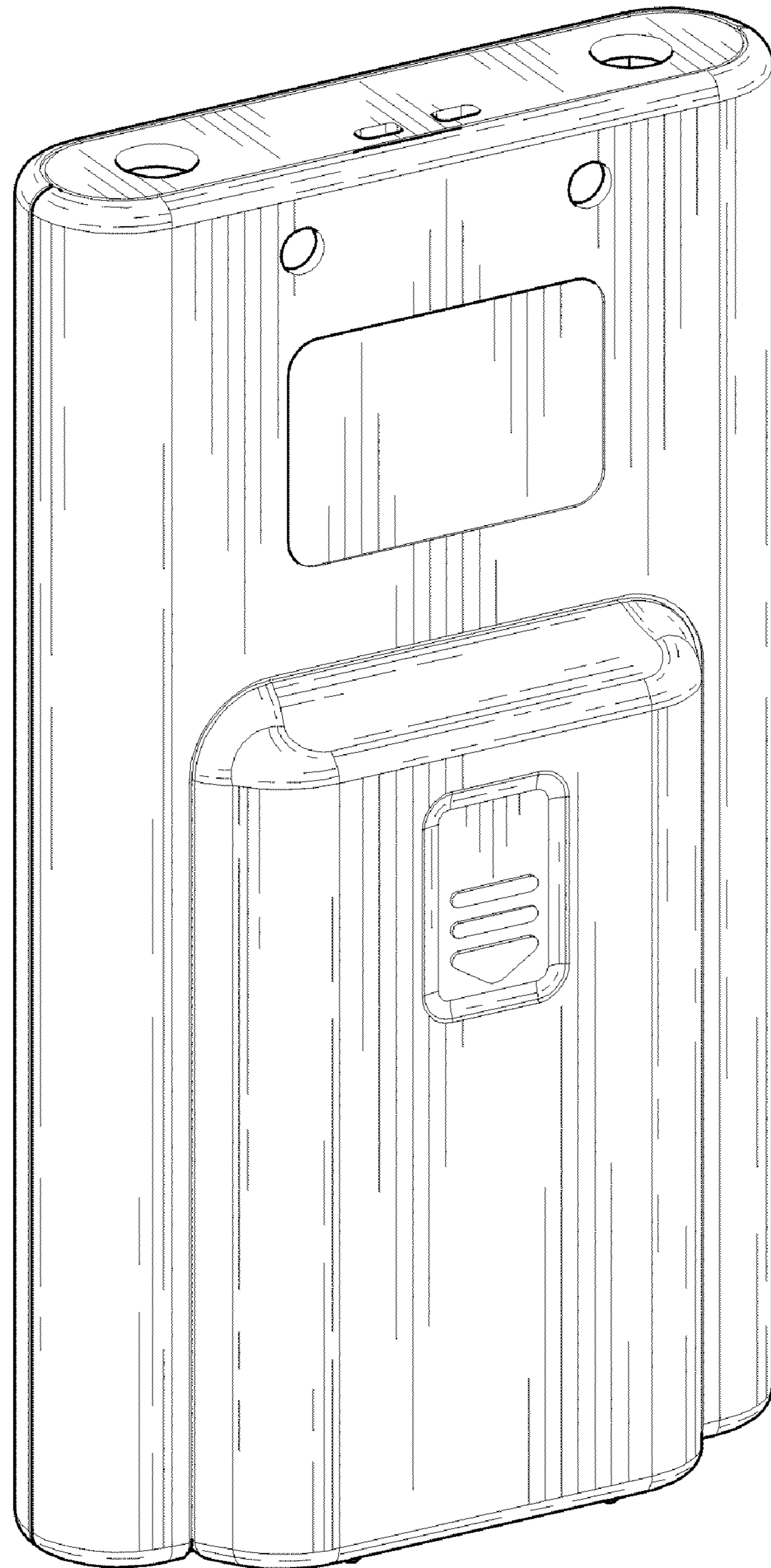


FIG.8