



US00D943542S

(12) **United States Design Patent** (10) **Patent No.:** **US D943,542 S**  
**Albertson** (45) **Date of Patent:** **\*\* Feb. 15, 2022**

(54) **COMBINED MOBILE PHONE AND DEVICE PERFORMANCE ENHANCER**

(71) Applicant: **Robert V. Albertson**, Mound, MN (US)

(72) Inventor: **Robert V. Albertson**, Mound, MN (US)

(73) Assignee: **AMB Company**, Mound, MN (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/651,648**

(22) Filed: **Nov. 19, 2018**

(51) **LOC (13) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/138 G**; D14/341; D14/439;  
D14/248; D3/249

(58) **Field of Classification Search**  
USPC ..... D14/248, 250, 240, 230, 217, 138 G,  
D14/138 AD, 341, 138 R, 496, 203.1,  
D14/203.3, 203.5, 203.7, 432, 436-439,  
D14/138 C, 144; D13/101, 118; D32/40;  
D19/9, 10; D20/11, 27, 40; D3/247, 249  
CPC .. H01Q 1/245; H04M 1/0266; H04M 1/0202;  
H04M 1/026

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,871,883	A	10/1989	Pleinfelld	
4,978,812	A *	12/1990	Akeyoshi	H05K 9/00 174/389
5,335,366	A	8/1994	Daniels	
5,367,309	A	11/1994	Tashjian	
D411,765	S *	7/1999	Holihan	D3/247
6,001,282	A *	12/1999	Kanase	H01Q 1/245 252/500
6,061,028	A	5/2000	Sakata	
D431,719	S *	10/2000	Mucarquer	D3/247

6,855,883	B1 *	2/2005	Matsui	H05K 9/009 174/393
6,886,283	B2 *	5/2005	Arraut	G09F 3/20 150/147
D528,298	S *	9/2006	Vernon	D3/293
7,102,522	B2	9/2006	Kuhns	
D533,348	S *	12/2006	Andre	D3/303

(Continued)

OTHER PUBLICATIONS

DIY Signal Boosting—The Cell Phone Signal Booster Sticker, signalbooster.com, dated Aug. 22, 2018, [online], [site visited Mar. 8, 2021]. Available from Internet, <https://www.signalbooster.com/blogs/news/diy-signal-boosting-the-cell-phone-signal-booster-sticker> (Year: 2018).\*

(Continued)

Primary Examiner — Jeffrey D Asch

(74) Attorney, Agent, or Firm — Richard J. Bartz

(57) **CLAIM**

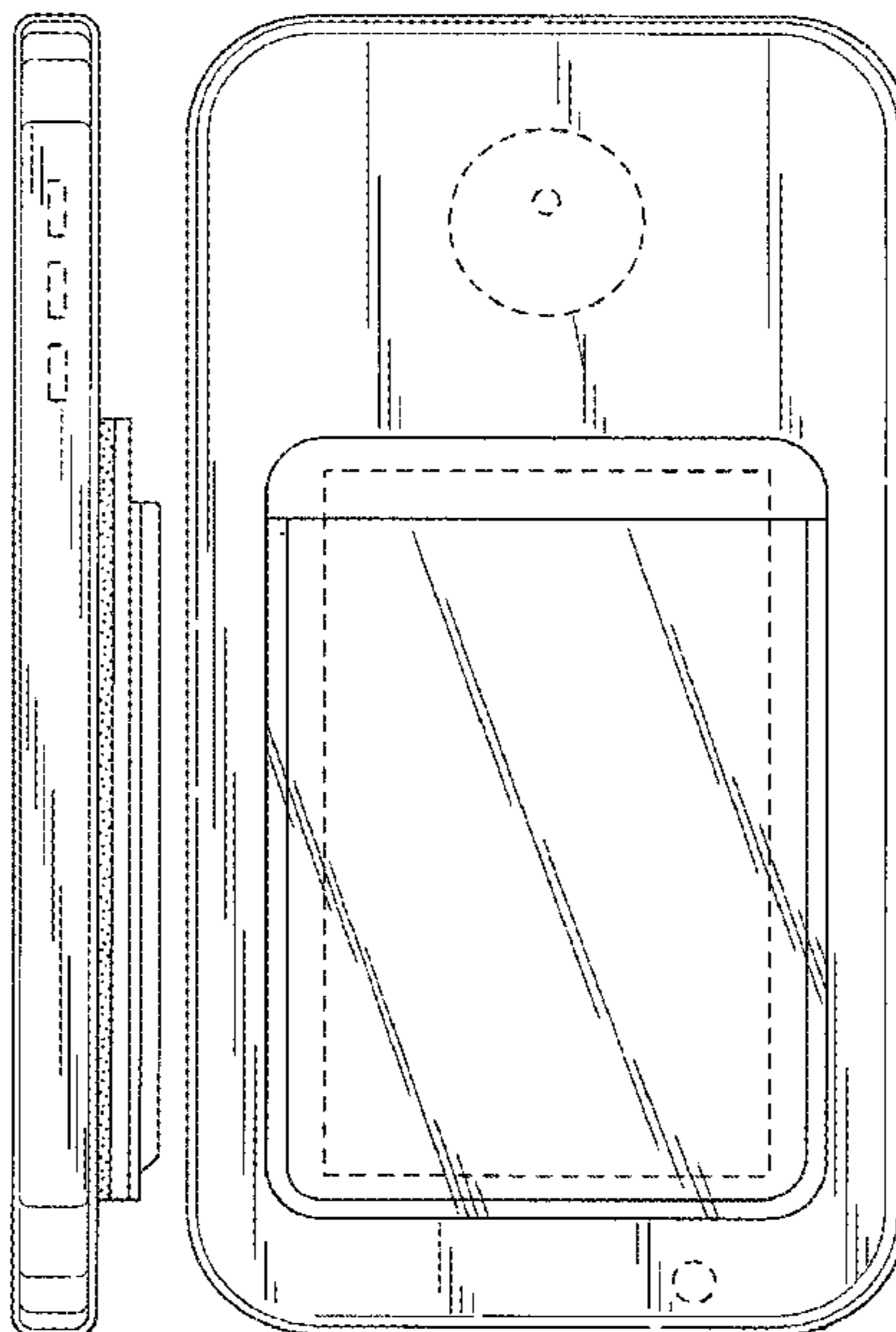
The ornamental design of a combined mobile phone and device performance enhancer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a combined mobile phone and device performance enhancer; FIG. 2 is a right side elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a top plan view thereof; and, FIG. 6 is a bottom plan view thereof.

The portions of the mobile phone shown in broken lines form no part of the claimed design. The rectangle shown inserted in the rear pocket in FIG. 3 shows environmental matter and forms no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

7,176,387 B1 \* 2/2007 Huang ..... D02G 3/12  
174/393

7,221,967 B2 5/2007 Buren et al.

7,365,700 B2 4/2008 Neergaard et al.

D593,059 S \* 5/2009 Kim ..... D14/138 G

D603,361 S \* 11/2009 Kang ..... D14/138 AA

D603,362 S \* 11/2009 Kim ..... D14/138 G

D606,038 S \* 12/2009 Aarras ..... D14/138 G

7,626,362 B2 12/2009 Guang et al.

D619,356 S \* 7/2010 Hillman ..... D3/218

D619,555 S \* 7/2010 Yang ..... D14/138 G

D631,246 S \* 1/2011 Boettner ..... D3/218

7,898,220 B2 3/2011 Guang et al.

7,906,936 B2 3/2011 Azancol et al.

D635,950 S \* 4/2011 Lee ..... D14/138 G

D637,576 S \* 5/2011 Lee ..... D14/138 AD

7,936,734 B2 5/2011 Toledano et al.

D646,255 S \* 10/2011 Kim ..... D14/138 G

8,047,364 B2 \* 11/2011 Longinotti-Buitoni .....  
A45C 11/00  
206/320

D650,381 S \* 12/2011 Park ..... D14/341

D653,656 S \* 2/2012 Charnas ..... D14/250

D654,049 S \* 2/2012 Chung ..... D14/138 G

D654,460 S \* 2/2012 Kim ..... D14/138 G

D654,931 S \* 2/2012 Lemelman ..... H02J 7/0045  
D14/496

D659,324 S \* 5/2012 Davis ..... D32/43

D675,604 S \* 2/2013 Limber ..... D14/250

D688,654 S \* 8/2013 Stevinson ..... D14/250

D688,655 S \* 8/2013 Rey-Hipolito ..... D14/250

D692,149 S \* 10/2013 Uematsu ..... D24/189

D694,007 S \* 11/2013 D'Amore ..... D3/247

D697,502 S \* 1/2014 Chu ..... D14/250

D697,551 S \* 1/2014 Colbert ..... D19/26

D697,887 S \* 1/2014 Yin ..... D14/138 G

D704,701 S \* 5/2014 Andre ..... D14/341

D707,965 S \* 7/2014 Requa ..... D3/247

D713,813 S \* 9/2014 Lee ..... D14/138 G

8,843,062 B2 9/2014 Narendra et al.

D714,783 S \* 10/2014 Takizawa ..... D14/341

D716,250 S \* 10/2014 Becker ..... D14/138 G

D716,511 S \* 10/2014 Brown ..... D32/40

8,919,549 B1 12/2014 Tashjian

8,957,813 B2 \* 2/2015 McCaughey ..... H01Q 19/005  
343/702

8,970,182 B2 3/2015 Paryani et al.

D727,019 S \* 4/2015 DeChant ..... D3/247

9,048,539 B2 \* 6/2015 Yen ..... H01Q 1/245

D740,777 S \* 10/2015 Kim ..... D14/138 G

D745,503 S \* 12/2015 Schmidt ..... D14/250

D747,455 S \* 1/2016 Uematsu ..... D24/100

D749,588 S \* 2/2016 Cox ..... D14/434

9,293,622 B2 3/2016 Smith et al.

9,317,066 B2 \* 4/2016 Mochizuki ..... G06F 1/1626

9,374,120 B1 \* 6/2016 Halloran ..... A61F 17/00

9,509,153 B2 11/2016 Clark

D773,426 S \* 12/2016 Lee ..... D14/138 G

D774,134 S \* 12/2016 Hirschorn ..... D19/9

9,515,378 B2 12/2016 Prasao

D784,948 S \* 4/2017 Brown, III ..... D14/138 G

D788,735 S \* 6/2017 Daniel ..... D14/138 G

D793,978 S \* 8/2017 Daniel ..... D14/138 G

D829,677 S \* 10/2018 Kim ..... D14/138 G

D830,354 S \* 10/2018 Deng ..... D14/250

D832,832 S \* 11/2018 Lamb ..... D14/250

D846,280 S \* 4/2019 Bo ..... D3/303

D847,805 S \* 5/2019 Lederer ..... D14/250

D851,928 S \* 6/2019 Moore ..... D3/247

D855,045 S \* 7/2019 Igarashi ..... D14/250

D870,735 S \* 12/2019 Serov ..... D14/439

10,506,857 B2 \* 12/2019 Altschul ..... A45C 13/002

D874,454 S \* 2/2020 Lederer ..... D14/253

D882,424 S \* 4/2020 Simpson ..... D10/47

D887,132 S \* 6/2020 Puglisi ..... D3/249

D894,908 S \* 9/2020 Serov ..... D14/439

D903,312 S \* 12/2020 Bauer ..... D3/247

D910,311 S \* 2/2021 Howington ..... D3/303

D920,319 S \* 5/2021 Haddock ..... D14/250

2005/0088345 A1 \* 4/2005 De La Torre Barreiro .....  
H01Q 1/245  
343/702

2010/0122756 A1 \* 5/2010 Longinotti-Buitoni .....  
A45C 11/00  
150/165

2010/0208434 A1 \* 8/2010 Kim ..... G06F 1/1692  
361/729

2010/0234081 A1 \* 9/2010 Wong ..... H01Q 19/28  
455/575.5

2011/0316750 A1 \* 12/2011 Yen ..... H01Q 19/28  
343/702

2013/0037187 A1 \* 2/2013 D'Amore ..... A45C 15/00  
150/147

2013/0106661 A1 \* 5/2013 Xiang ..... H01Q 1/40  
343/702

2014/0262853 A1 \* 9/2014 DeChant ..... A45C 1/06  
206/45.2

2016/0006473 A1 \* 1/2016 Leibovich ..... H01Q 1/245  
455/575.5

2016/0020637 A1 1/2016 Khlut

2017/0047652 A1 \* 2/2017 Finkel ..... H01Q 15/14

2019/0215388 A1 \* 7/2019 Cantoli-Alves ..... A45C 13/185

2021/0084132 A1 \* 3/2021 Chou ..... G06F 1/1681

2021/0141481 A1 \* 5/2021 Jeon ..... G06F 3/0412

OTHER PUBLICATIONS

Tamiia EMF Radiation Shield . . . , first avail Apr. 27, 2020, [online], [site visited Mar. 3, 2021]. Available from Internet, URL: [https://www.amazon.com/Protection-Radiation-Radiation-Blocker-Remove-Technologies-Radiation-20/dp/B087PWX396/ref=sr\\_1\\_57?dchild=1&keywords=radiation+shield+for+phone&qid=1614790231&sr=8-57](https://www.amazon.com/Protection-Radiation-Radiation-Blocker-Remove-Technologies-Radiation-20/dp/B087PWX396/ref=sr_1_57?dchild=1&keywords=radiation+shield+for+phone&qid=1614790231&sr=8-57).\*

2 Pack—Anti EMF Radiation . . . , first avail Aug. 24, 2018, [online], [site visited Mar. 3, 2021]. Available from Internet, URL: [https://www.amazon.com/Pack-Radiation-Protection-Eliminates-Radiative/dp/B07GSV6QH8/ref=sr\\_1\\_261?dchild=1&keywords=radiation+shield+for+phone&qid=1614791334&sr=8-261](https://www.amazon.com/Pack-Radiation-Protection-Eliminates-Radiative/dp/B07GSV6QH8/ref=sr_1_261?dchild=1&keywords=radiation+shield+for+phone&qid=1614791334&sr=8-261) (Year: 2018).\*

EMF Shield for Cell Phone Case—Orgonite . . . , first avail Jun. 294, 2017, [online], [site visited Mar. 8, 2021]. Available from Internet, URL: [https://www.amazon.com/EMF-Shield-Cell-Phone-Case/dp/B073HZ4HQL/ref=sr\\_1\\_250?dchild=1&keywords=radiation+shield+for+phone&qid=1614791216&sr=8-250](https://www.amazon.com/EMF-Shield-Cell-Phone-Case/dp/B073HZ4HQL/ref=sr_1_250?dchild=1&keywords=radiation+shield+for+phone&qid=1614791216&sr=8-250) (Year: 2017).\*

Sinjimoru Secure Card Holder for Back of Phone . . . , first avail Mar. 27, 2017, [online], [site visited Mar. 14, 2021]. Available from Internet, URL: <https://www.amazon.com/Sinjimoru-Functioning-Adhesive-SinjiPouch-Black/dp/B06XVNBFC?th=1> (Year: 2017).\*

SYB Phone Pouch, EMF Radiation Protection Sleeve, XL, first avail Dec. 20, 2015, [online], [site visited Mar. 14, 2021]. Available from Internet, URL: <https://www.amazon.com/SYB-Neoprene-Protection-Sleeve-Phones/dp/B01JGRPDP4> (Year: 2015).\*

Polifall Cell Phone Card Holder Stick On Wallet Sleeve . . . , first avail Aug. 9, 2019, [online], [site visited Mar. 14, 2021]. Available from Internet, URL: [https://www.amazon.com/Polifall-Phone-Holder-Wallet-Sleeve/dp/B07W6YVPJ2/ref=psdc\\_9414313011\\_t4\\_B07T2Q6BFN](https://www.amazon.com/Polifall-Phone-Holder-Wallet-Sleeve/dp/B07W6YVPJ2/ref=psdc_9414313011_t4_B07T2Q6BFN) (Year: 2019).\*

Apple Leather Wallet with MagSafe . . . , first avail Oct. 16, 2020, [online], [site visited Mar. 14, 2021]. Available from Internet, URL: <https://www.amazon.com/Apple-Leather-Wallet-MagSafe-iPhone/dp/B08L5NKGNG?th=1> (Year: 2020).\*

\* cited by examiner

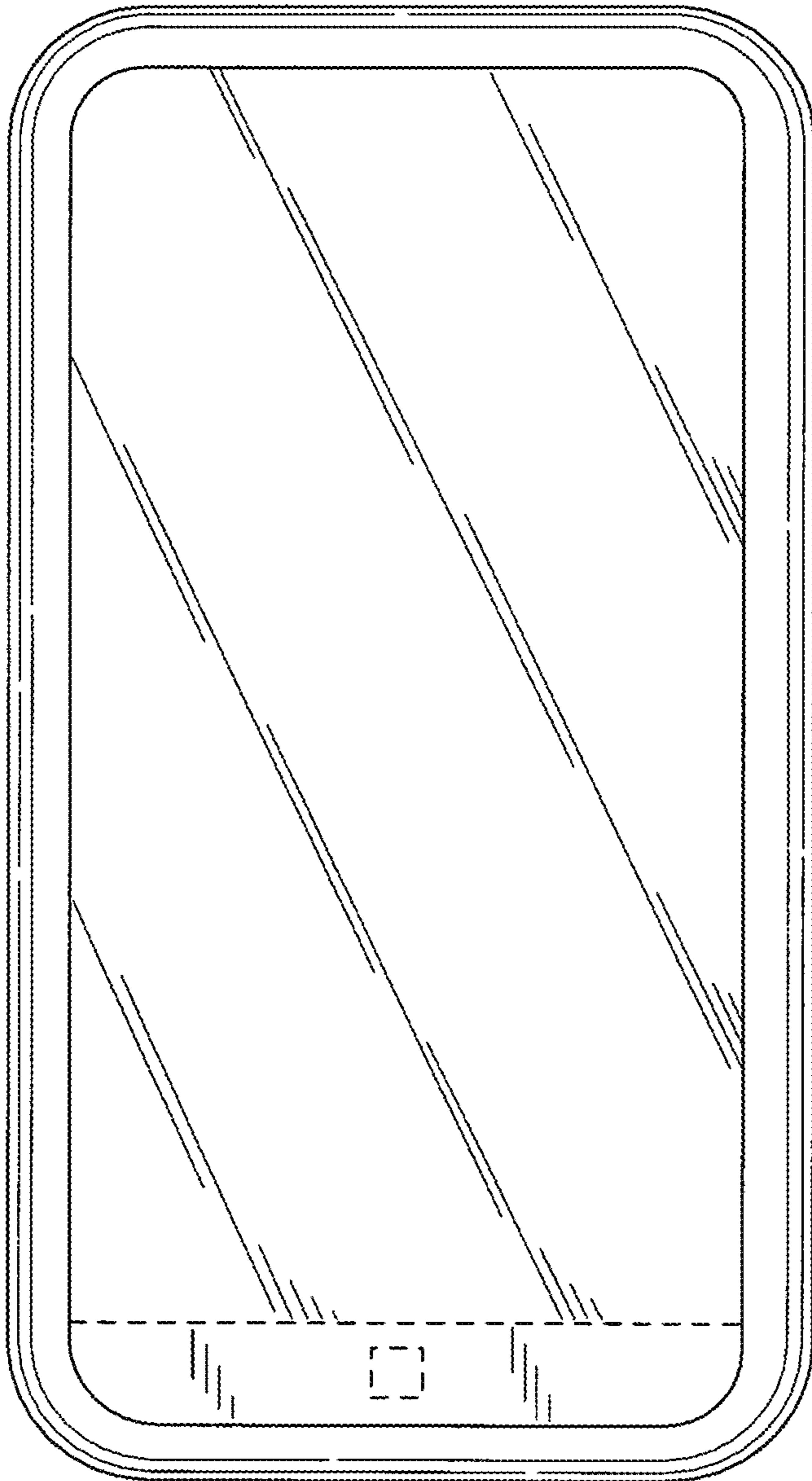


FIG. 1

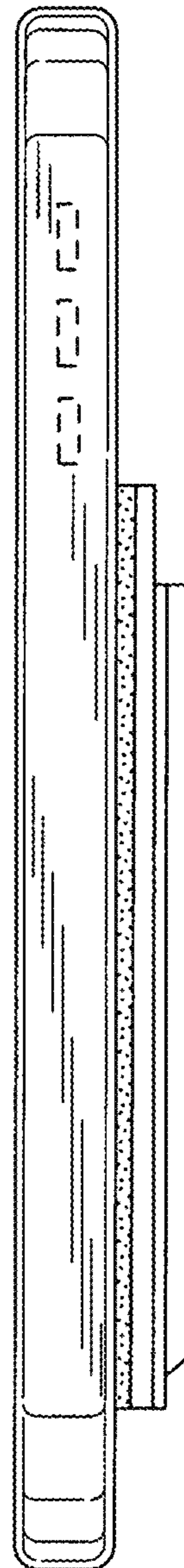


FIG. 2

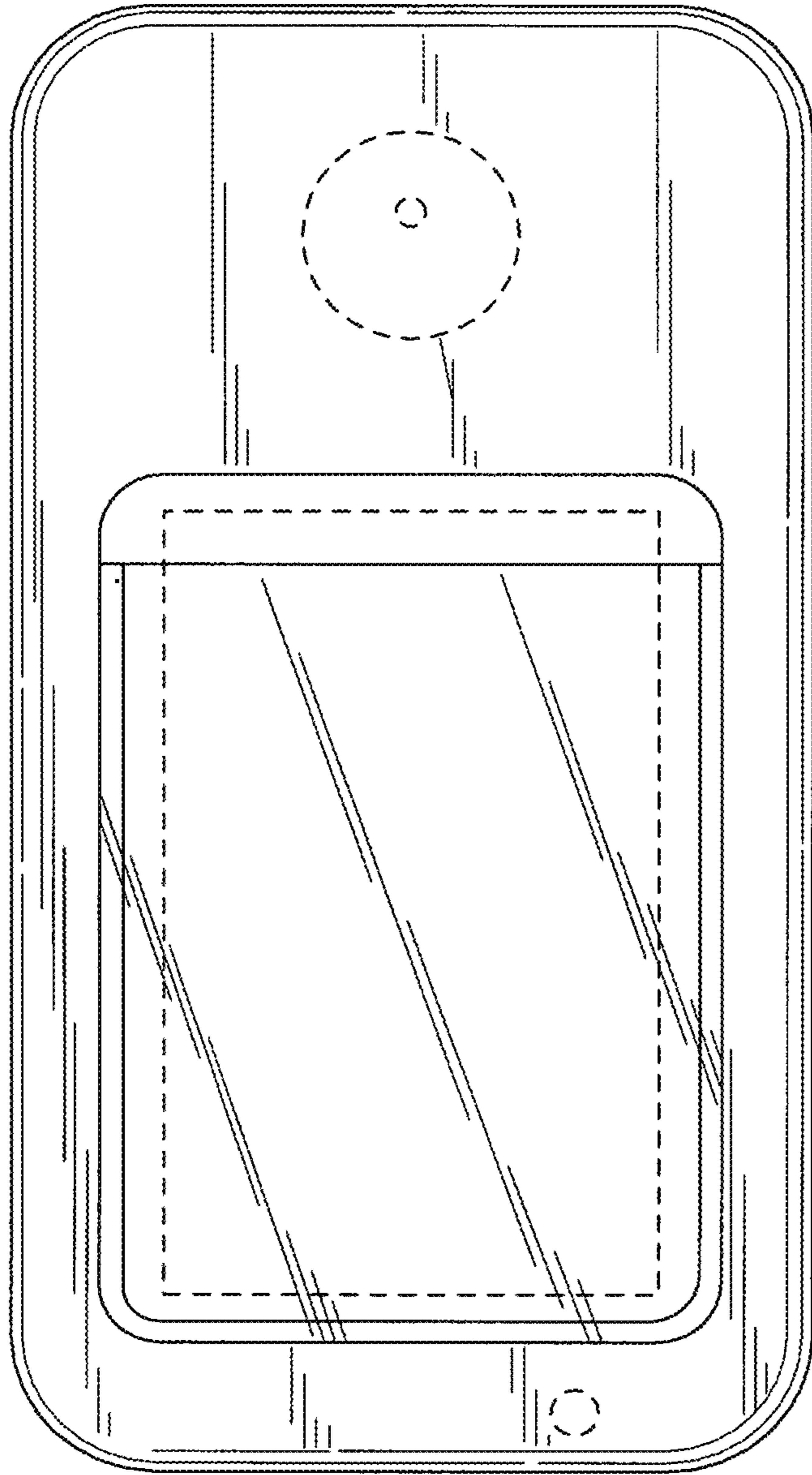


FIG. 3

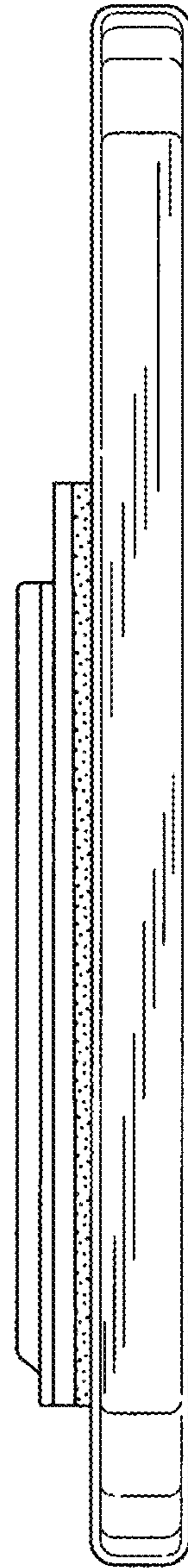


FIG. 4

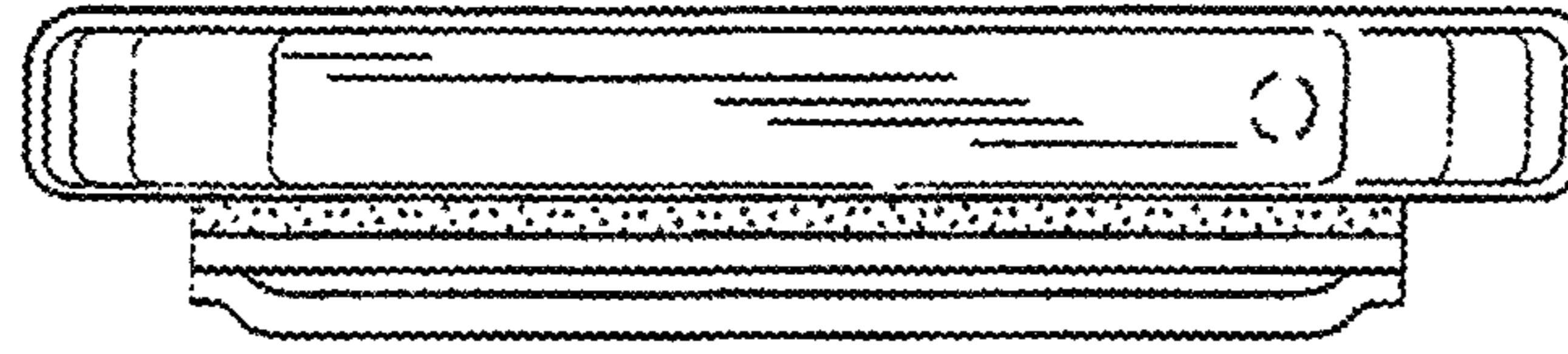


FIG. 5

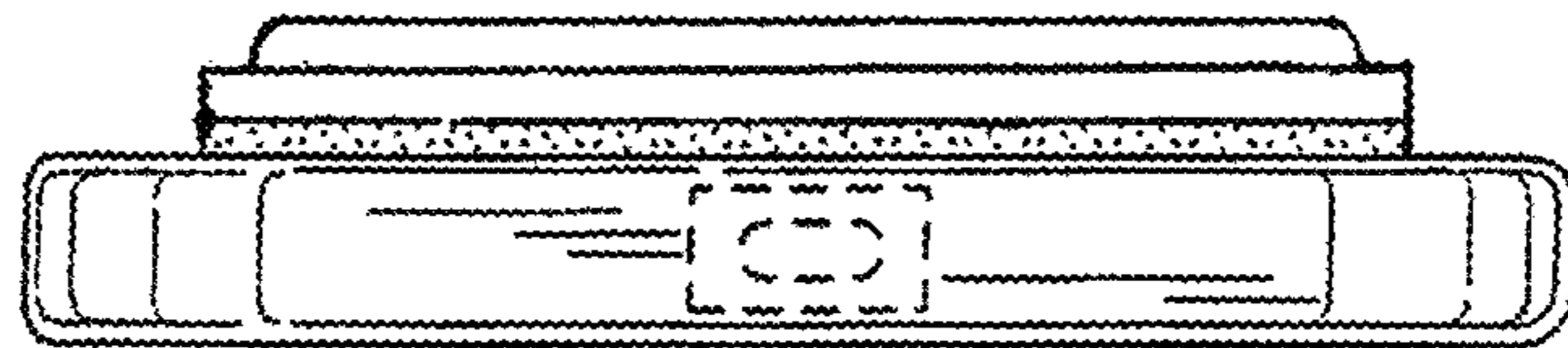


FIG. 6