



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**

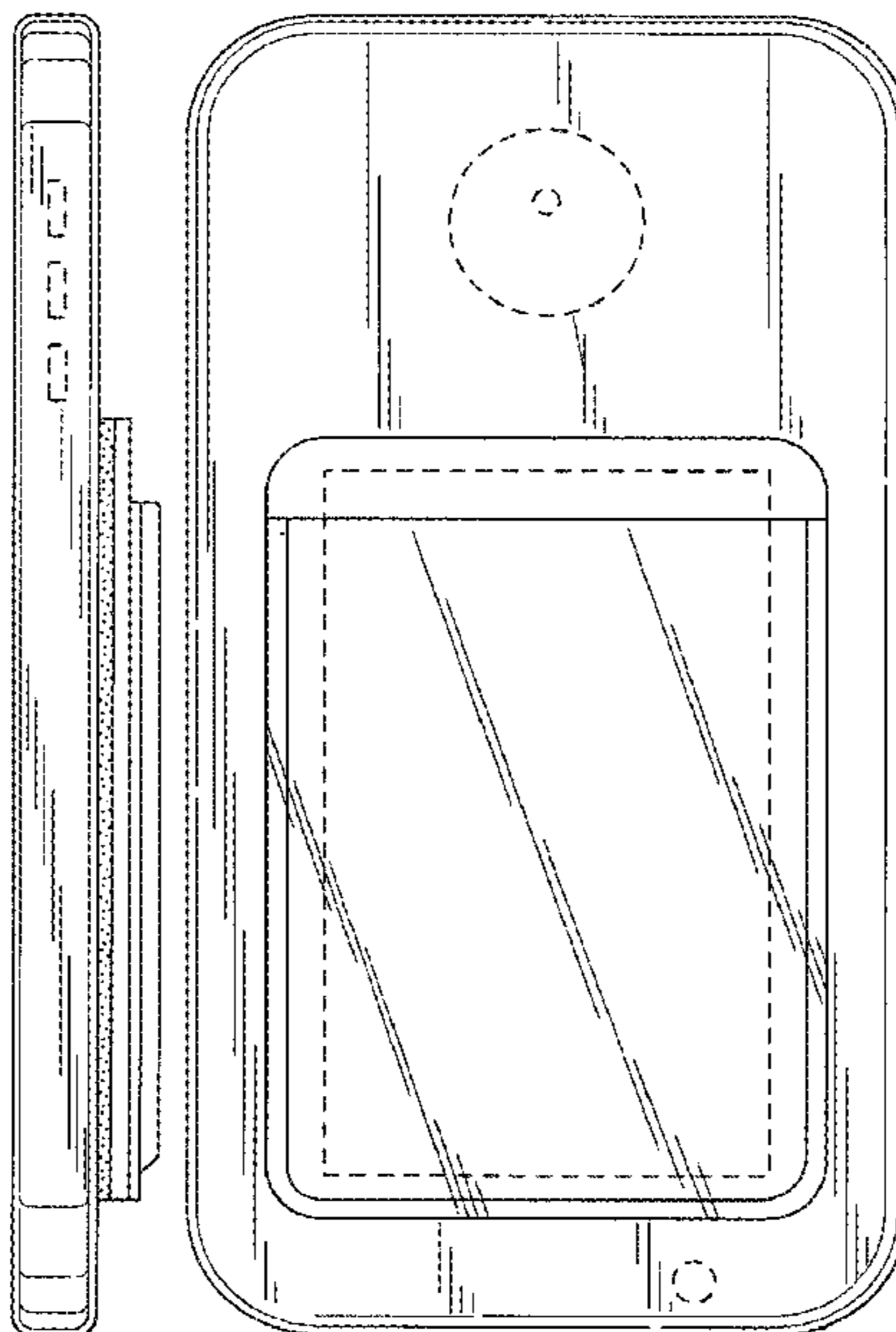
The ornamental design of a combined mobile phone and device performance enhancer, as shown and described.

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 Khlatt
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.*

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 (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 (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 (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

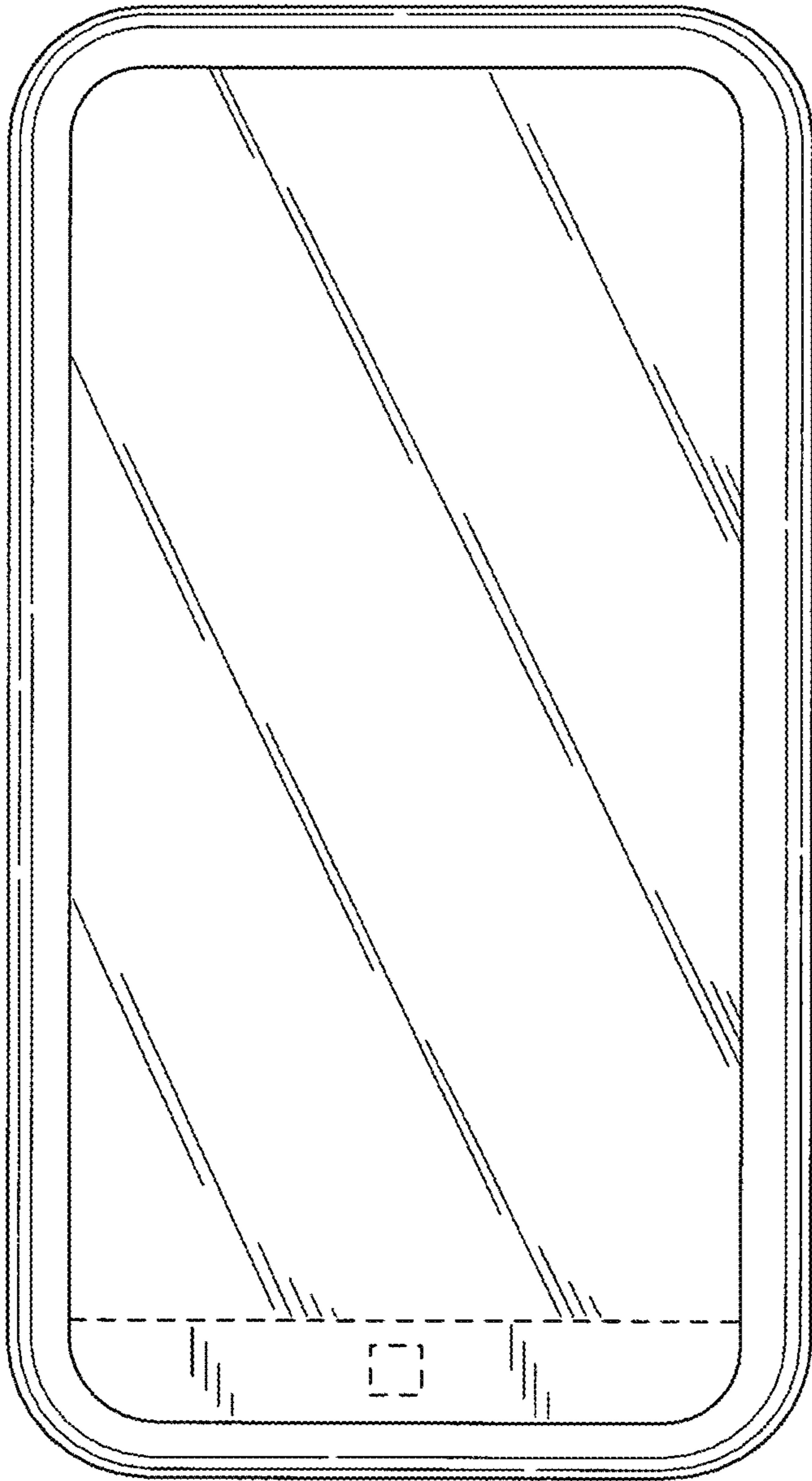


FIG. 1

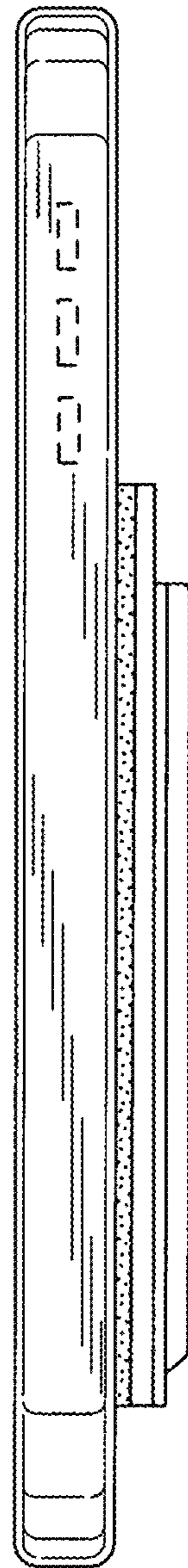


FIG. 2

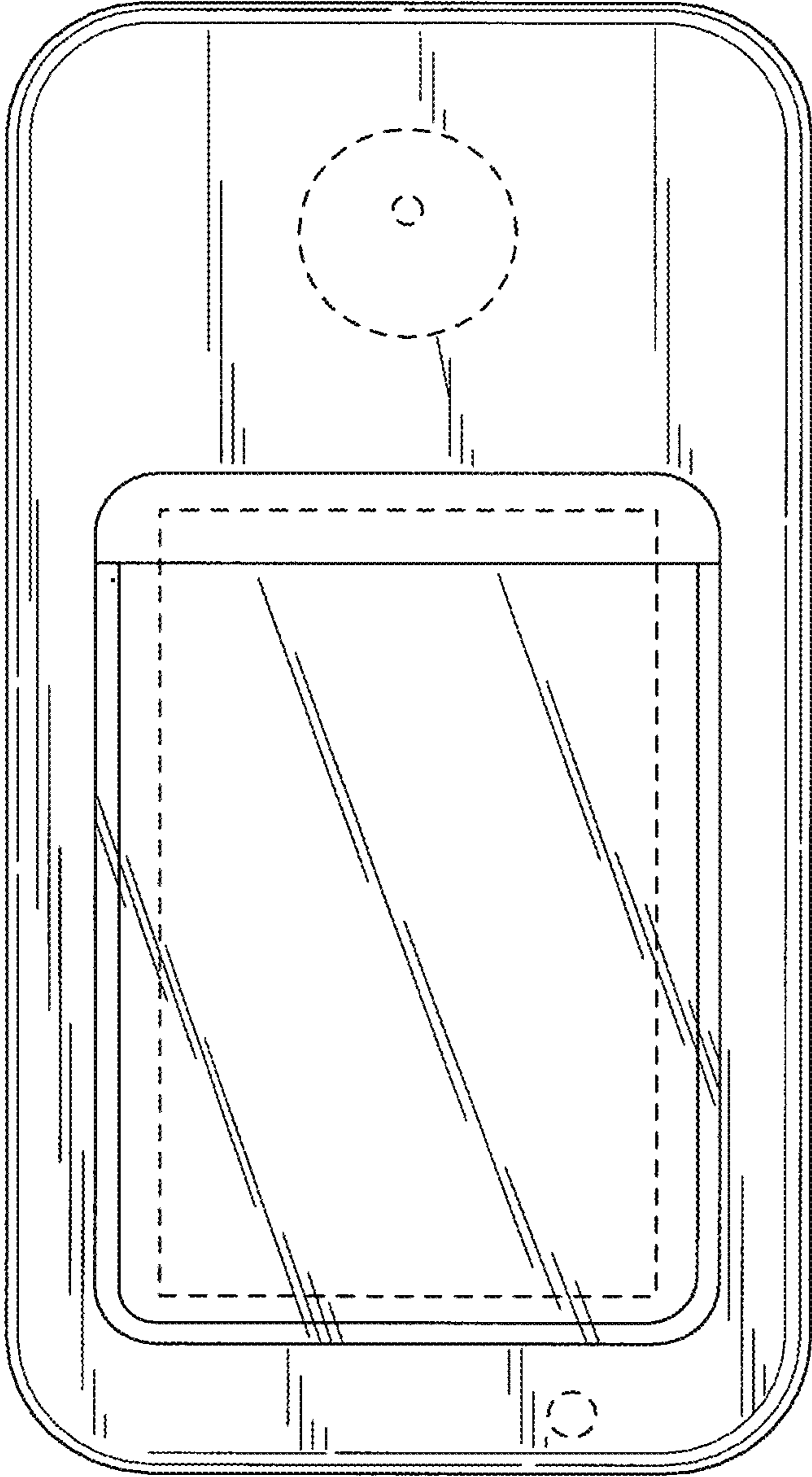


FIG.3

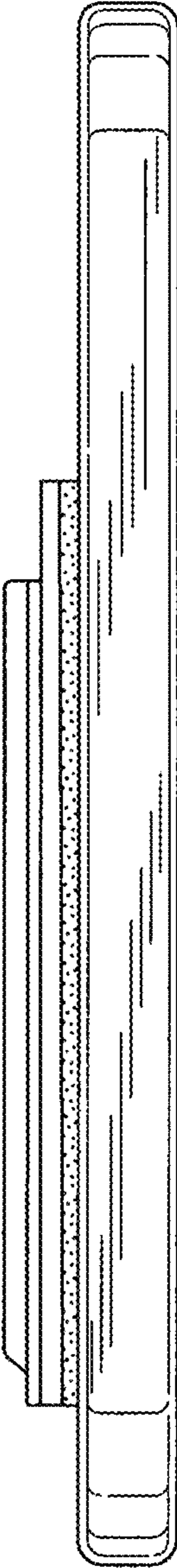


FIG.4

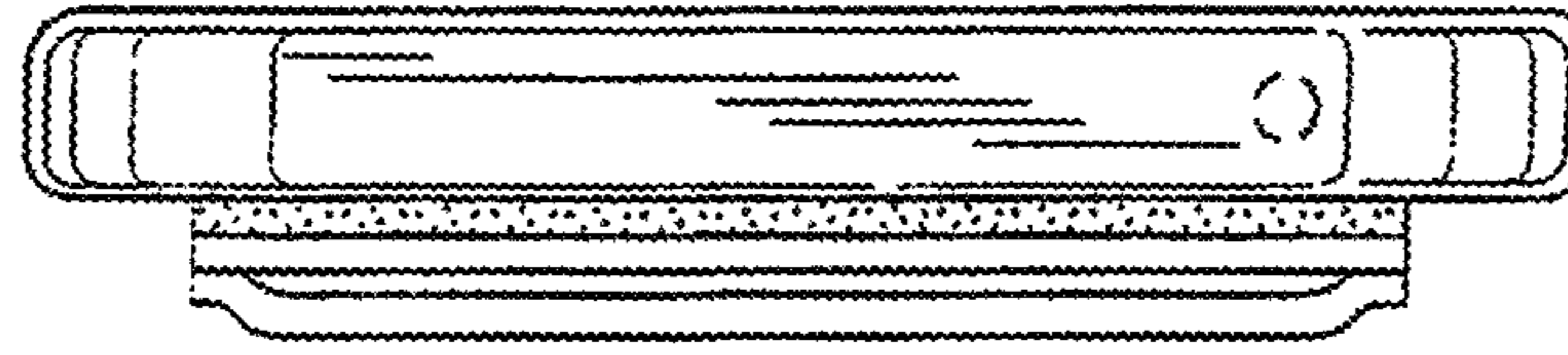


FIG. 5

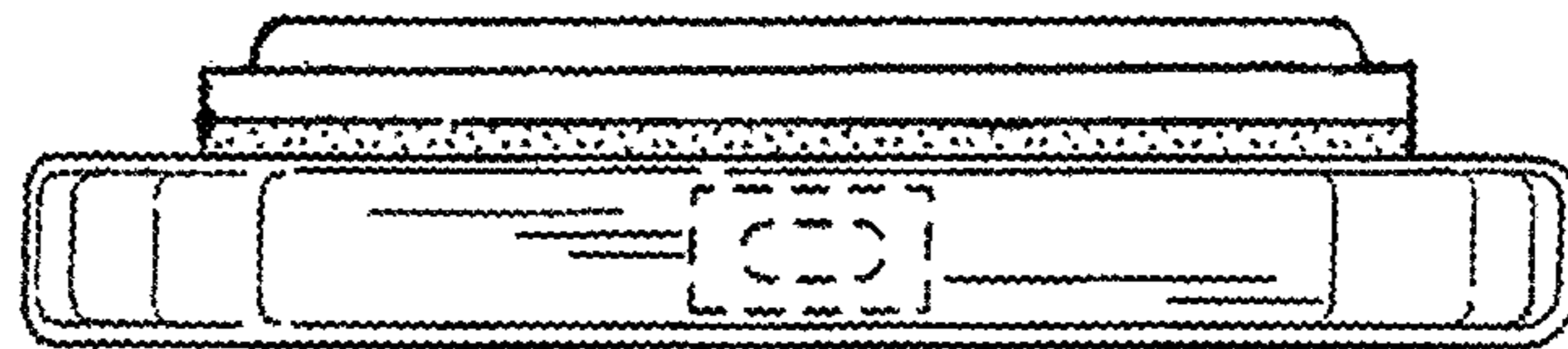


FIG. 6