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(12) **United States Design Patent** (10) **Patent No.:** **US D789,453 S**
Walker et al. (45) **Date of Patent:** **** Jun. 13, 2017**

(54) **DRAWING TOOL**
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(**) Term: **15 Years**
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Related U.S. Application Data

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Sep. 15, 2014, now Pat. No. Des. 749,173.
(51) **LOC (10) Cl.** **19-06**
(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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19/02; B43K 19/14; B43K 24/08
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

3,665,158 A 5/1972 Froedge
D264,854 S 6/1982 Spiegel
D294,519 S * 3/1988 Hardy, Jr. D14/431
D446,242 S * 8/2001 Stukenkemper D19/168
D555,609 S * 11/2007 Galbraith D24/114
7,310,881 B2 * 12/2007 Ohuka B43K 19/14
30/456
D578,571 S * 10/2008 Yeh D19/121

8,262,304 B2 * 9/2012 Llach B43K 24/12
401/109
D670,699 S * 11/2012 Sato D14/411
D681,038 S * 4/2013 Tomohiro D14/411
D686,618 S * 7/2013 Wilson D14/411
(Continued)

FOREIGN PATENT DOCUMENTS

CN 302680797 S 12/2013
CN 302781312 S 4/2014
(Continued)

OTHER PUBLICATIONS

Ridden, "Cordless CreoPop pen makes 3D sketching cool," Jun. 5,
2014, retrieved from www.gizmag.com/creopop-3d-sketch-pen/32422/.
(Continued)

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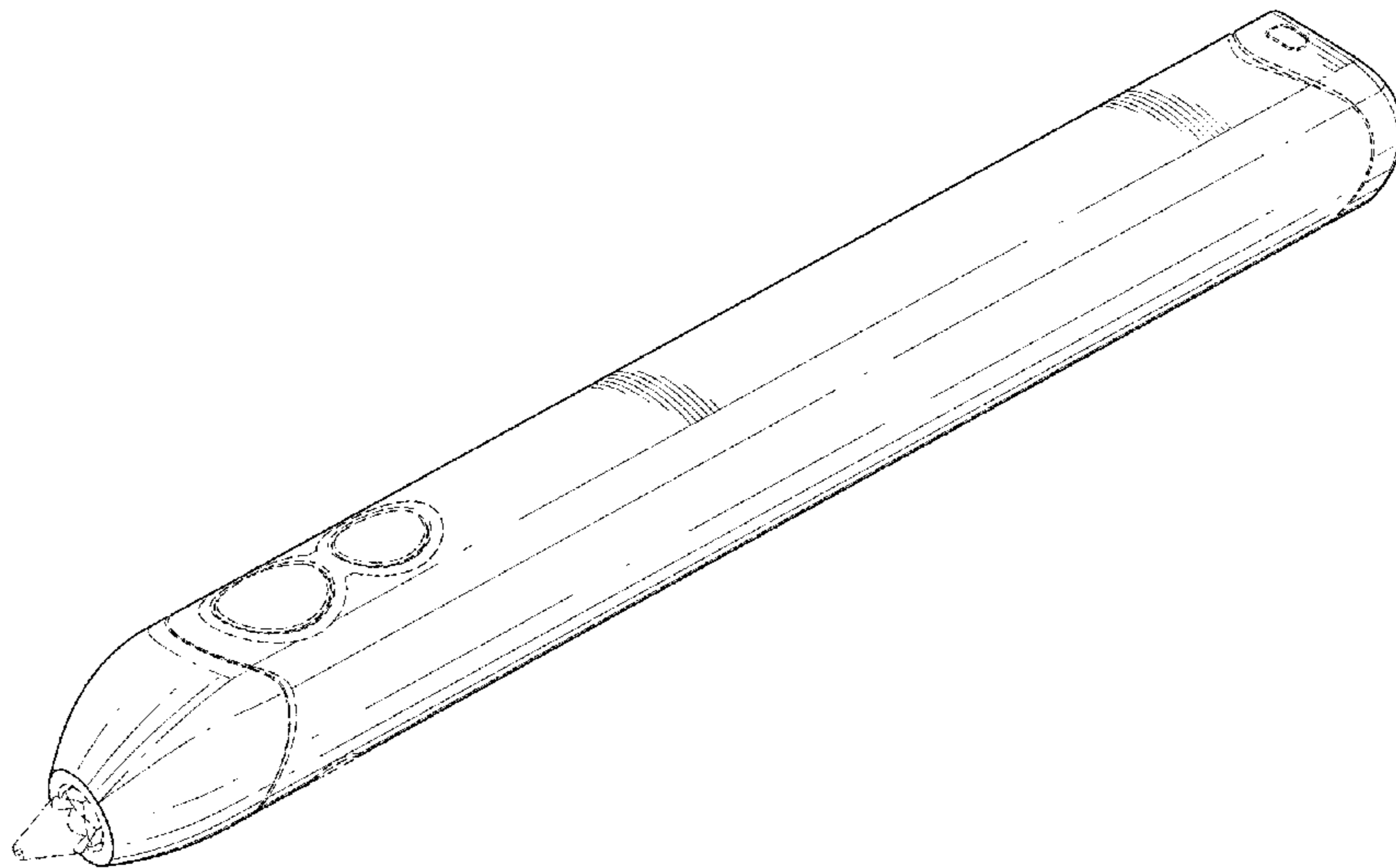
(57) **CLAIM**

The ornamental design for a drawing tool, as shown and
described.

DESCRIPTION

FIG. 1 is a front, top perspective view of a drawing tool
showing our new design;
FIG. 2 is a rear, bottom perspective view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a front elevational view thereof; and,
FIG. 8 is a rear elevational view thereof.
The broken lines in the Figures show portions of the drawing
tool which form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D688,790	S	*	8/2013	Guarraia	.....	D24/113
D688,791	S	*	8/2013	Guarraia	.....	D24/113
D688,792	S	*	8/2013	Guarraia	.....	D24/113
D691,137	S	*	10/2013	Yeon	.....	D14/411
D709,887	S	*	7/2014	Yagi	.....	D14/411
D714,386	S	*	9/2014	Au	.....	D19/204
D715,298	S	*	10/2014	Hong	.....	D14/411
D719,163	S	*	12/2014	Dowd	.....	D14/411
D720,348	S	*	12/2014	Robinson	.....	D14/411
9,067,458	B1		6/2015	Mock		
D744,037	S	*	11/2015	Matsumura	.....	D19/163
D749,173	S		2/2016	Walker et al.		
D754,129	S	*	4/2016	Kao	.....	D14/411
D770,453	S	*	11/2016	Sumsion	.....	D14/411
2012/0219699	A1		8/2012	Pettersson et al.		
2014/0154347	A1		6/2014	Dilworth et al.		

FOREIGN PATENT DOCUMENTS

EM	002315440-0001	9/2013
EM	002315440-0002	9/2013

OTHER PUBLICATIONS

“CreoPop-Cool Ink. Infinite Creativity,” Web page retrieved on Apr. 15, 2015 from www.indiegogo.com/projects/creopop-cool-ink-infinite-creativity.

“New OEM Model Leak!” Yaya Technology, Jan. 16, 2014, retrieved from www.yaya3dpen.com/?p=2939.

“iMakr 3D Printing Pen Review”, Jul. 28, 2014, retrieved from <http://3dprinterplans.info/imakr-3d-printing-pen-review/>.

“3D Pen OEM Version,” Yaya Technology, Web page retrieved on Apr. 15, 2015 from www.yaya3dpen.com/?page.sub.--id=3015.

Webpage, RainSun 3D Pen Feb. 14, 2014, retrieved from www.abs-production.ru/articles/115123.

Webpage including image of Ahiro-002A, Apr. 4, 2014, retrieved from <http://fm.homelan.lg.ua/?p=20675>.

Ahiro-002A Product description retrieved on Jun. 12, 2015 from <http://www.goodluckbuy.com/images/detailed.sub.--images2/file/Printer%20P-en.pdf>.

“Myriwell 3D Printing Pen Lets You Create 3D Models with Your Hand,” May 19, 2014, retrieved from gadgets.in.com/myriwell-3d-printing-pen-lets-you-create-3d-models-with-your-hand.htm.

“Lixpen, the smallest 3D printing pen,” Mar. 28, 2014, retrieved from www.3ders.org/articles/20140328-lixpen-the-smallest-3d-printing-pen.html.

“3DSIMO: The Amazing 3D Pen,” Sep. 25, 2013, retrieved from www.popular3dprinters.com/3dsimo-the-amazing-3d-pen/.

“3Dsimo: First multi-material 3D drawing pen,” Oct. 15, 2013, retrieved from www.3ders.org/articles/20131015-3dsimo-first-multi-material-3d-drawing-pen.html.

“Crowdsourcing Mornings: 3Dsimo—The Next Generation of 3D Pens,” Feb. 24, 2014, retrieved from www.geekalabama.com/2014/02/24/crowdsourcing-mornings-3dsimo-the-next-generation-of-3d-pens/.

Indiegogo campaign Web page, “3Dsimo—The Next Generation of 3D pens,” (stating “campaign ended on Mar. 1, 2014”), retrieved on Apr. 15, 2015 from www.indiegogo.com/projects/3dsimo-the-next-generation-of-3d-pens-4.

So, “Adobe’s first hardware in the form of a ‘cloud pen’ and digital ruler,” dated Nov. 1, 2013, retrieved from www.itbusiness.ca/news/adobes-first-hardware-comes-in-the-form-of-a-cloud-pen-and-digital-ruler/44527.

Bryant, “Adobe moves into hardware: Project Mighty ‘cloud pen’ and Project Napoleon ruler to launch in 2014,” Sep. 17, 2013, retrieved from www.thenextweb.com/gadgets/2013/09/17/adobe-moves-into-hardware-its-project-mighty-cloud-pen-and-project-napoleon-digital-ruler-will-launch-in-2014/.

“3D MakerPen—Handheld 3D Printer,” Web page retrieved Sep. 27, 2013 from [MakerGeeks.com](http://www.MakerGeeks.com), 2 pages.

MonUnivers3D: 3Ddoodler, a 3D drawing pen, Aug. 9, 2013, retrieved from <http://www.monunivers3d.com/1493>.

Donutman.sub.--2000 “Plastic Welding Gun (Plastruder MK4)” published Sep. 19, 2010, retrieved from <http://www.thingiverse.com/thing:4156>.

“RP400A 3D pen with OLED display,” JER Education Technology Co Ltd, Oct. 21, 2014, retrieved from http://www.jereducation.com/yw/cpzx_show.asp?pid=266.

“Polyes Q1 SLA-based 3D Printing Pen to Launch on Kickstarter in November,” Sep. 30, 2014, retrieved from www.3dprint.com/17201/polyes-q1-3d-printing-pen/.

“Polyes Q1—The Safest, Cool-Ink 3D Pen,” Dec. 21, 2014, retrieved from www.kickstarter.com/projects/1241980839/polyes-q1-the-safest-cool-ink-3d-pen/description.

Heater, “SwissPen 3D printing pen brings 3Doodler competition well before launch,” Aug. 21, 2013, retrieved from www.engadget.com/2013/08/21/swisspen/.

Fincher, “Move over 3Doodler—here comes the SwissPen,” Aug. 23, 2013, retrieved from <http://newatlas.com/swisspen-handheld-3d-printer/28799/>.

Techspan Group, “A range of Leister hand-held and automatic welders from Techspan,” Dec. 12, 2006, retrieved from <http://www.ferret.com.au/c/techspan-group/a-range-of-Leister-hand-held-automatic-welders-from-Techspan-n667443>.

* cited by examiner

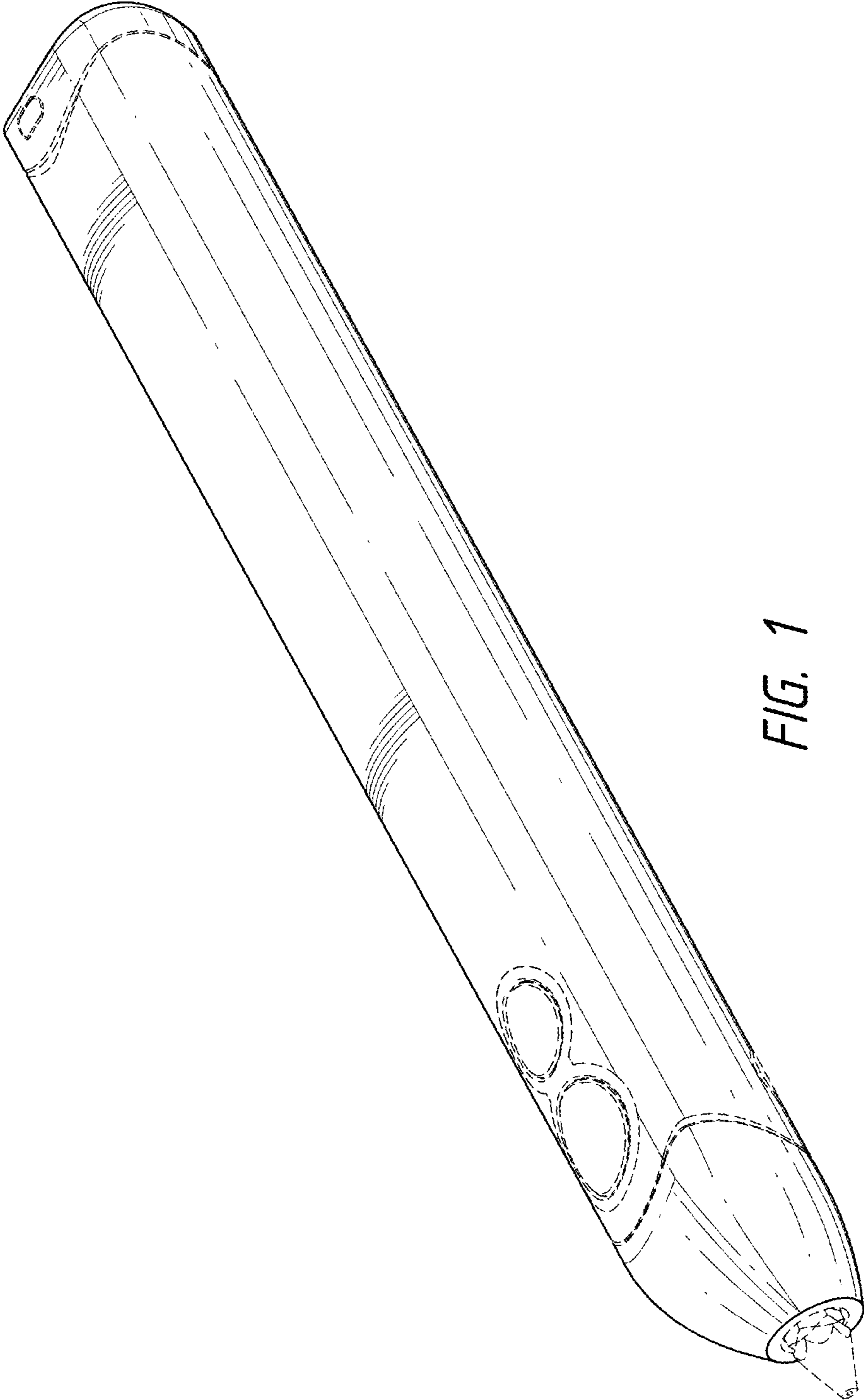


FIG. 1

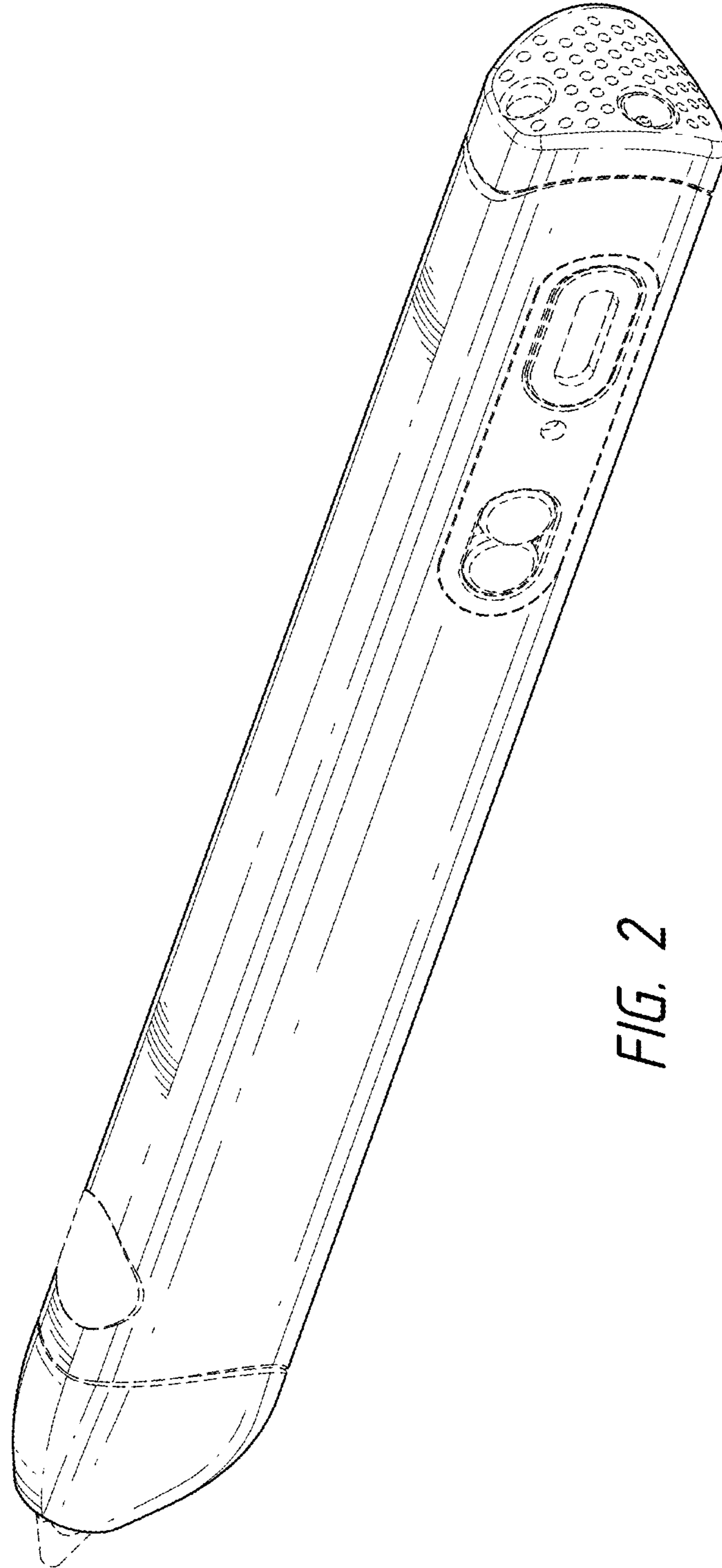


FIG. 2

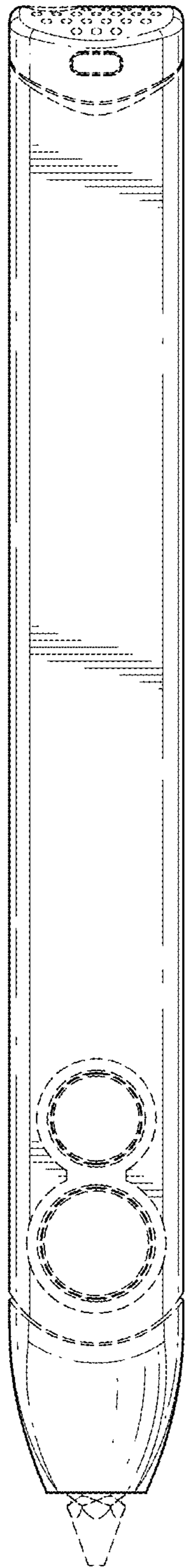


FIG. 3

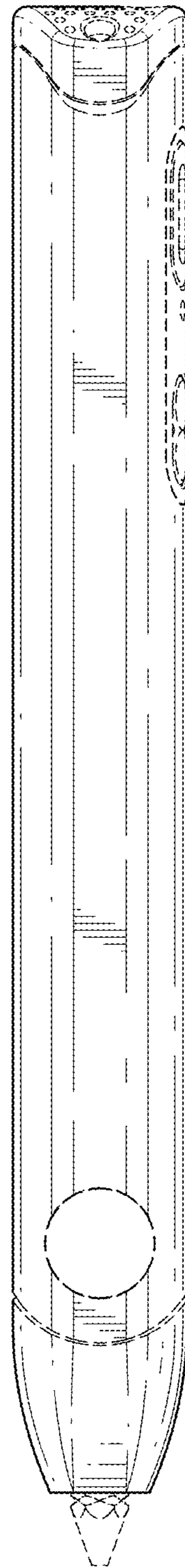


FIG. 4

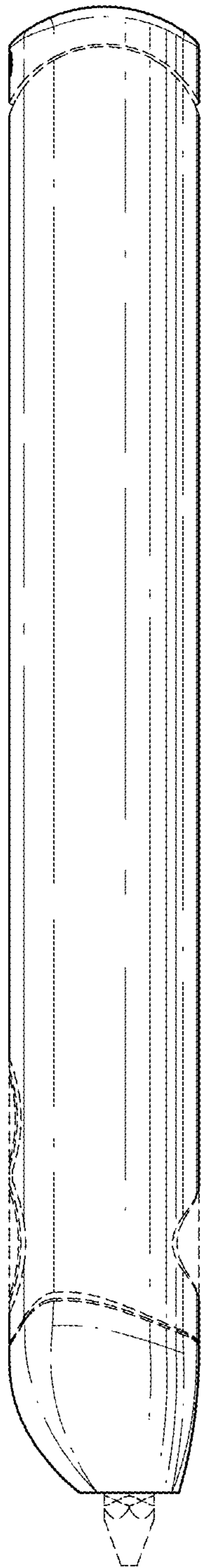


FIG. 5

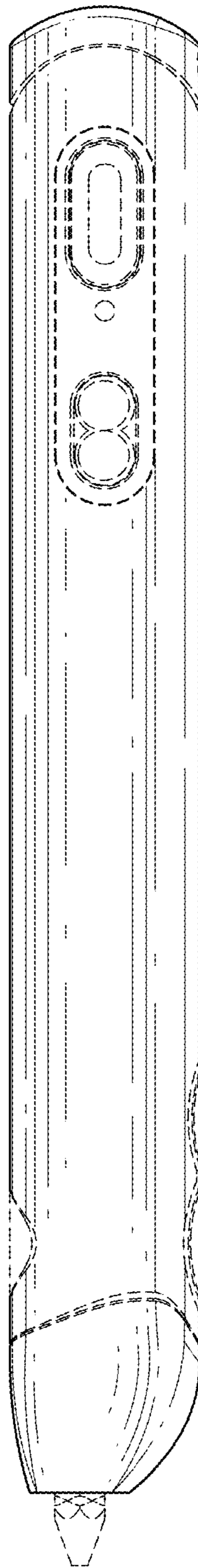


FIG. 6

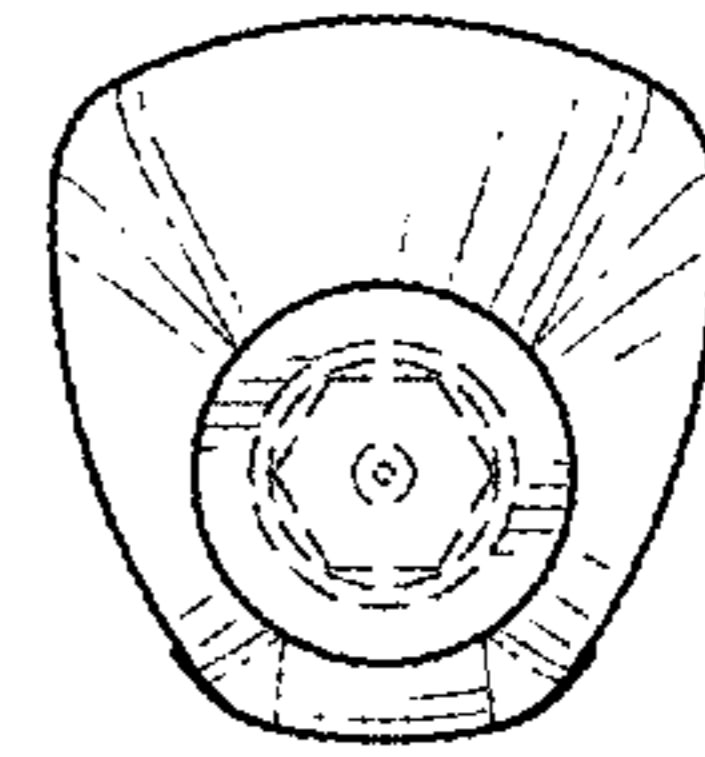


FIG. 7

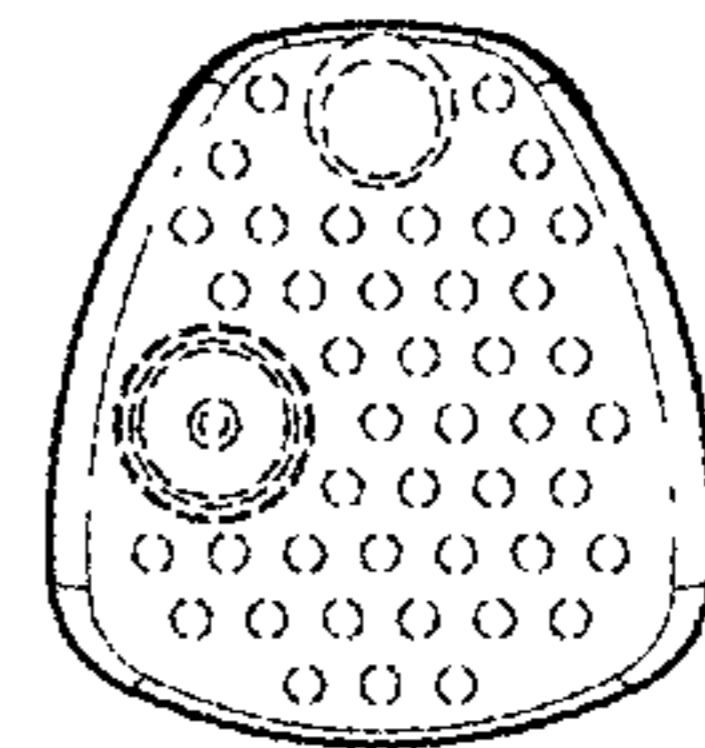


FIG. 8