



US00D787391S

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

(10) **Patent No.:** **US D787,391 S**

(45) **Date of Patent:** **** May 23, 2017**

(54) **STEERING WHEEL MOUNTED BRAKE CONTROLLER**

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(57) **CLAIM**

The ornamental design for a steering wheel mounted brake controller, as shown and described.

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DESCRIPTION

(73) Assignee: **FORD GLOBAL TECHNOLOGIES, LLC**, Dearborn, MI (US)

This application is related to U.S. patent application Ser. No. 14/248,078, entitled “Steering Wheel Mounted Trailer Brake Controllers and Systems,” and filed on Apr. 8, 2014; and to U.S. Design patent application Ser. No. 29/487,428, entitled “Brake Controller,” and filed on Apr. 8, 2014, the entire contents of each of which are incorporated by reference herein.

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

(21) Appl. No.: **29/487,425**

(22) Filed: **Apr. 8, 2014**

FIG. 1 is a front view of a first embodiment of a steering wheel mounted brake controller of our new design.

(51) **LOC (10) Cl.** **12-16**

FIG. 2 is an enlarged, partial front view of the steering wheel mounted brake controller of FIG. 1.

(52) **U.S. Cl.**

USPC **D12/177**

FIG. 3 is a back view of the steering wheel mounted brake controller of FIG. 1.

(58) **Field of Classification Search**

USPC D12/174, 179, 415, 419; D14/412, 413, D14/415, 416; D21/324, 328, 333;
(Continued)

FIG. 4 is a right side view of the steering wheel mounted brake controller of FIG. 1.

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FIG. 5 is a left side view of the steering wheel mounted brake controller of FIG. 1.

FIG. 6 is a top view of the steering wheel mounted brake controller of FIG. 1.

FIG. 7 is a bottom view of the steering wheel mounted brake controller of FIG. 1.

FIG. 8 is a front view of a second embodiment of a steering wheel mounted brake controller of our new design.

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FIG. 9 is a back view of the steering wheel mounted brake controller of FIG. 8.

FIG. 10 is a right side view of the steering wheel mounted brake controller of FIG. 8.

FIG. 11 is a left side view of the steering wheel mounted brake controller of FIG. 8.

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FIG. 12 is a top view of the steering wheel mounted brake controller of FIG. 8.

FIG. 13 is a bottom view of the steering wheel mounted brake controller of FIG. 8.

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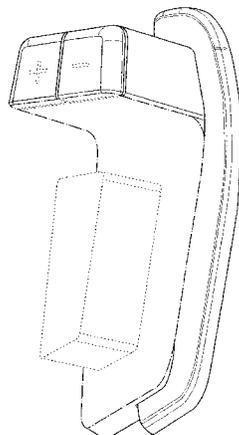


FIG. 14 is a front view of the steering wheel mounted brake controller of FIGS. 1-13 of our new design, shown without the environmental steering wheel structure illustrated in FIGS. 1-13.

FIG. 15 is a back view of the steering wheel mounted brake controller of FIG. 14.

FIG. 16 is a right side view of the steering wheel mounted brake controller of FIG. 14.

FIG. 17 is a left side view of the steering wheel mounted brake controller of FIG. 14.

FIG. 18 is a top view of the steering wheel mounted brake controller of FIG. 14.

FIG. 19 is a bottom view of the steering wheel mounted brake controller of FIG. 14.

FIG. 20 is a front view of a fourth embodiment of a steering wheel mounted brake controller of our new design.

FIG. 21 is a back view of the steering wheel mounted brake controller of FIG. 20.

FIG. 22 is a right side view of the steering wheel mounted brake controller of FIG. 20.

FIG. 23 is a left side view of the steering wheel mounted brake controller of FIG. 20.

FIG. 24 is a top view of the steering wheel mounted brake controller of FIG. 20; and,

FIG. 25 is a bottom view of the steering wheel mounted brake controller of FIG. 20.

In FIGS. 1-13, the portions of the figures shown in dashed lines depict an environmental steering wheel structure and are not part of the claimed design. In FIGS. 14-25, the portions of the figures shown in dashed lines depict portions of the steering wheel mounted brake controller that are not part of the claimed design, with the dot-dash broken line delineating a boundary between a claimed portion of the steering wheel mounted brake controller and an unclaimed portion of the steering wheel mounted brake controller.

1 Claim, 21 Drawing Sheets

(58) **Field of Classification Search**

USPC ... 74/473.12, 473.18, 473.23, 473.33, 473.3, 74/483 R, 489, 514, 523; D8/21, 25, 29, D8/300, 307-308, 310-312, 321; D6/512, 546, 550; D23/200, 238-257, D23/259-263
 CPC . B62D 1/00; B62D 1/046; B62D 1/12; B62D 1/14; G05G 1/01

See application file for complete search history.

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Notice of Allowance dated Jan. 30, 2017 from co-pending U.S. Appl. No. 29/487,428.

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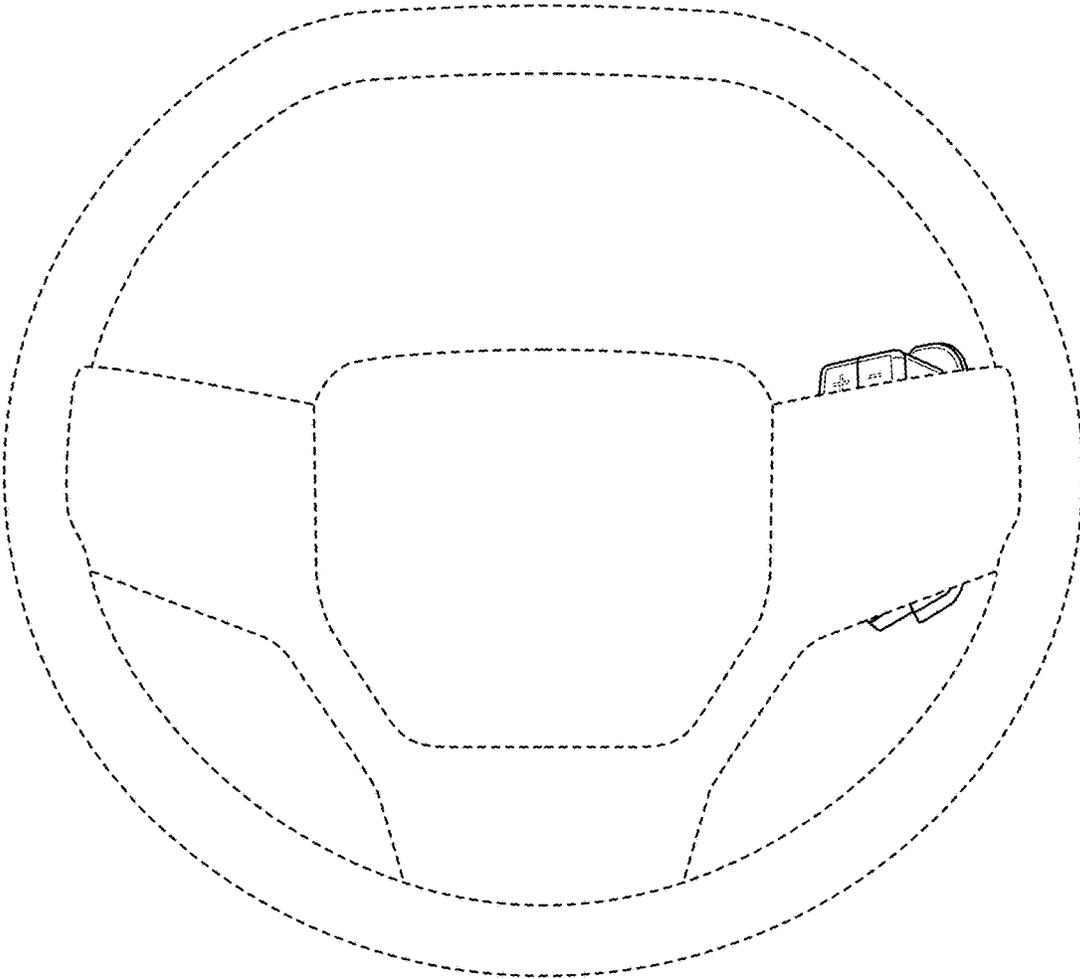


FIG. 1

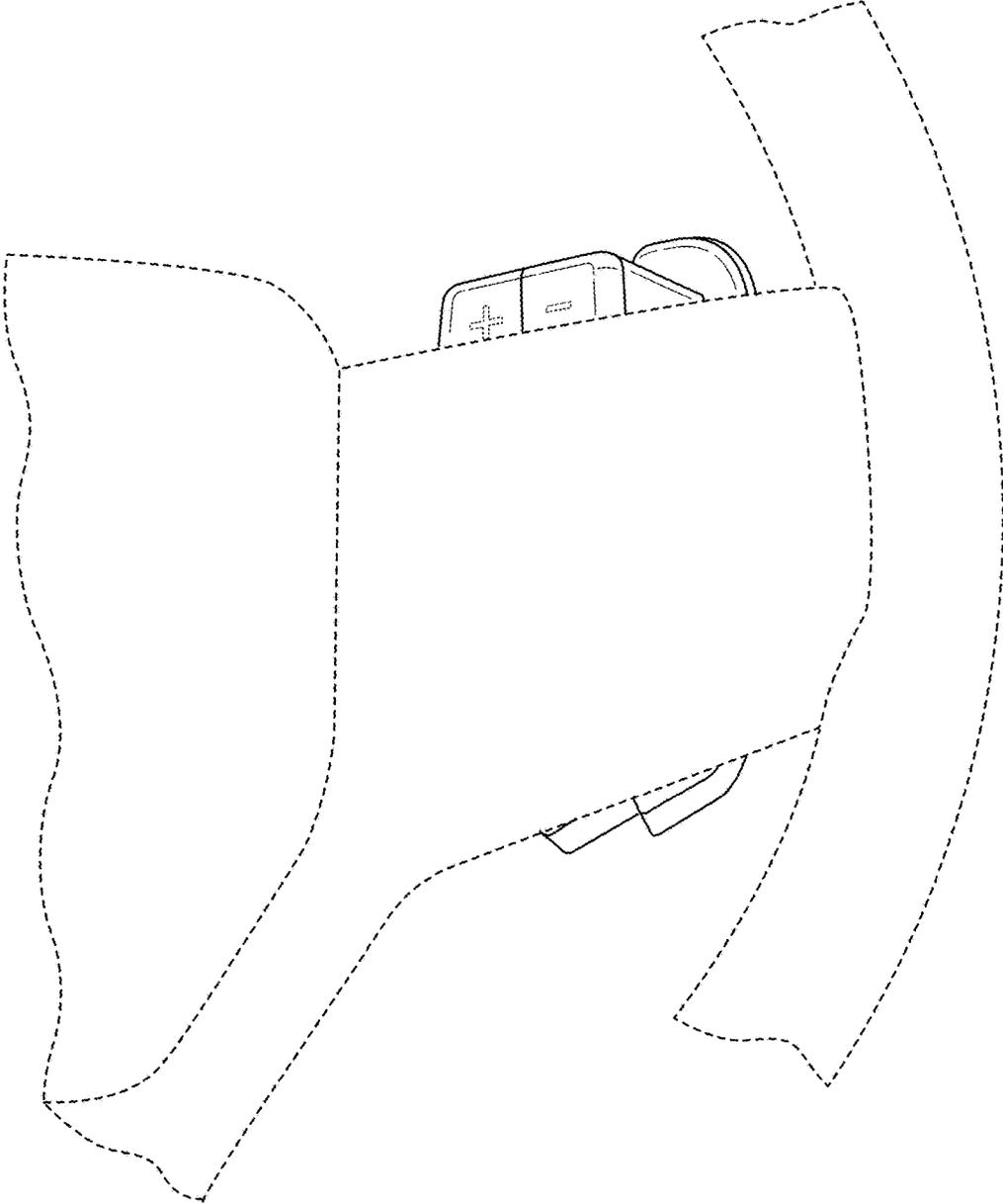


FIG. 2

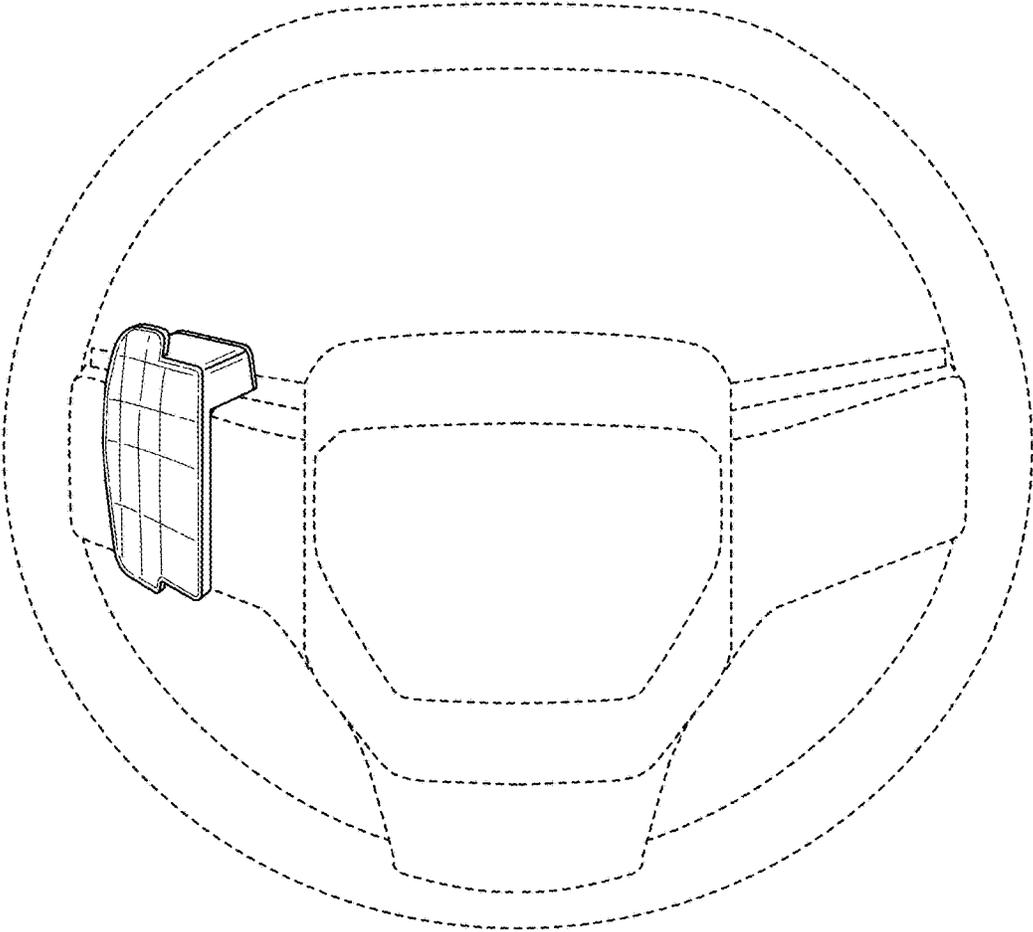


FIG. 3

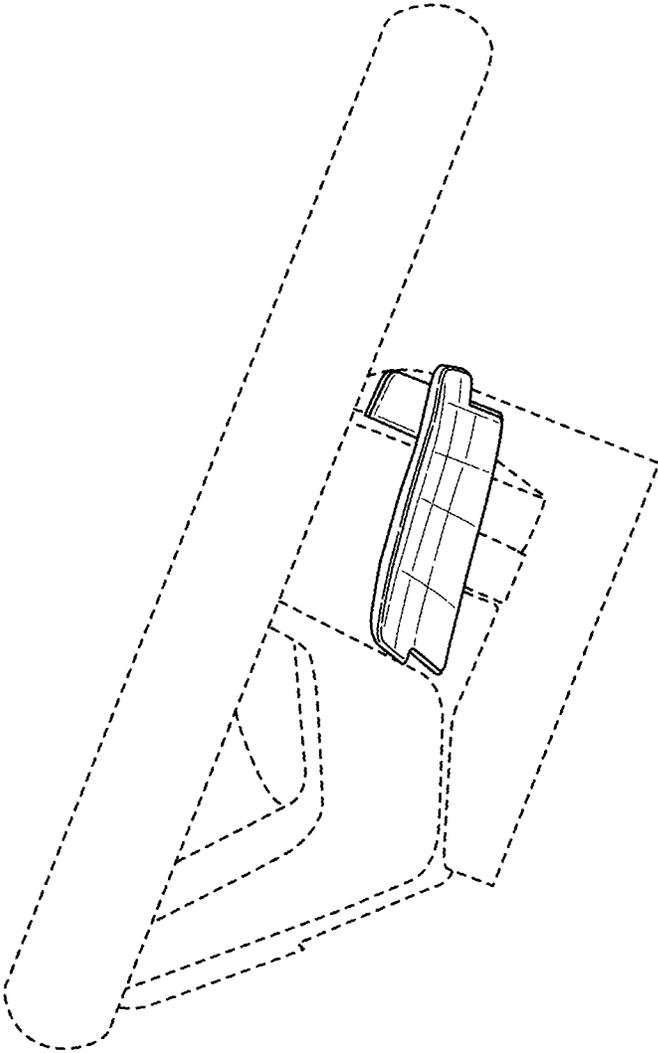


FIG. 4

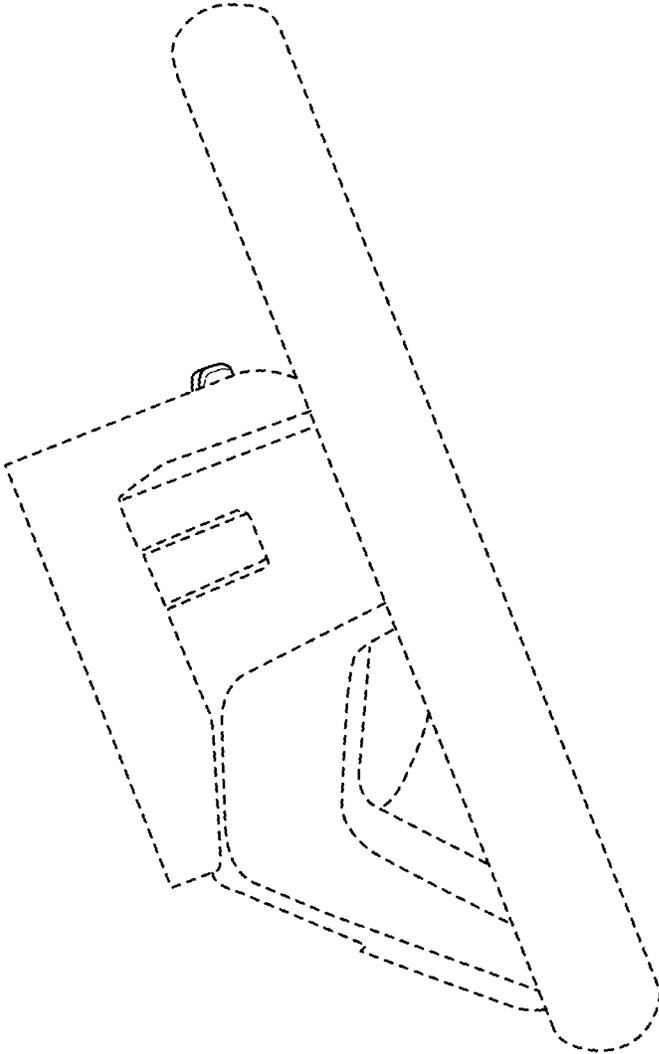


FIG. 5

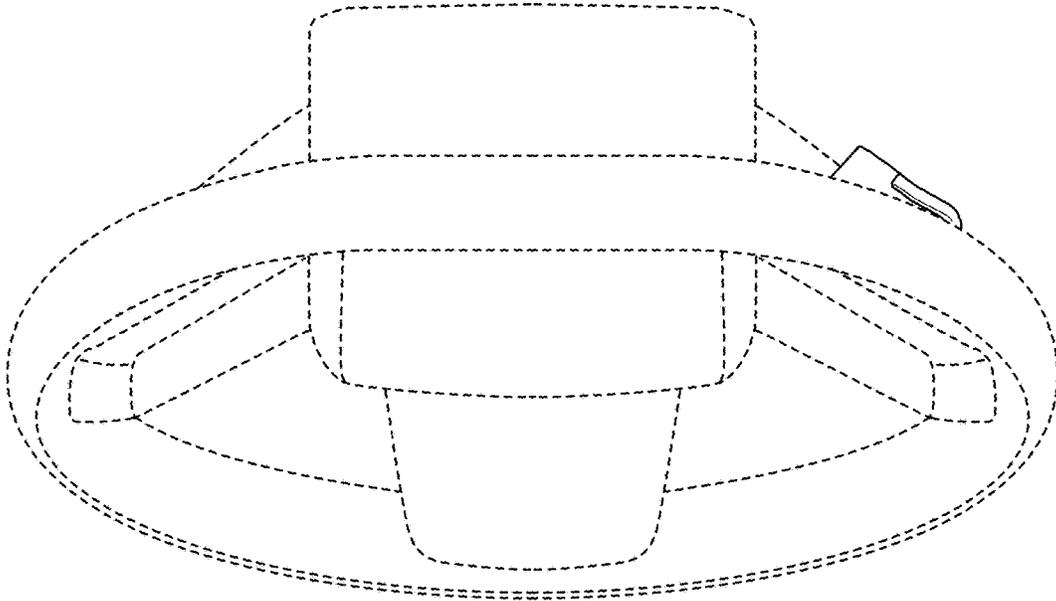


FIG. 6

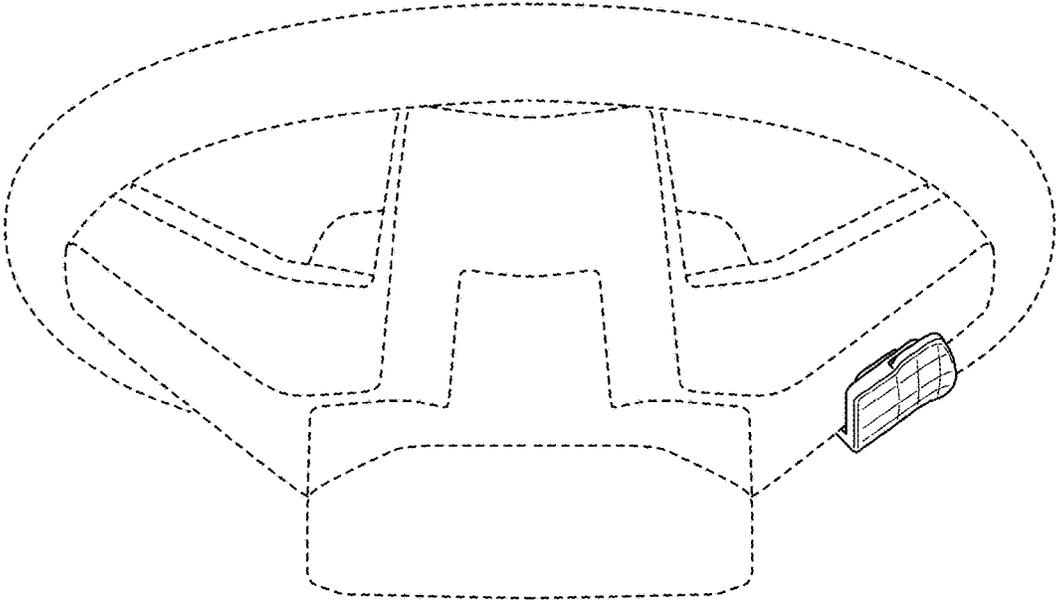


FIG. 7

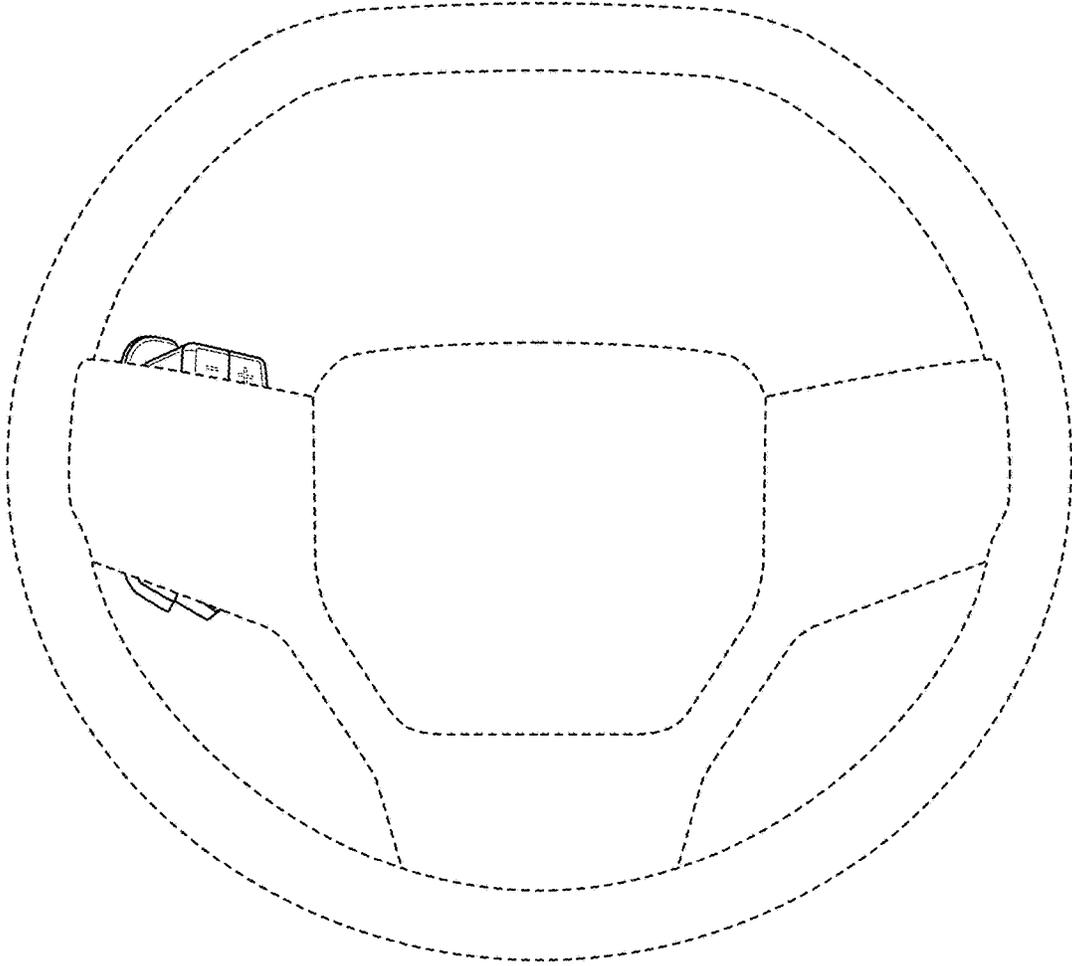


FIG. 8

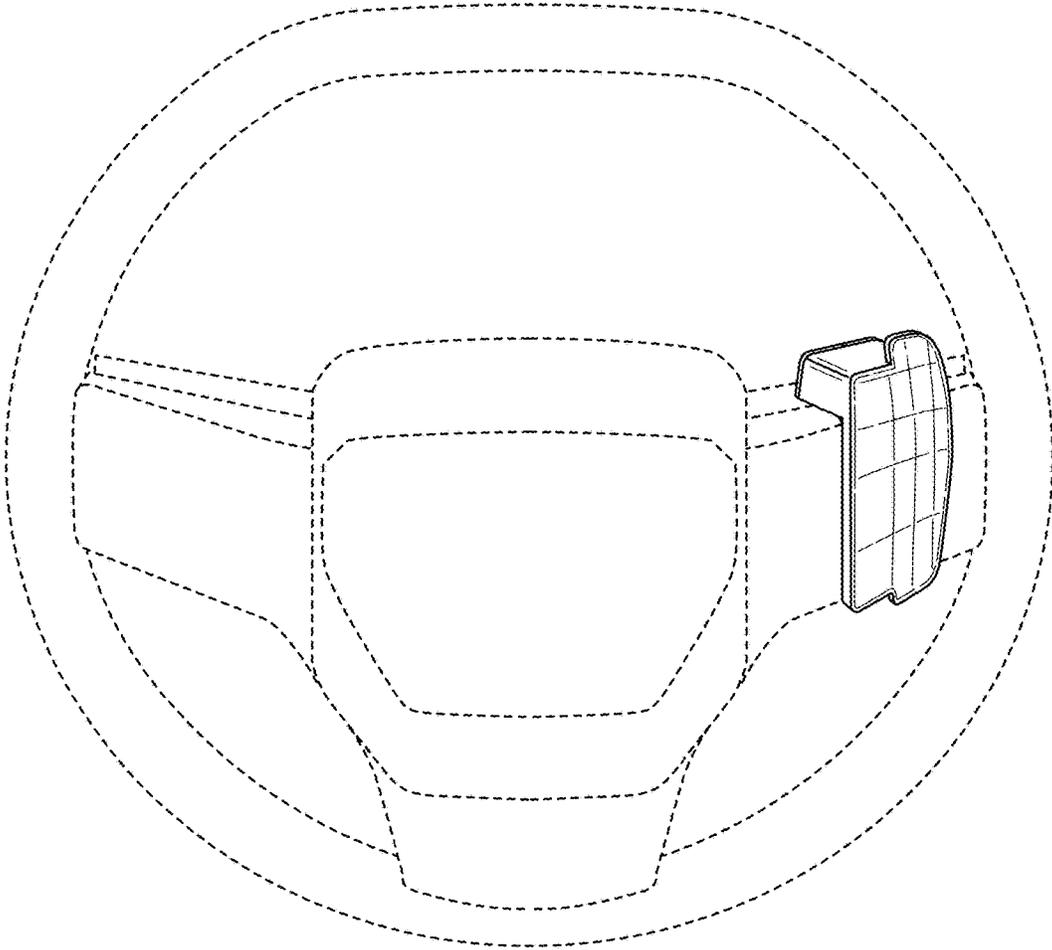


FIG. 9

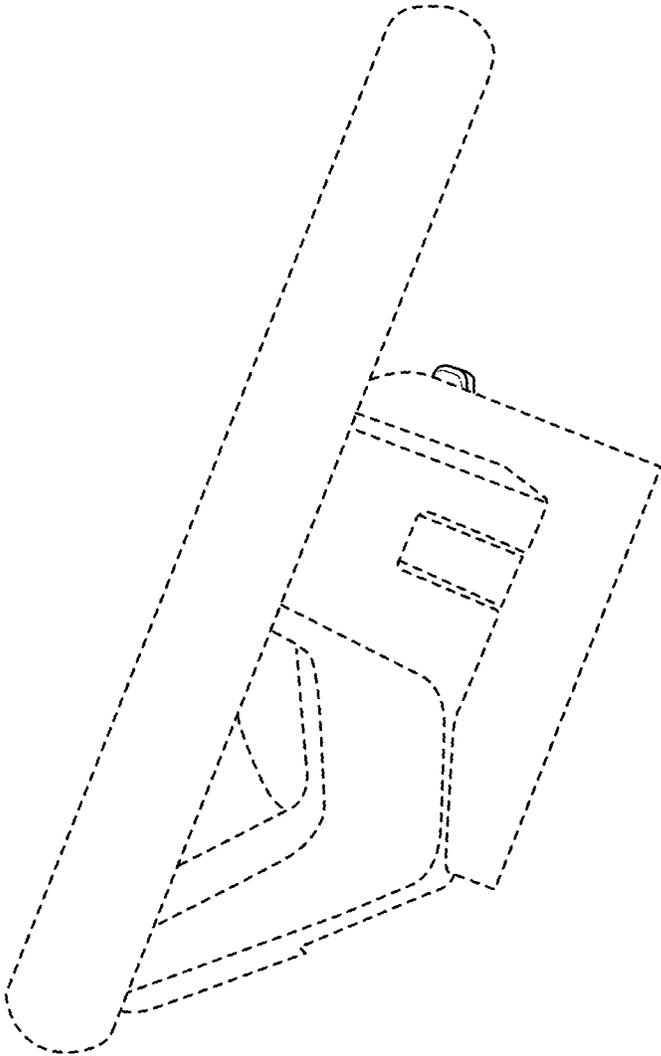


FIG. 10

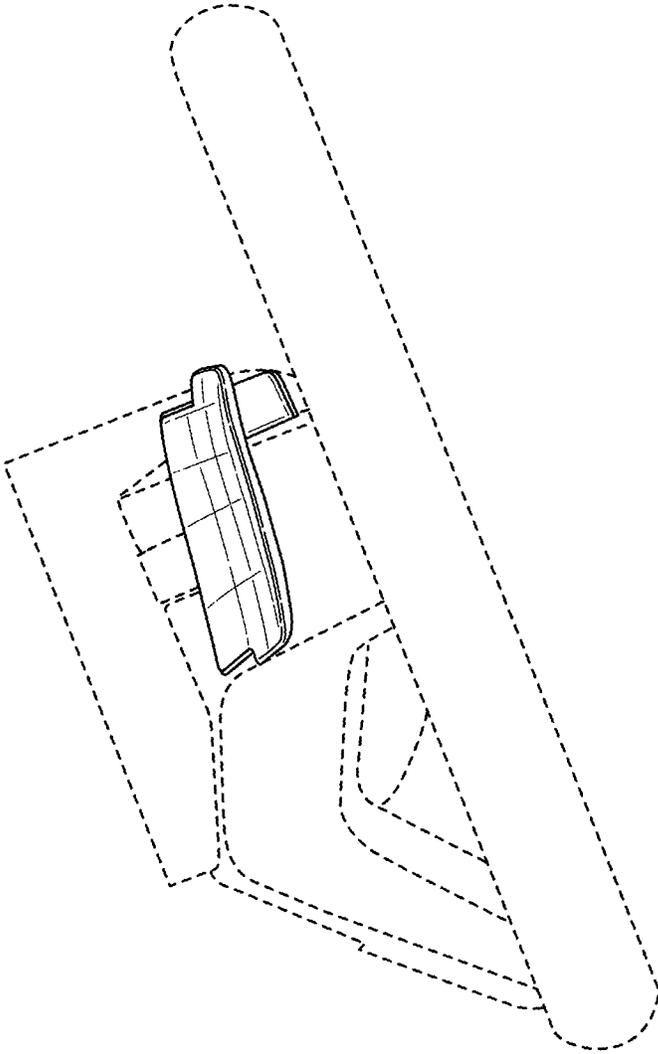


FIG. 11

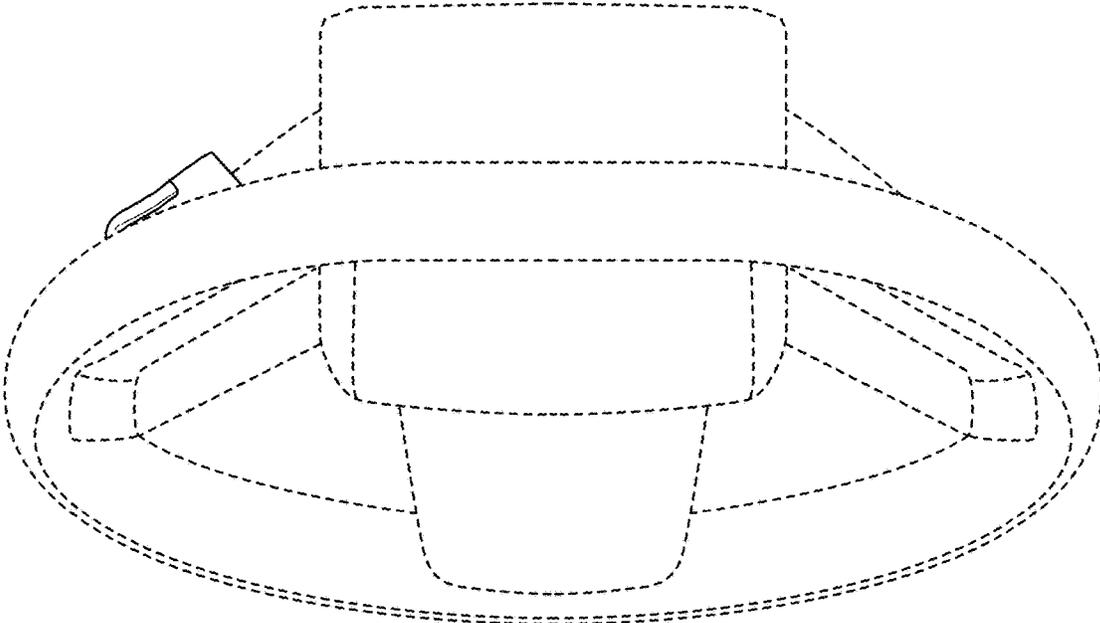


FIG. 12

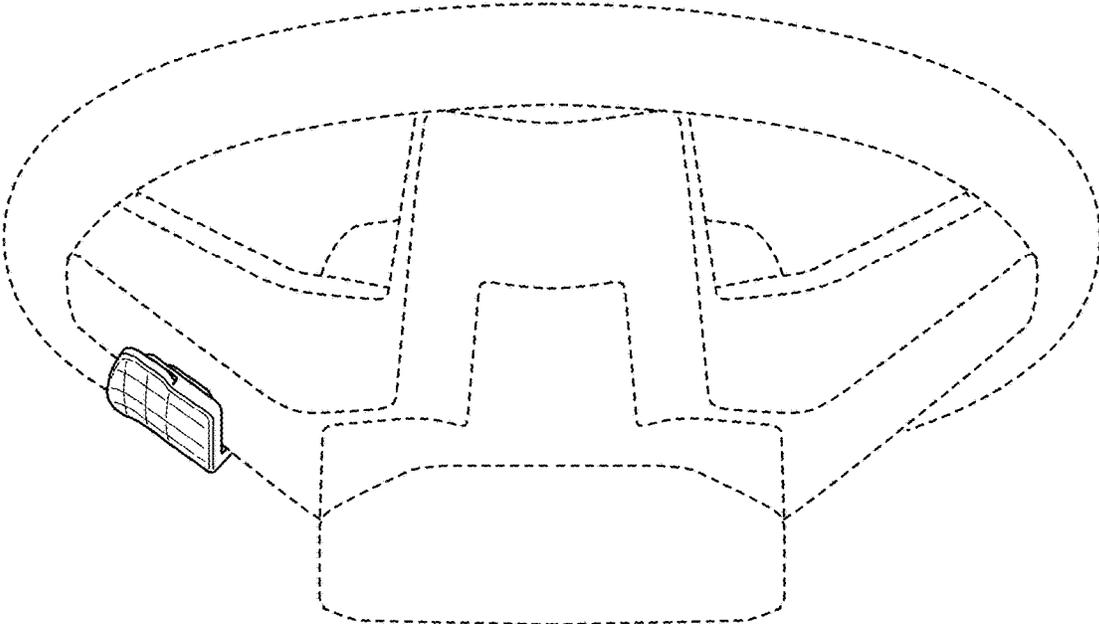


FIG. 13

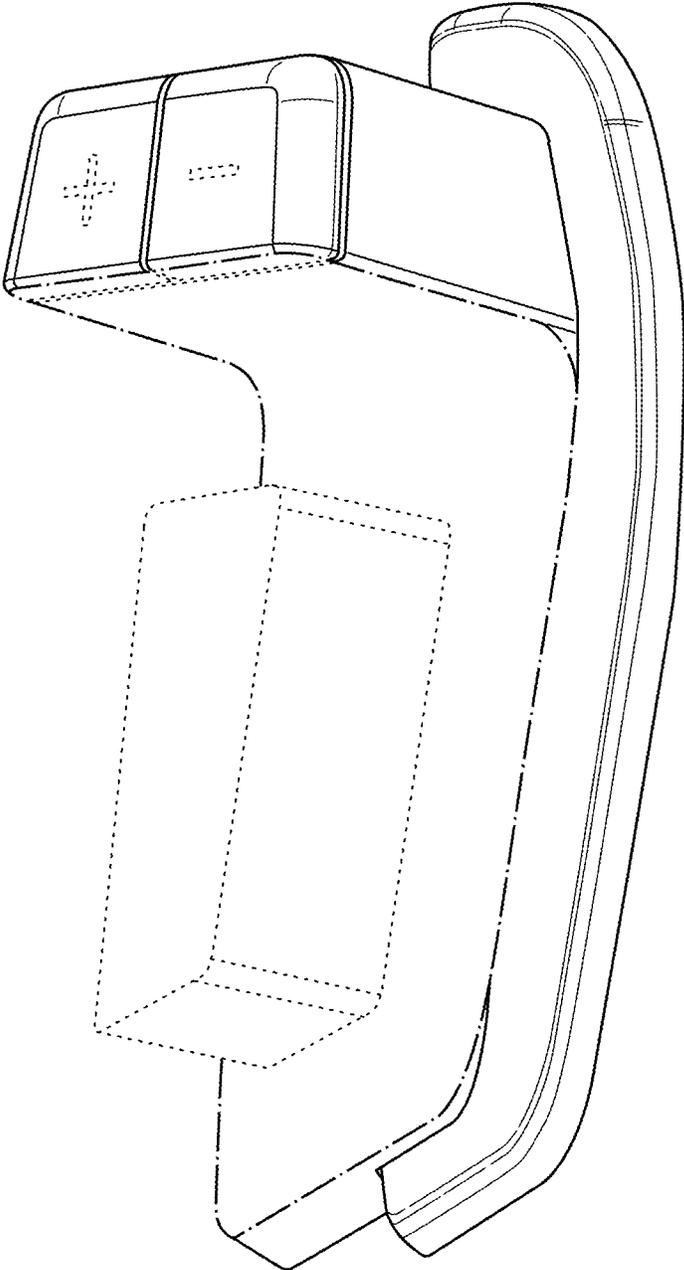


FIG. 14

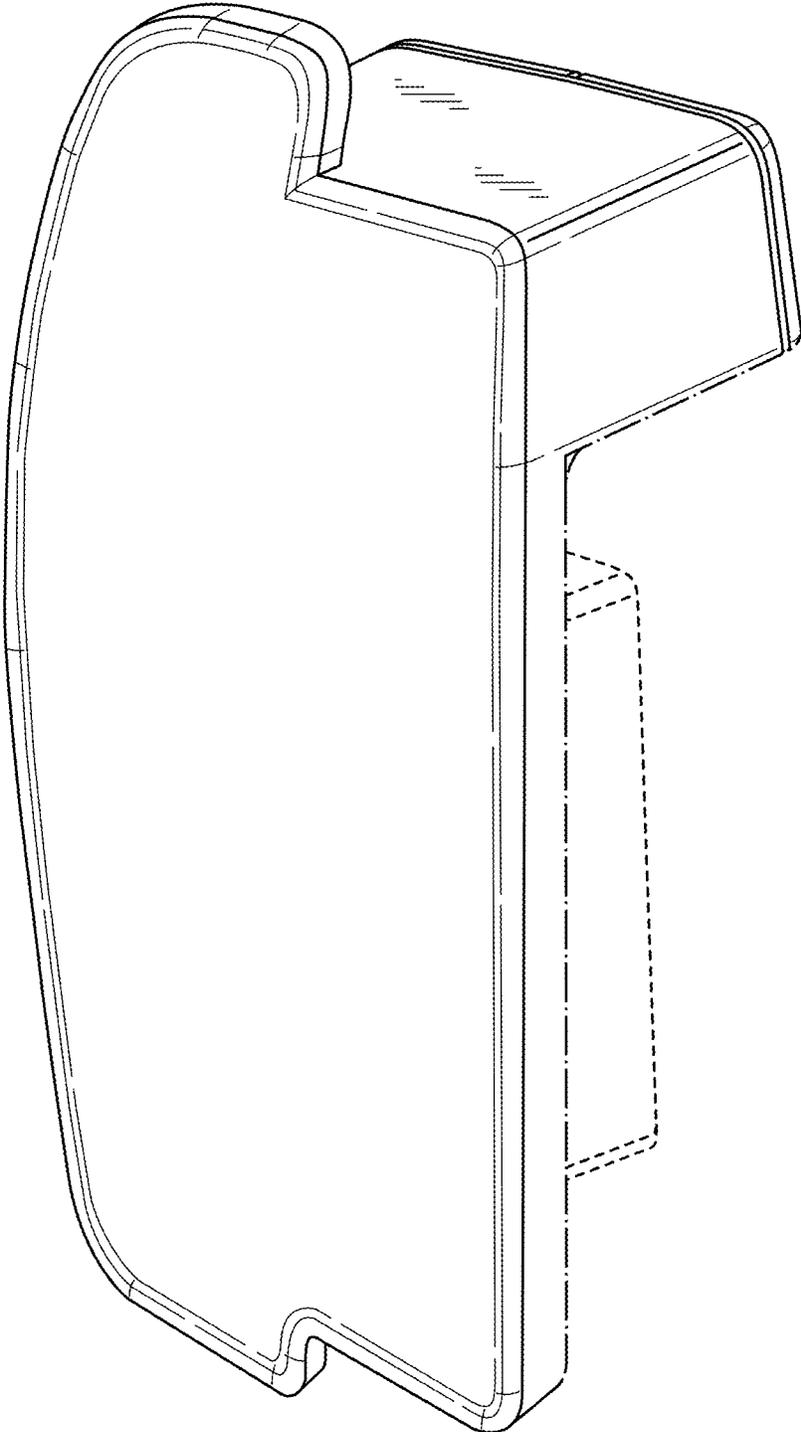


FIG. 15

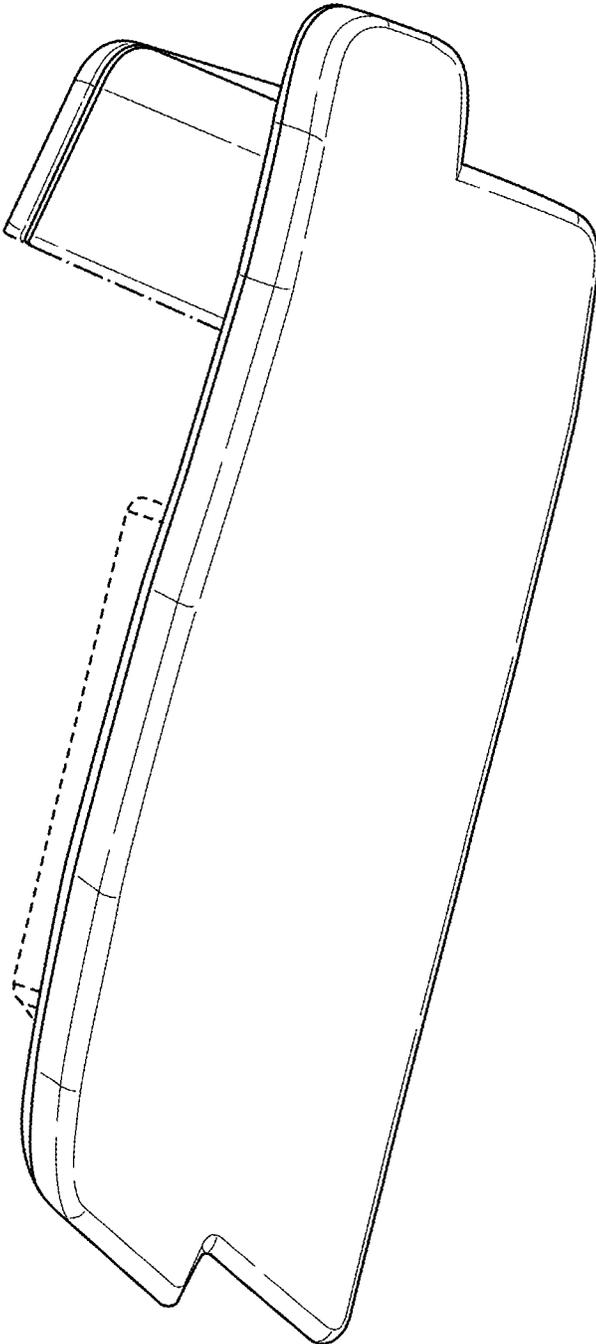


FIG. 16

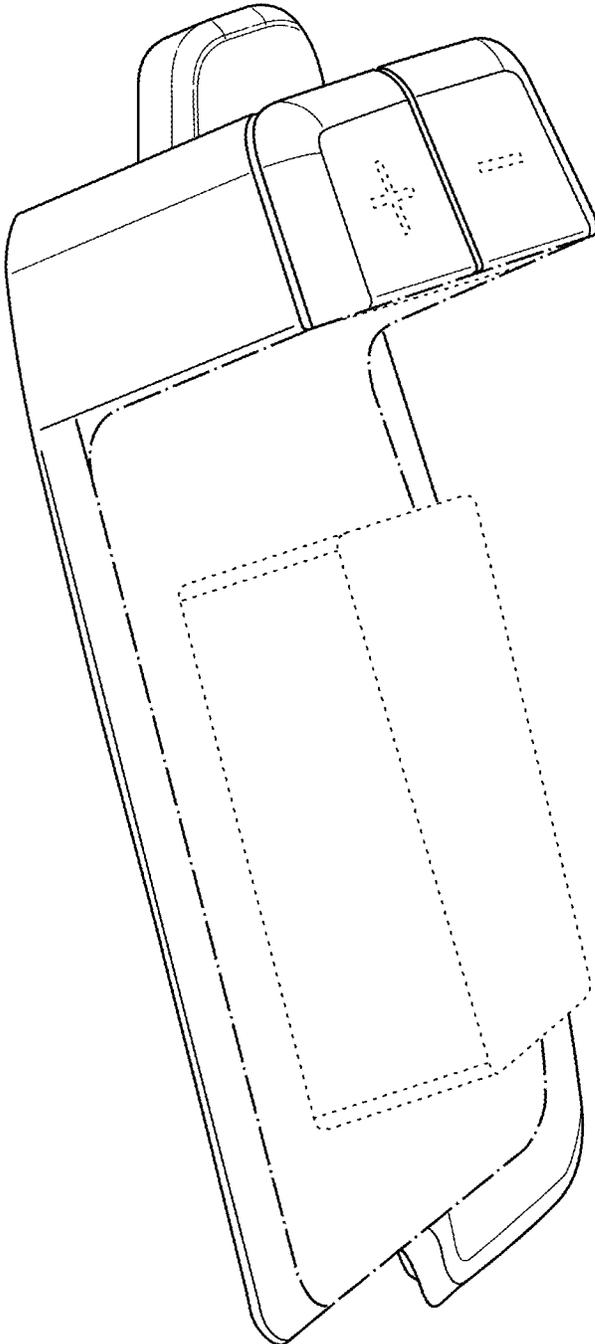


FIG. 17

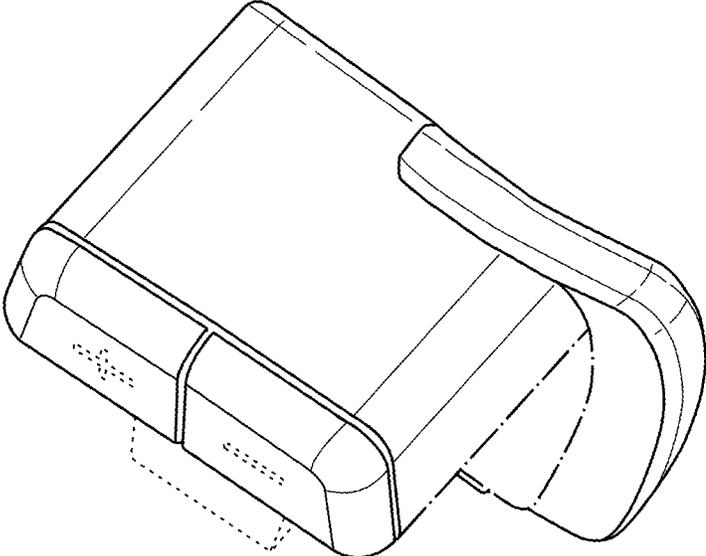


FIG. 18

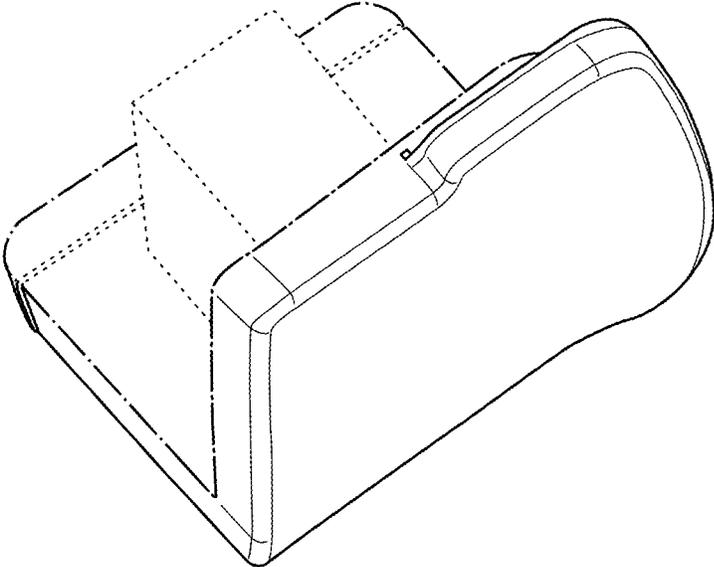


FIG. 19

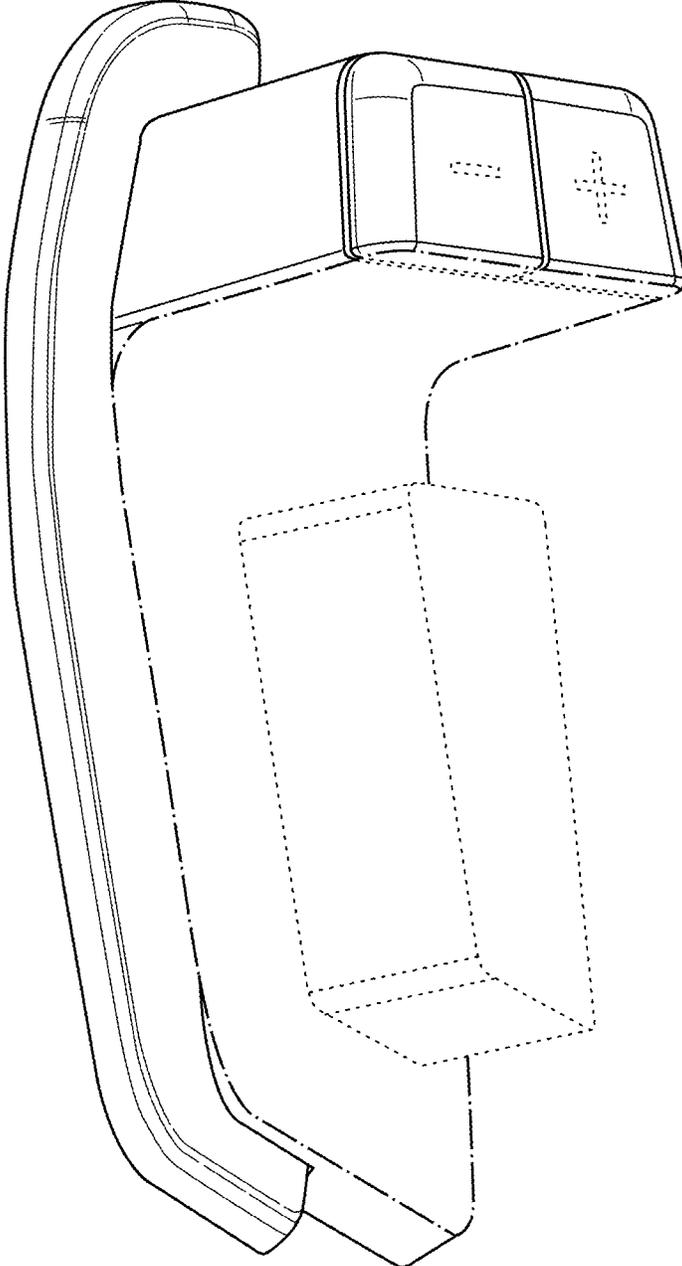


FIG. 20

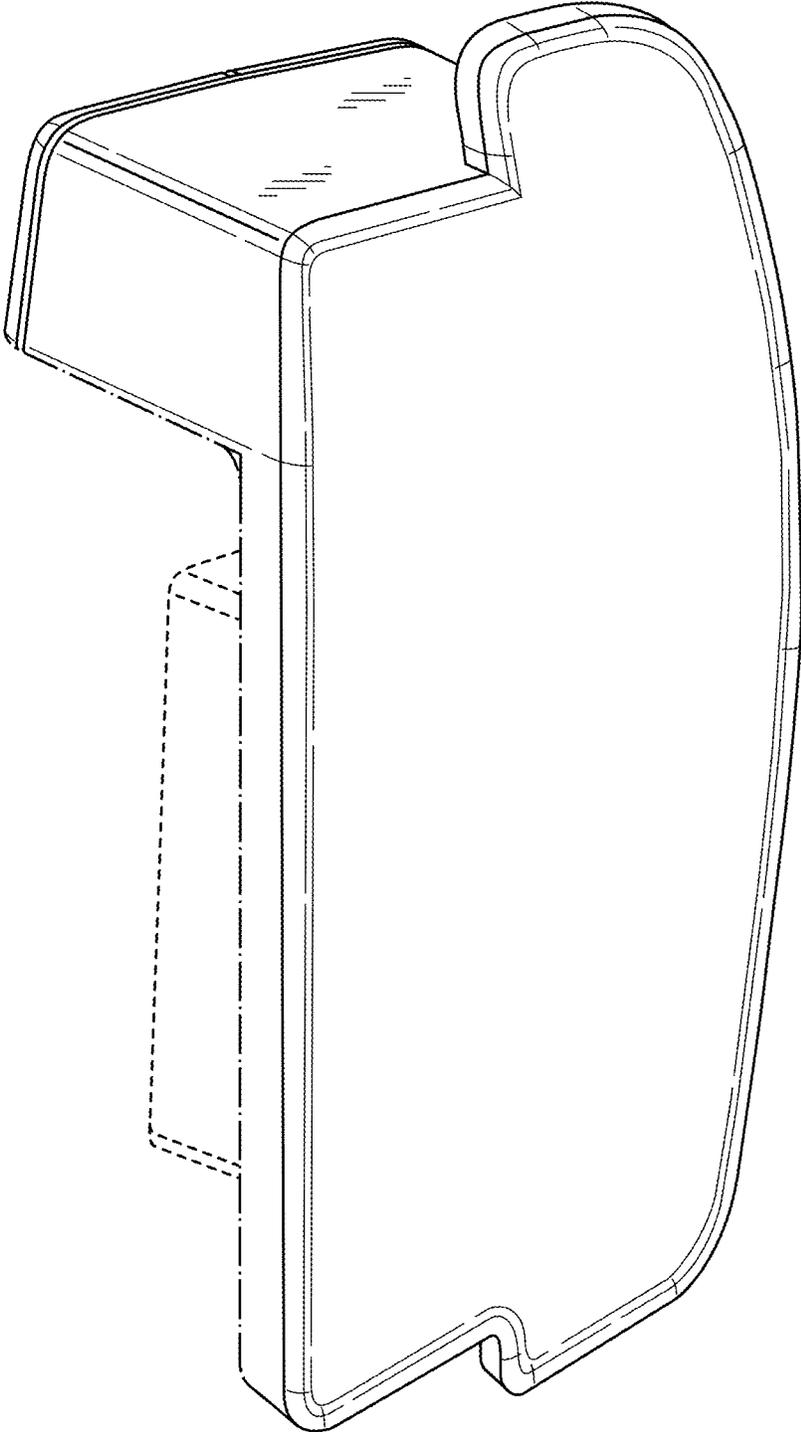


FIG. 21

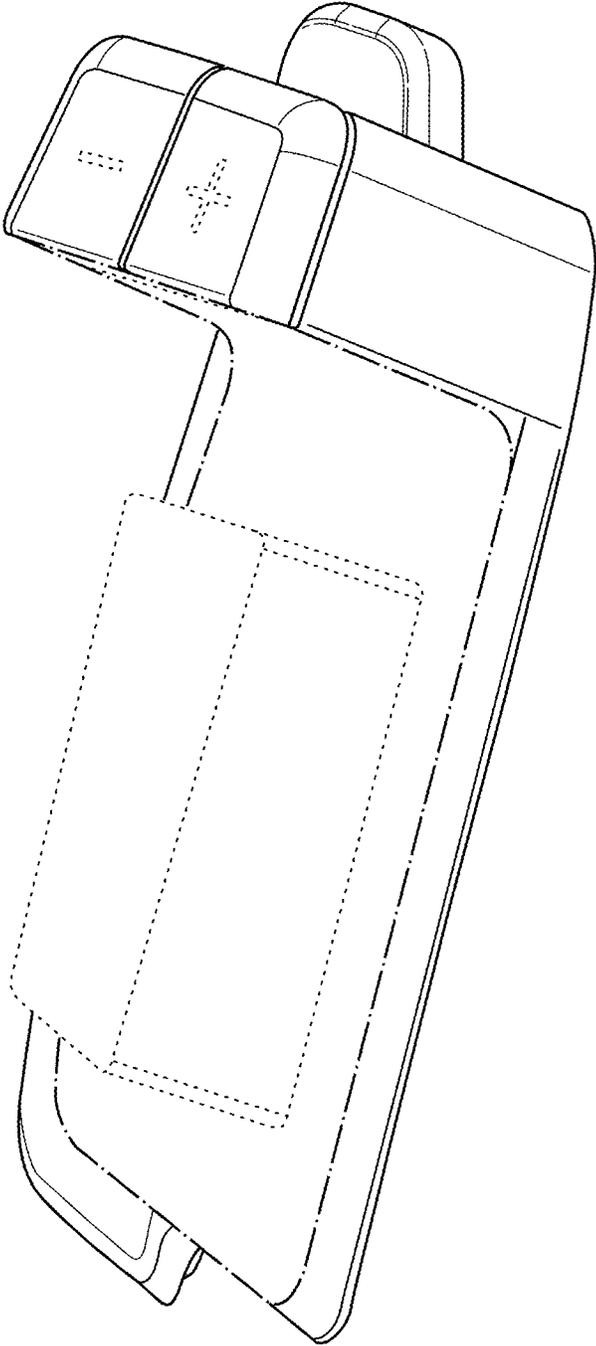


FIG. 22

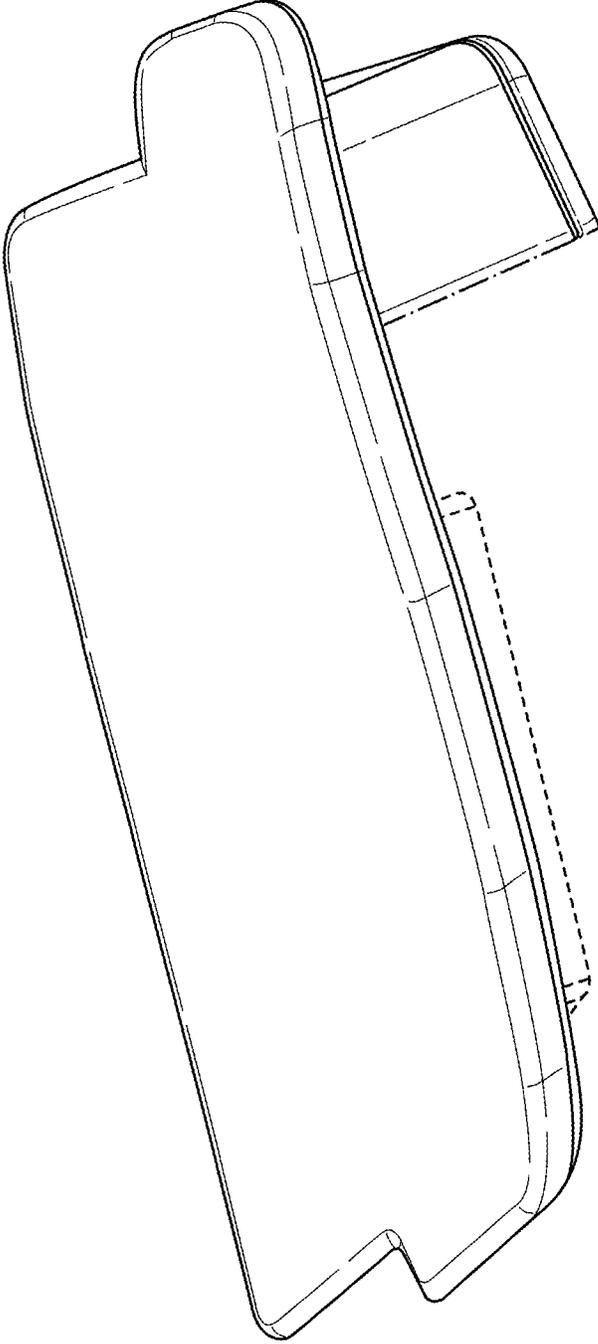


FIG. 23

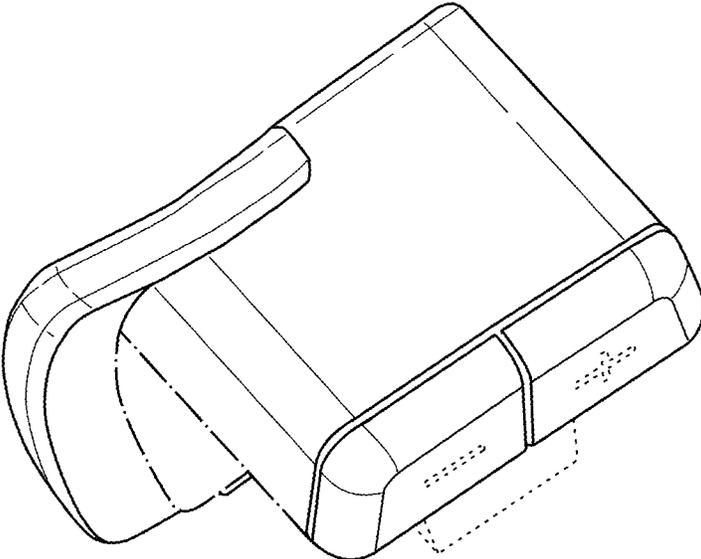


FIG. 24

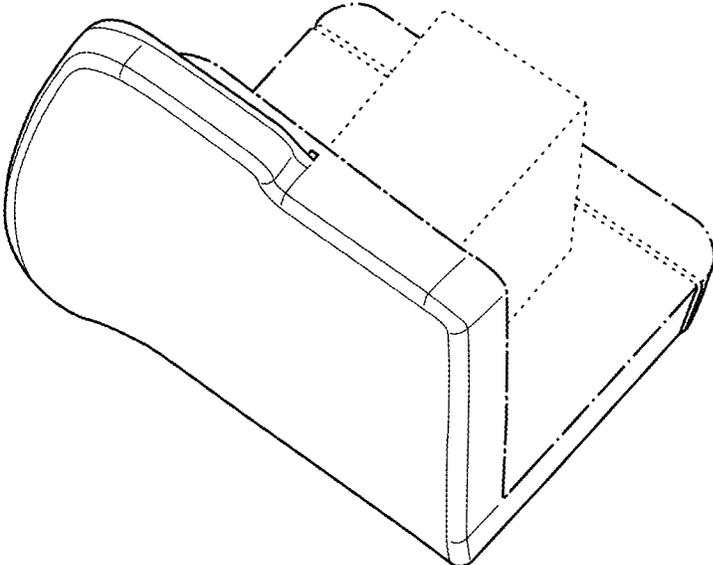


FIG. 25