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

(10) **Patent No.: US D982,594 S**

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(54) **CLUSTER DISPLAY SCREEN OR PORTION THEREOF WITH A TRANSITIONAL GRAPHICAL USER INTERFACE**

D916,730 S * 4/2021 Losch D14/485
D920,370 S * 5/2021 Wong D14/486
D921,670 S * 6/2021 Kim D14/486

(Continued)

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OTHER PUBLICATIONS

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Ponomaryov, Vadim. "Car Dashboard concept." Dribbble, published Feb. 13, 2017 (Retrieved from the Internet Mar. 22, 2022). Internet URL: <(Year: 2017).*

(Continued)

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

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(21) Appl. No.: **29/739,431**

(57) **CLAIM**

(22) Filed: **Jun. 25, 2020**

The ornamental design for a cluster display screen or portion thereof with a transitional graphical user interface, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Dec. 26, 2019 (KR) 30-2019-0063036

(51) **LOC (14) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/485**

(58) **Field of Classification Search**
USPC D14/485–495
CPC B60K 37/00; G08G 1/0962; G08F 1/123
See application file for complete search history.

FIG. 1 is a front view of a cluster display screen or portion thereof with a transitional graphical user interface showing a first state of our new design;

FIG. 2 is a first reference view showing a second state in accordance with a first embodiment of our new design;

FIG. 3 is a second reference view showing a second state in accordance with a second embodiment of our new design; and,

FIG. 4 is a third reference view showing a second state in accordance with a third embodiment of our new design.

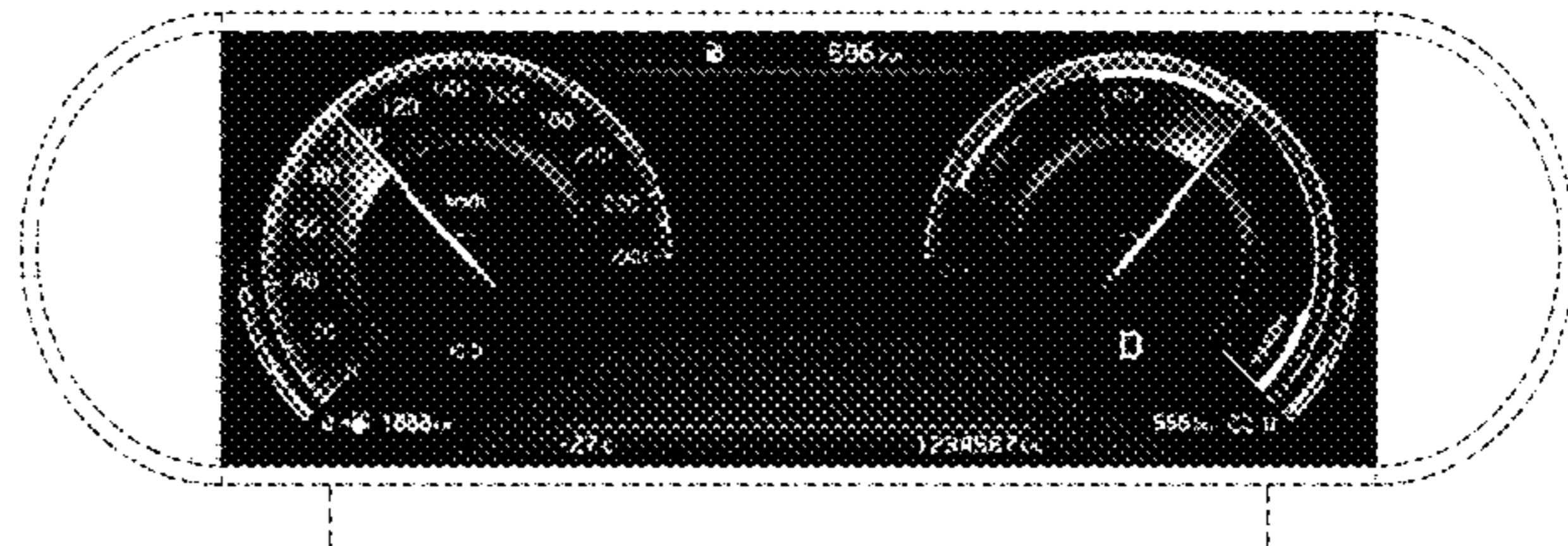
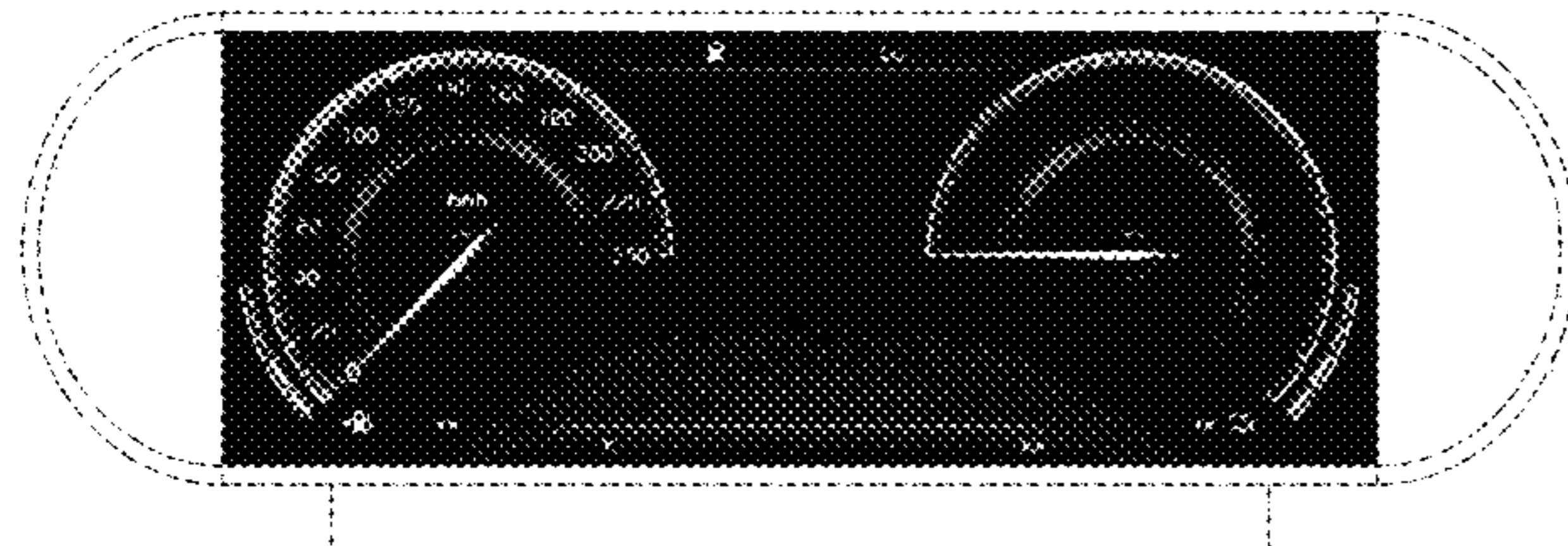
The broken lines illustrate portions of an instrument cluster that form no part of the claimed design. The appearance of the transitional image sequentially transitions between the images of the first and second states as shown in FIGS. 1-4. The process or period in which one image transitions to another image forms no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D555,164 S * 11/2007 Sergio D14/486
D586,353 S * 2/2009 Lee D14/485
D719,180 S * 12/2014 Liang D14/486
D723,582 S * 3/2015 Green D14/486
9,776,513 B2 * 10/2017 Ha G06F 3/04842
D847,199 S * 4/2019 Whitmore D14/488
D854,548 S * 7/2019 Ro D14/485
D915,453 S * 4/2021 Meier B60K 35/00
D14/488

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D941,321 S * 1/2022 Nishikawa B60K 35/00
D14/486
D941,322 S * 1/2022 Nishikawa B60K 37/06
D14/486
D941,323 S * 1/2022 Nishikawa G06T 13/00
D14/486
D942,482 S * 2/2022 Nishikawa B60K 35/00
D14/486
2008/0309475 A1 * 12/2008 Kuno B60K 35/00
340/462
2014/0181759 A1 * 6/2014 Kim B60K 37/06
715/863
2015/0177956 A1 * 6/2015 Han B60K 35/00
715/771
2017/0227759 A1 * 8/2017 Kobayashi B60K 35/00
2019/0066368 A1 * 2/2019 Paul G06T 13/00
2019/0248240 A1 * 8/2019 Fujita B60K 35/00

OTHER PUBLICATIONS

Lo Manto, Matteo. "In-car User interfaces: who does it better?"
glueglue, published Mar. 2017 (Retrieved from the Internet Mar. 22,
2022). Internet URL :<[https://www.glueglue.com/blog/car-ux-ui-
design/](https://www.glueglue.com/blog/car-ux-ui-design/)> (Year: 2017).*

“重新崛起？续航超 400km，深度测试红旗首款电动车 E-HS3.” PCAuto,
published Oct. 23, 2019 (Retrieved from the Internet Mar. 22, 2022)
Internet URL: <[https://www.pcauto.com.cn/hj/article/290984.
html](https://www.pcauto.com.cn/hj/article/290984.html)> (Year: 2019).*

* cited by examiner

FIG. 1

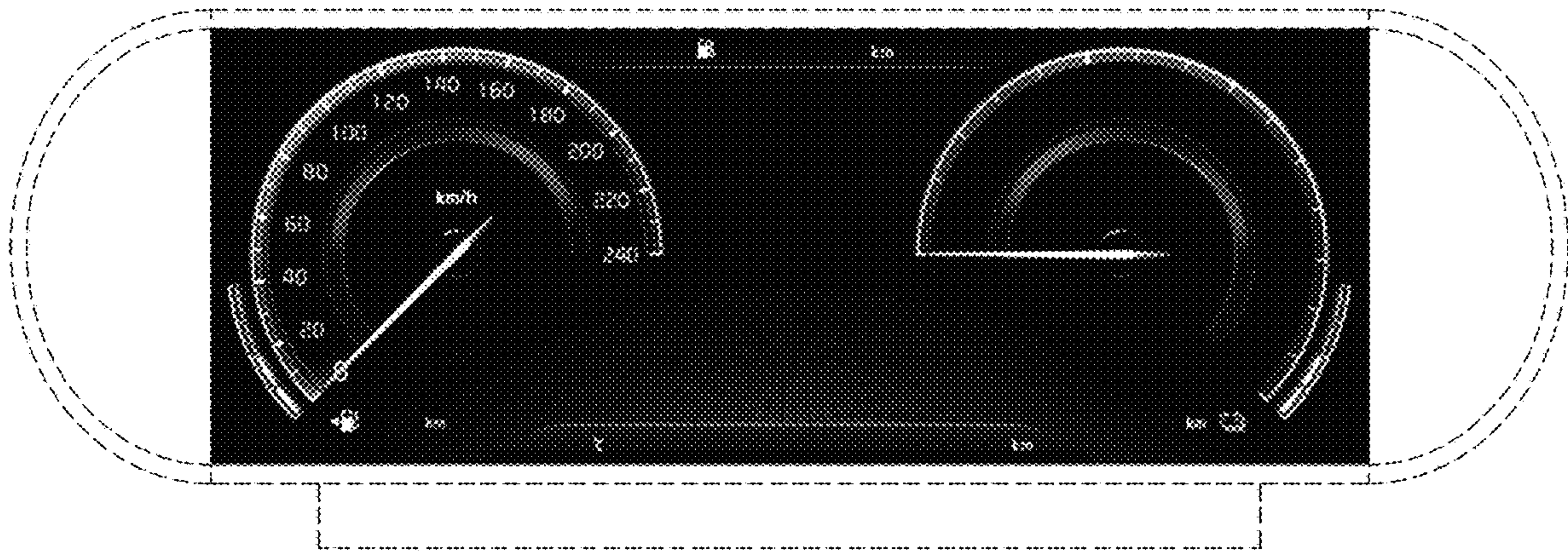


FIG. 2

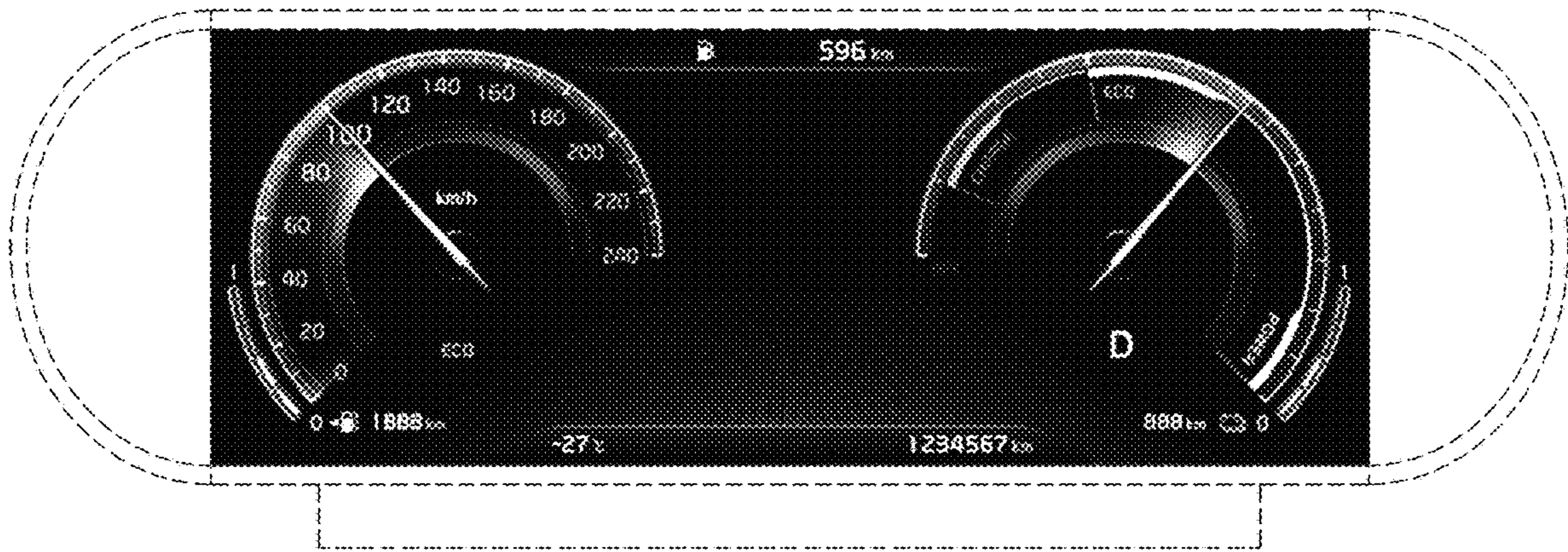


FIG. 3

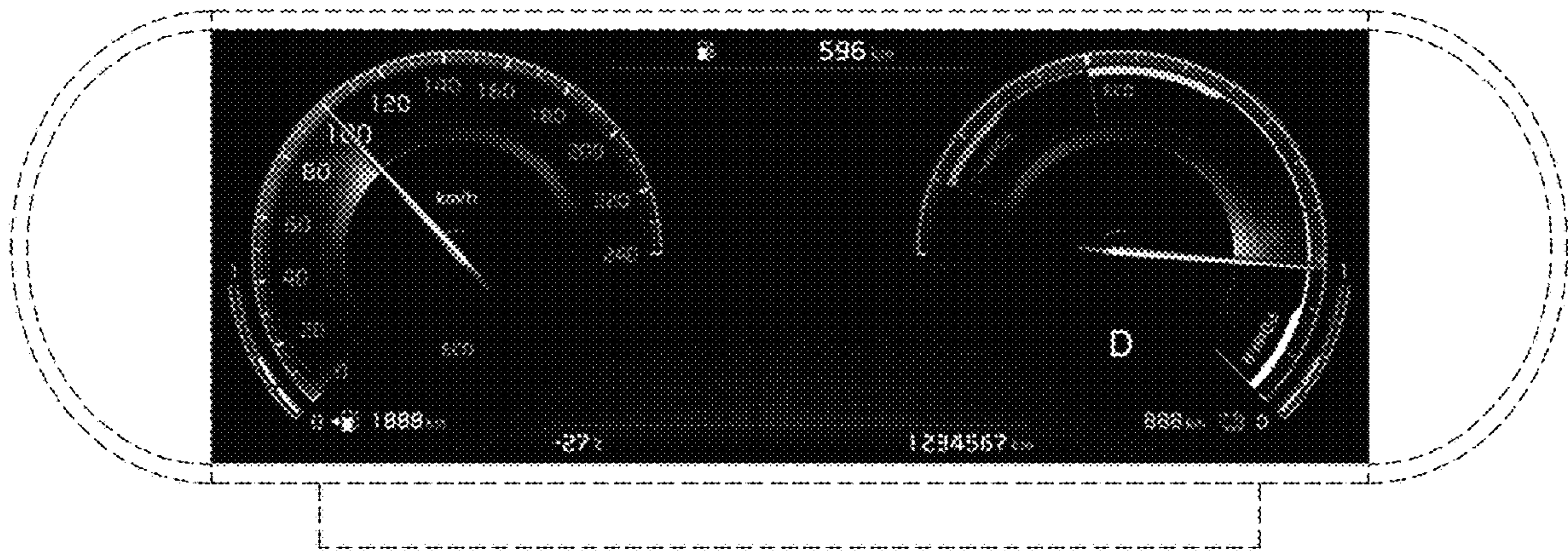


FIG. 4

