US00D916115S

(12) United States Design Patent

Jeon et al.

(10) Patent No.: US D916,115 S
(45) Date of Patent: ** Apr. 13, 2021

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

(71) Applicant: **HYUNDAI MOBIS CO., LTD.**, Seoul (KR)

(72) Inventors: **Bong Geun Jeon**, Yongin-si (KR); **Hyung Soo Kim**, Yongin-si (KR); **Seo Hyun Kim**, Yongin-si (KR); **Min Hee Kim**, Yongin-si (KR); **Bo Young Park**, Yongin-si (KR)

(73) Assignee: **HYUNDAI MOBIS CO., LTD.**, Seoul (KR)

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

(21) Appl. No.: **29/712,858**

(22) Filed: **Nov. 12, 2019**

(30) **Foreign Application Priority Data**

May 13, 2019 (KR) 30-2019-0022266

(51) **LOC (13) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/486**

(58) **Field of Classification Search**
USPC D14/485–495; D12/192
CPC G06F 3/048; G06F 3/0481; G06F 3/04812; G06F 3/04817; G06F 3/0482; G06F 3/0483; G06F 3/0484; G06F 3/04847; G06F 3/0485; G06F 3/04855; G06F 3/04886; G06Q 30/00; H03J 1/00; H03J 1/0008;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D384,341 S * 9/1997 Hoffman D10/102
D452,693 S * 1/2002 Mitchell D14/492
(Continued)

OTHER PUBLICATIONS

Rong, Blake Z. "How Does A Heads-Up Display Work?" roadandtrack.com. Nov. 22, 2016. Accessed Nov. 15, 2020. Available online at URL: Figs. 1 and 3 show broken line subject matter directed to the environment of the design, e.g. an instrument cluster containing the display screen portion. (Year: 2016).*
(Continued)

Primary Examiner — Christian P. McLean
(74) *Attorney, Agent, or Firm* — Knobbe Martens Olson & Bear LLP

(57) **CLAIM**

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

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

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

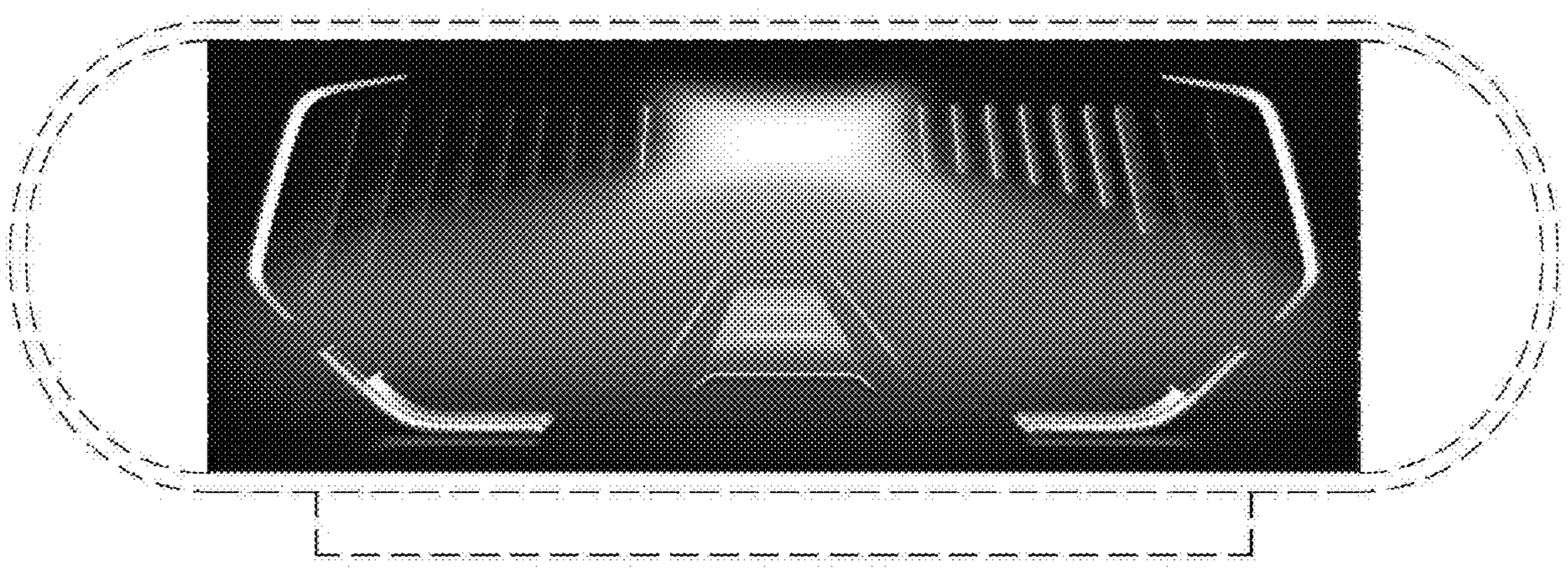
FIG. **2** is an enlarged view of FIG. **1**, with the claimed subject matter shown separately for clarity of illustration;

FIG. **3** is a front view of a cluster display screen or portion thereof with a graphical user interface showing the cluster display screen or portion thereof in a second embodiment; and,

FIG. **4** is an enlarged view of FIG. **3**.

The broken line showings of an instrument cluster illustrate the environment of the design and form no part of the claimed design.

1 Claim, 2 Drawing Sheets
(2 of 2 Drawing Sheet(s) Filed in Color)



(58) **Field of Classification Search**
CPC H03J 1/0016; H03J 1/0025; H04N 5/00; H04N 5/08; H04N 5/14; H04N 5/222; H04N 5/225; H04N 5/232; H04N 5/445; H04N 5/44543; H04N 5/45; H04N 2005/44517; H04N 2005/44521; H04N 2005/44526; H04N 2005/4453; H04N 2005/44534; H04N 2005/44539; H04N 2005/44547; H04N 2005/44556; H04N 2005/4456; H04N 2005/44565; H04N 2005/44569; H04N 2005/44573; H04N 21/00; H04N 21/234; H04N 21/431; H04N 21/4312; H04N 21/4314; H04N 21/4316
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D490,759	S	*	6/2004	Lohara	D12/192
D516,444	S	*	3/2006	Yamada	D10/102
D602,037	S	*	10/2009	Nash	D14/486
D624,087	S	*	9/2010	Anderson	D14/485
D733,722	S	*	7/2015	Ueda	D14/485
D763,921	S	*	8/2016	Dharwada	D14/492
D766,271	S	*	9/2016	Lau	D14/485
D766,304	S	*	9/2016	Mariet	D14/486
D766,323	S	*	9/2016	Eyal	D14/491
D768,548	S	*	10/2016	Ingenlath	D12/174
D770,340	S	*	11/2016	Ingenlath	D12/174
D771,705	S	*	11/2016	Dharwada	D14/492
D772,260	S	*	11/2016	Ingenlath	D14/486
D778,292	S	*	2/2017	Mochizuki	D14/485
D778,304	S	*	2/2017	Deusing	D14/486
D800,144	S	*	10/2017	Anderson	D14/485
D806,724	S	*	1/2018	Park	D14/485
D806,725	S	*	1/2018	Ryu	D14/485
D823,858	S	*	7/2018	Li	D14/485
D824,401	S	*	7/2018	Ali	D14/485
D844,015	S	*	3/2019	Meng	D14/485
D849,020	S	*	5/2019	Whitmore	D14/485
D852,824	S	*	7/2019	Selwa	D14/485
D854,548	S	*	7/2019	Ro	D14/485
D865,778	S	*	11/2019	Kim	D14/485
D891,444	S	*	7/2020	Ueta	D14/485
D893,534	S	*	8/2020	Lindberg	D14/486
D903,704	S	*	12/2020	Lindberg	D14/486
2008/0309475	A1	*	12/2008	Kuno	B60K 37/02 340/462
2018/0009316	A1	*	1/2018	Dadoosh	G06F 3/147
2019/0187869	A1	*	6/2019	Spitz	G06F 3/0488

OTHER PUBLICATIONS

"Beyond Just Driving: R&D for Infotainment System UX." news.hyundaimotorgroup.com. Aug. 27, 2020. Accessed Nov. 15, 2020. Available online at URL: https://news.hyundaimotorgroup.com/Article/Beyond-Just-Driving-RnD-for-Infotainment-System-UX (Year: 2020).*

"3D display surface for digital instrument cluster in car dashboard." youtube.com. 0:30-0:33. Apr. 20, 2017. Accessed Nov. 15, 2020. Available online at URL: https://www.youtube.com/watch?v=Hp2qVk5McrQ (Year: 2017).*

DeMattia, Nico. "BMW and Mercedes-Benz to Put Autonomous Partnership on Hold." bmwblog.com. Jun. 19, 2020. Accessed Nov. 15, 2020. Available online at URL: https://www.bmwblog.com/2020/06/19/bmw-and-mercedes-benz-autonomous-tech/ (Year: 2020).*

* cited by examiner

FIG. 1

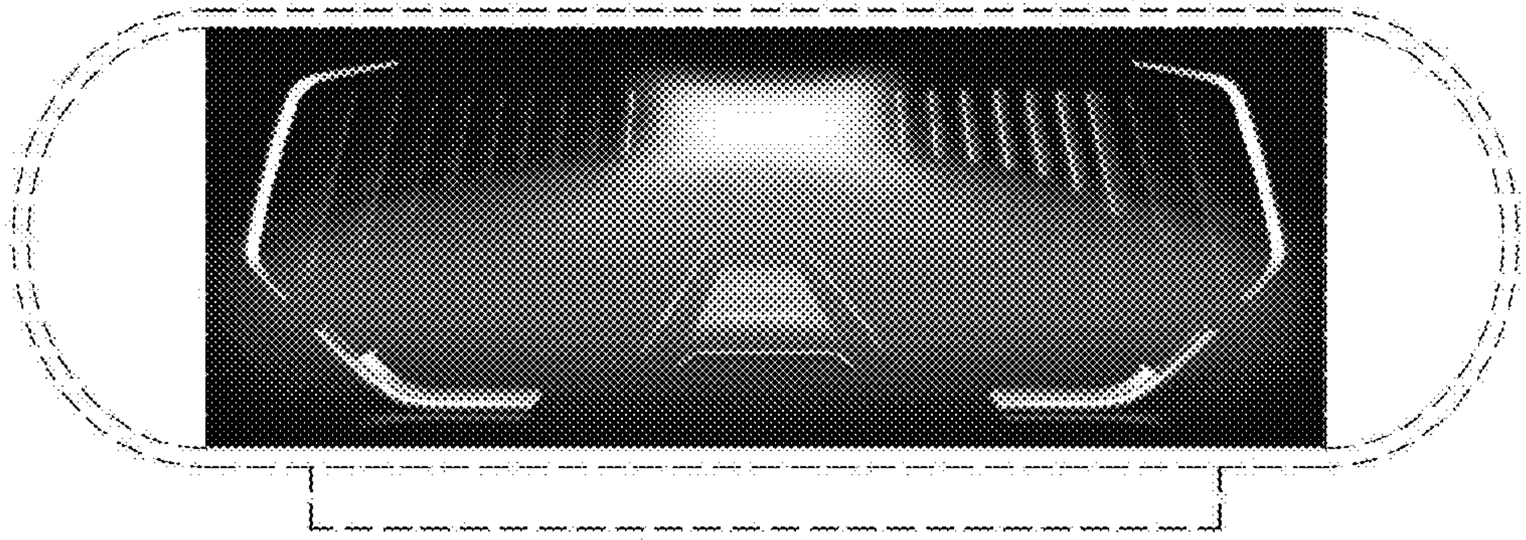


FIG. 2

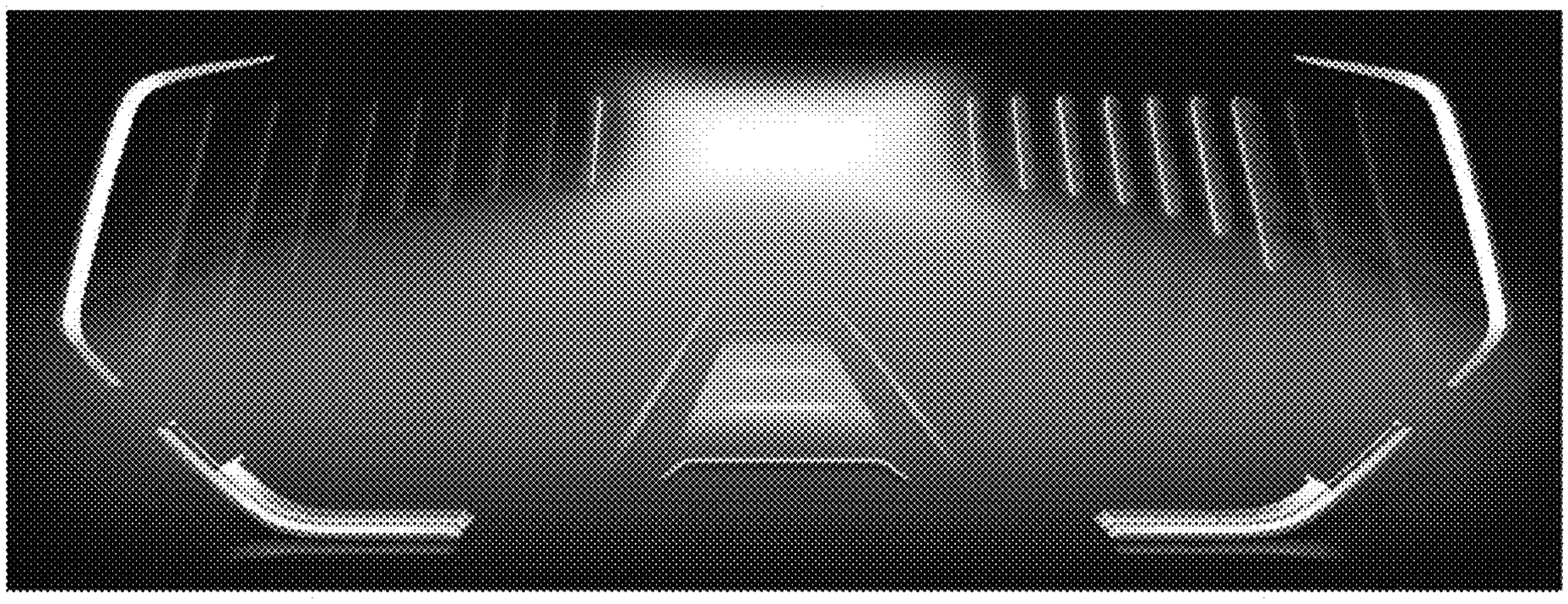


FIG. 3

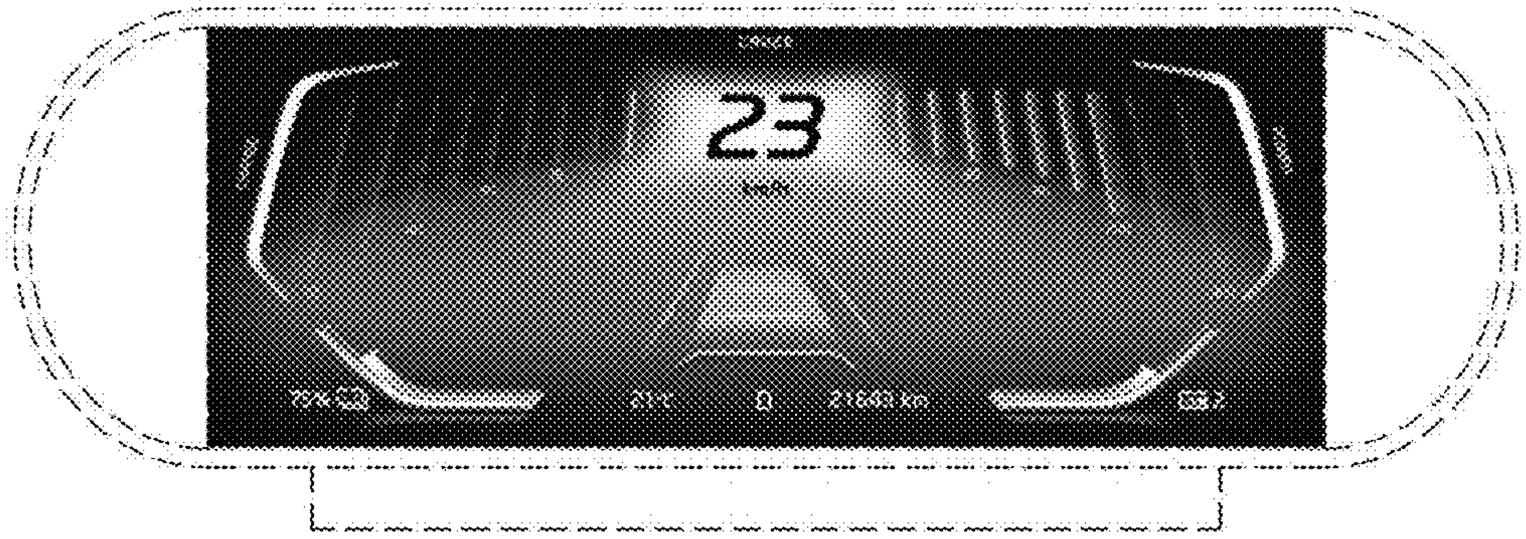


FIG. 4