



US00D971099S

(12) **United States Design Patent** (10) **Patent No.:** **US D971,099 S**  
**Lee et al.** (45) **Date of Patent:** **\*\* Nov. 29, 2022**

(54) **FRONT BUMPER LOWER COVER FOR AUTOMOBILE**

(71) Applicants: **HYUNDAI MOTOR COMPANY**, Seoul (KR); **KIA CORPORATION**, Seoul (KR)

(72) Inventors: **Hyo-Sung Lee**, Seoul (KR); **Han-Mo Kang**, Hwasung-shi (KR)

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

(21) Appl. No.: **35/513,196**

(22) Filed: **Jul. 12, 2021**

(80) **Hague Agreement Data**

Int. Filing Date: **Jul. 12, 2021**

Int. Reg. No.: **DM/216823**

Int. Reg. Date: **Jul. 12, 2021**

Int. Reg. Pub. Date: **Oct. 22, 2021**

(51) **LOC (13) Cl.** ..... **12-16**

(52) **U.S. Cl.**  
USPC ..... **D12/169**

(58) **Field of Classification Search**  
USPC ..... D12/86, 90, 91, 92, 163, 164, 167, 169, D12/171, 172, 196, 216  
CPC ..... B60R 19/02; B60R 19/18; B60R 19/24; B60R 19/56; B60R 2019/007  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D601,063 S \* 9/2009 Lamm ..... D12/169  
D603,765 S \* 11/2009 Youn ..... D12/169  
D607,384 S \* 1/2010 Krauss ..... D12/181  
8,210,600 B1 \* 7/2012 Verhee ..... B62D 35/005  
296/180.1  
D699,168 S \* 2/2014 Osborne ..... D12/169

D711,298 S \* 8/2014 Jamieson ..... D12/181  
D813,747 S \* 3/2018 Behmer ..... D12/169  
D822,557 S \* 7/2018 DiCanzio ..... D12/169  
D848,321 S \* 5/2019 Lu ..... D12/181  
D864,063 S \* 10/2019 DiCanzio ..... D12/181  
D877,010 S \* 3/2020 Morgan ..... D12/169  
D879,683 S \* 3/2020 Endo ..... D12/169  
D944,701 S \* 3/2022 Piaskowski ..... D12/196  
2012/0292943 A1 \* 11/2012 Danev ..... B62D 35/005  
296/180.1  
2015/0175222 A1 \* 6/2015 Reuvekamp ..... B62D 35/005  
296/180.1  
2020/0324833 A1 \* 10/2020 Danev ..... B62D 35/005  
2021/0070379 A1 \* 3/2021 Mao ..... H02K 7/116

**OTHER PUBLICATIONS**

“JDM 3 Pieces Style Glossy Black Front Bumper Lip Spoiler Splitter Compatible With 2018-2020 Toyota Camry SE XSE.” Amazon., Sep. 29, 2016 [online], [retrieved on Mar. 25, 2022]. Retrieved from the Internet <URL: <https://www.amazon.com/Pieces-Spoiler-Splitter-Compatible-2018-2020/dp/B07L6Q174V>>.\*

(Continued)

*Primary Examiner* — Darlington Ly

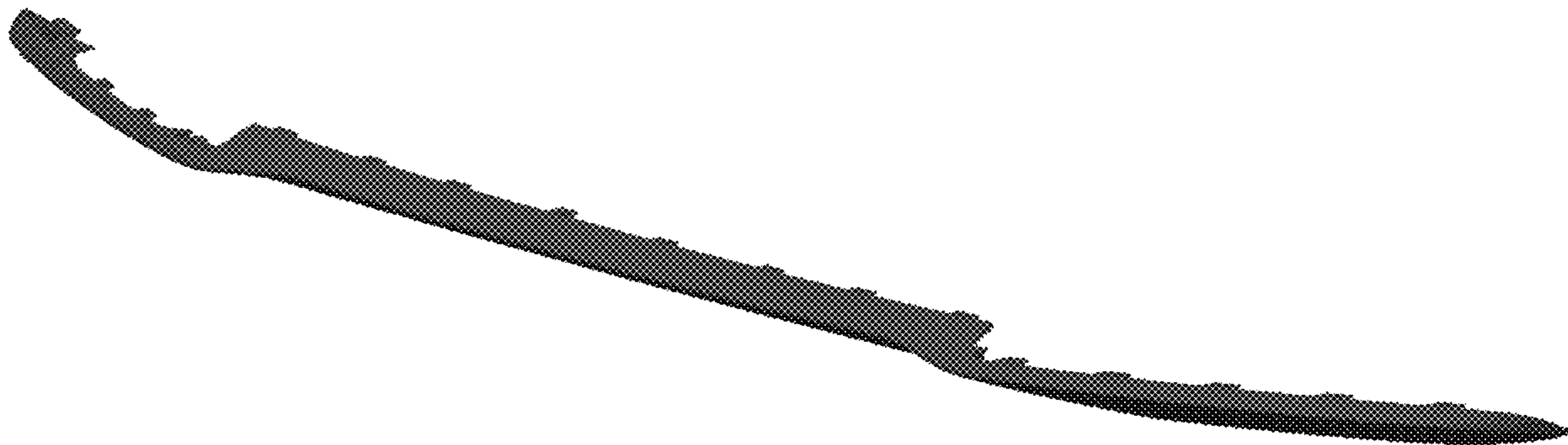
(57) **CLAIM**

The ornamental design for a front bumper lower cover for automobile, as shown and described.

**DESCRIPTION**

- 1. Front bumper lower cover for automobile
- 1.1 is a perspective view of a front bumper lower cover for automobile embodying our new design;
- 1.2 is a front elevation view thereof;
- 1.3 is a rear elevation view thereof;
- 1.4 is a left side elevation view thereof;
- 1.5 is a right side elevation view thereof;
- 1.6 is a top plan view thereof; and
- 1.7 is a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

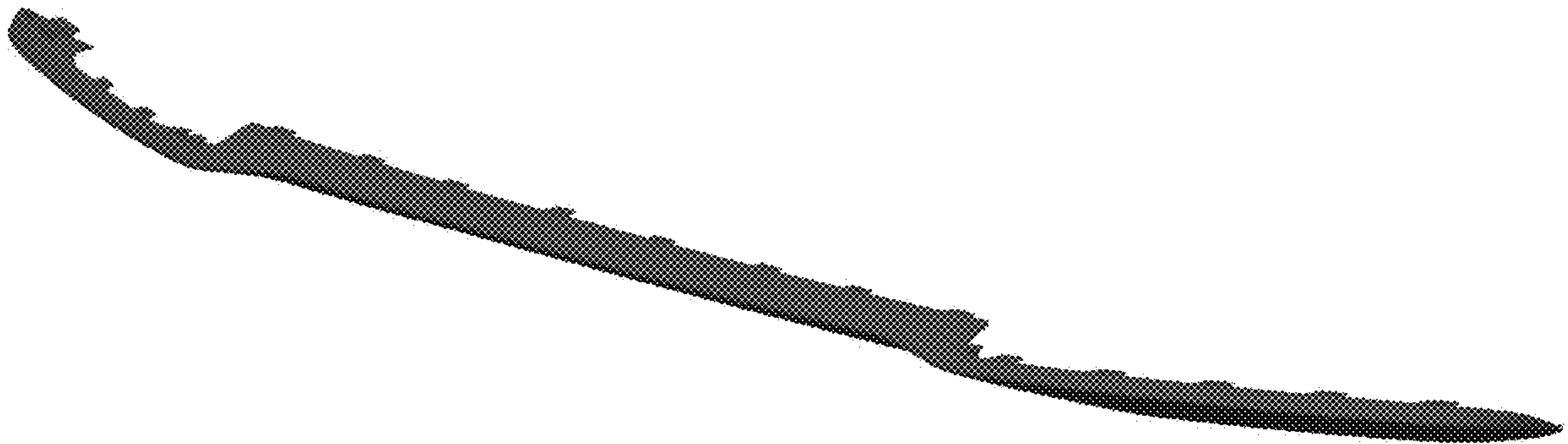
OTHER PUBLICATIONS

“Don’t Buy A Carbon Fiber Front Bumper Spoiler Lip Until You Read This!” All-Fit Automotive., Feb. 12, 2020 [online], [retrieved on Mar. 25, 2022]. Retrieved from the Internet <URL: <https://allfitautomotive.com/blog/carbon-fiber-front-bumper-need-to-know/>>.\*

Zac Ludicrous. “7 Tesla Model 3 Front Lip Spoilers That Increase Range & Look Slick (Buying Guide).” Tune Up., Jan. 2, 2022 [online], [retrieved on Mar. 25, 2022]. Retrieved from the Internet <URL: <https://teslatuneup.com/tesla-model-3-front-lip-spoiler/>>.\*

\* cited by examiner

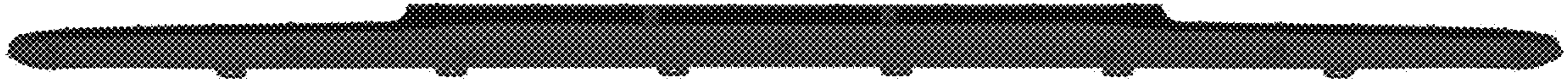
1.1



1.2



1.3



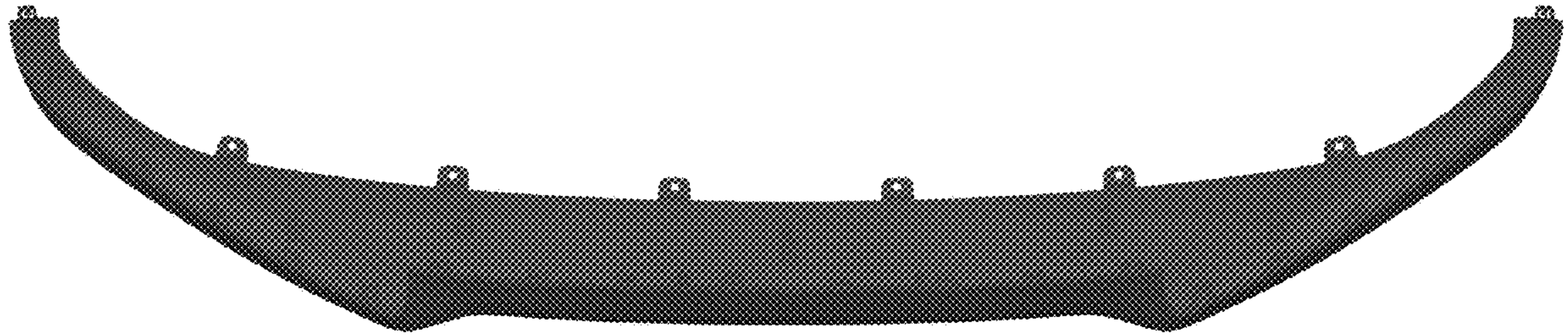
1.4



1.5



1.6





1.7

