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(12) United States Design Patent

Fu et al.

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(54) **BODY PANEL FOR PORTABLE ROBOT**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** **15-99**

(52) **U.S. Cl.**
USPC **D15/199**

(58) **Field of Classification Search**
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CPC B25J 5/007; B25J 11/008; B60B 19/006; B62D 57/024; Y10S 901/01; G05D 2201/0216
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D309,930	S	*	8/1990	Asaeda	D21/562
5,727,985	A	*	3/1998	George	A63H 17/004 446/470
D508,963	S	*	8/2005	Discoe	D21/550
D822,124	S	*	7/2018	Bei	D21/533
D837,307	S	*	1/2019	Jin	D21/549
D849,598	S	*	5/2019	Schroeder	D12/1
D857,773	S	*	8/2019	Muraishi	D15/199
D884,762	S	*	5/2020	Gunnarsson	D15/199
D891,534	S	*	7/2020	Guo	D21/578
D896,858	S	*	9/2020	Kapuria	D15/199
D914,779	S	*	3/2021	Poluboiarinov	D15/199
D918,977	S	*	5/2021	Chrysanthakopoulos	G05D 1/0219 D15/199
D936,708	S	*	11/2021	Xu	D15/26
D942,519	S	*	2/2022	Ye	D15/199
D944,899	S	*	3/2022	Weng	D21/533
D952,052	S	*	5/2022	Xu	D21/550
D952,760	S	*	5/2022	Wang	D21/533
D961,693	S	*	8/2022	Kim	D15/199
D970,573	S	*	11/2022	Li	D15/199
D970,648	S	*	11/2022	Liu	D21/550
D980,341	S	*	3/2023	Chen	D21/539
D987,690	S	*	5/2023	Chen	D15/199
2011/0132671	A1	*	6/2011	Lee	B25J 13/081 180/8.3
2013/0340529	A1	*	12/2013	Lama	G01N 29/226 901/1
2020/0206962	A1	*	7/2020	Sohmshetty	H02J 13/00032
2023/0227155	A1	*	7/2023	Fu	B64G 1/16 244/2

* cited by examiner

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(57) **CLAIM**

The ornamental design for body panel for portable robot, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a body panel for portable robot according to the present invention.
FIG. **2** is a rear perspective view thereof.
FIG. **3** is a front view thereof.
FIG. **4** is a rear view thereof.
FIG. **5** is a left side view thereof.
FIG. **6** is a right side view thereof.
FIG. **7** is a top view thereof; and,
FIG. **8** is a bottom view thereof.

1 Claim, 8 Drawing Sheets

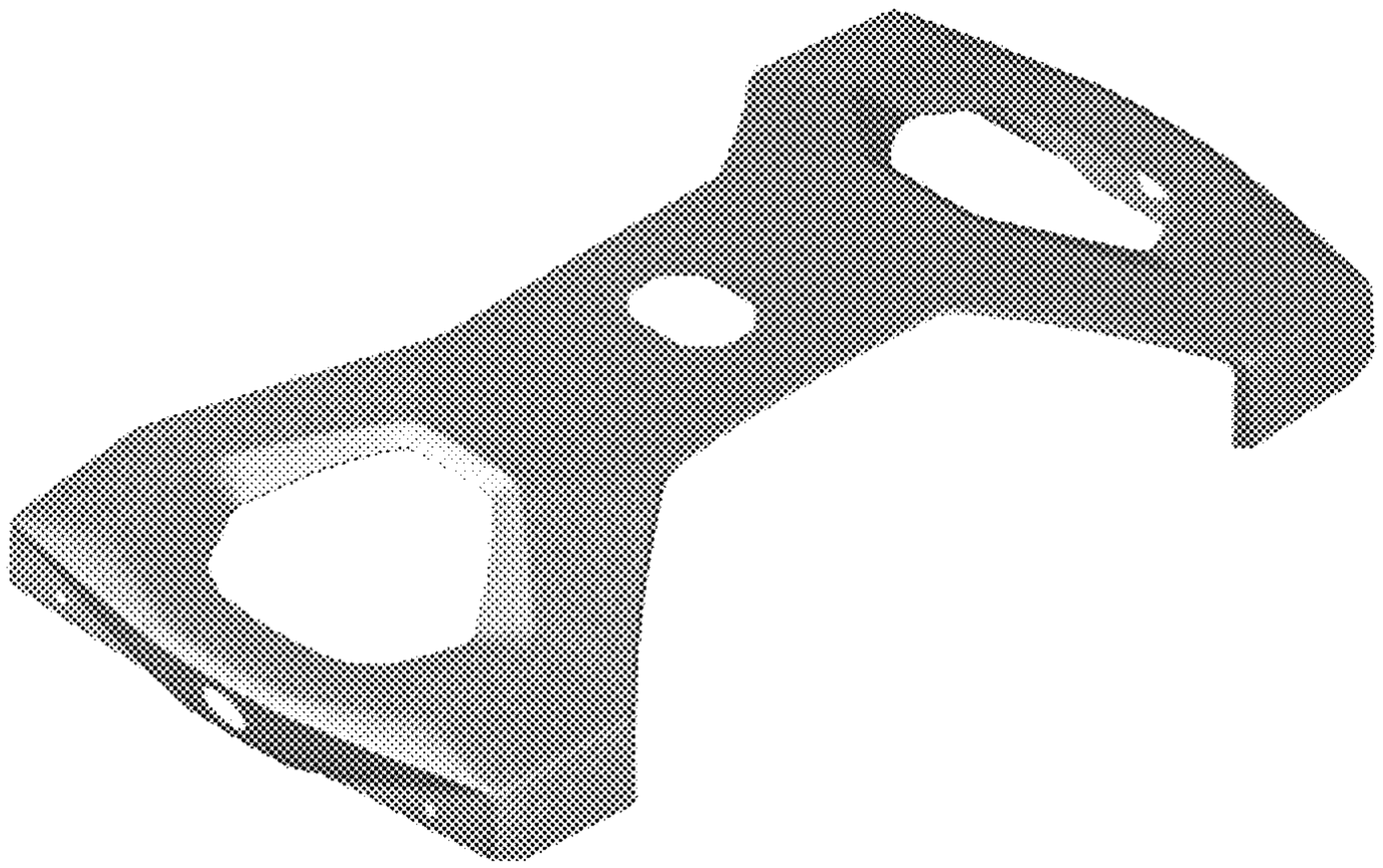

FIG. 1

FIG. 2

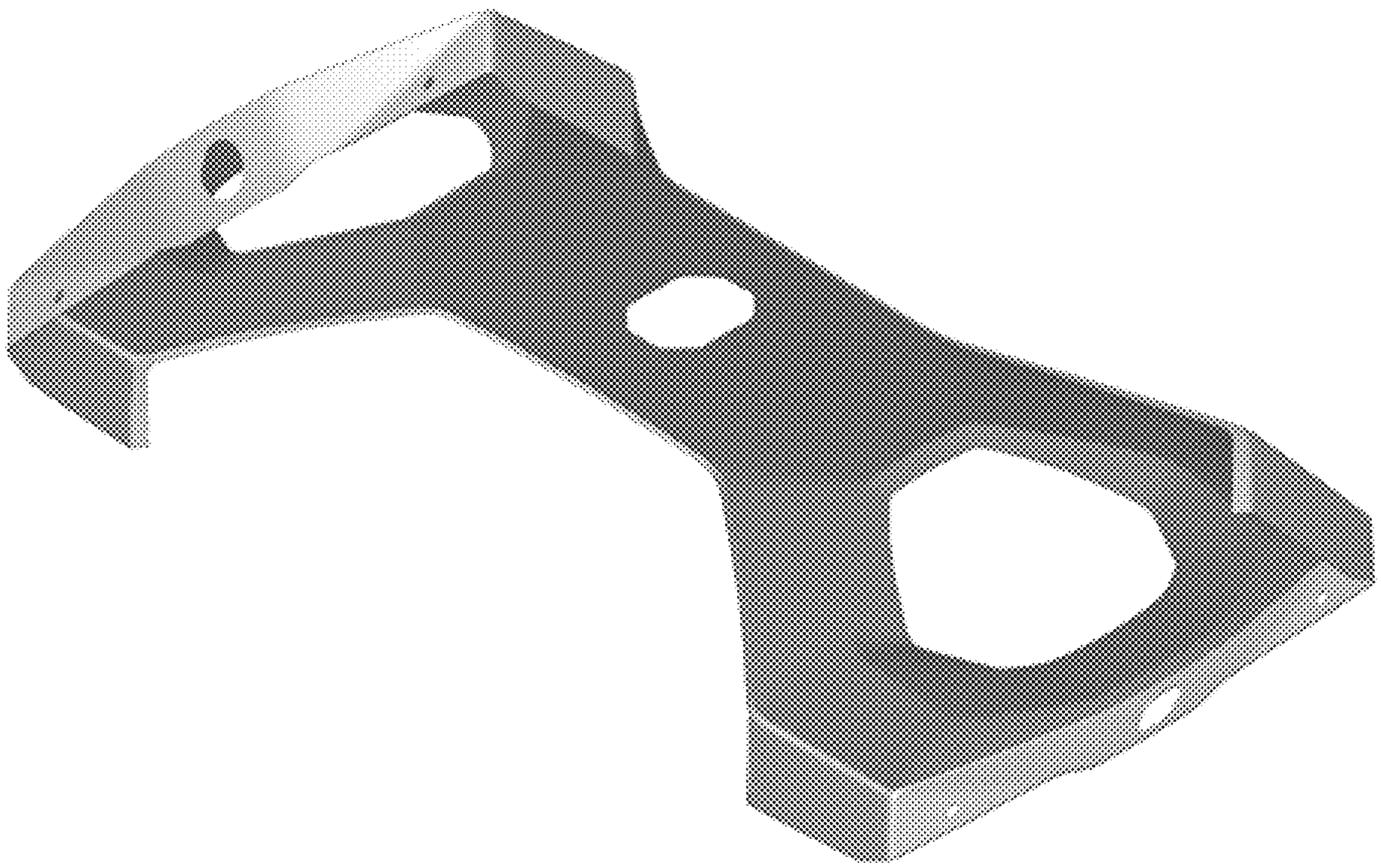

FIG. 3

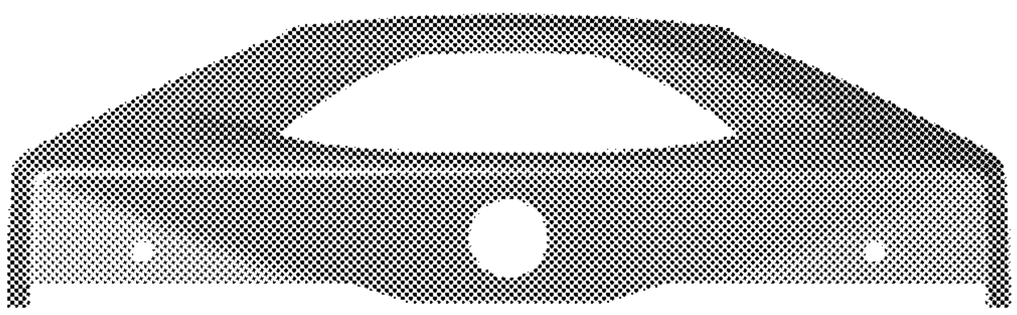

FIG. 4

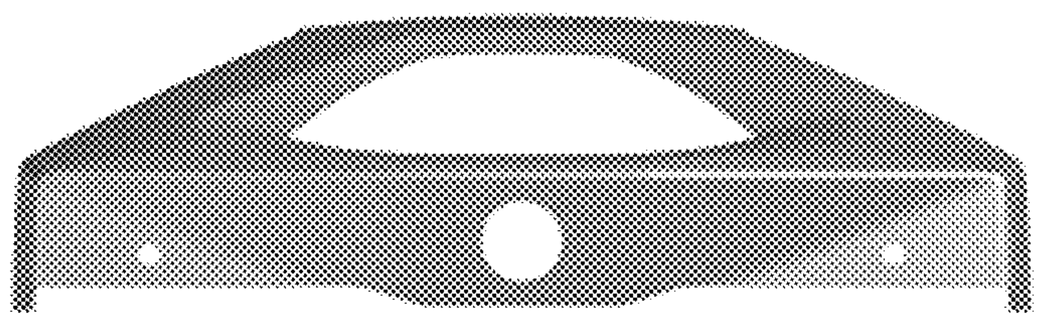

FIG. 5

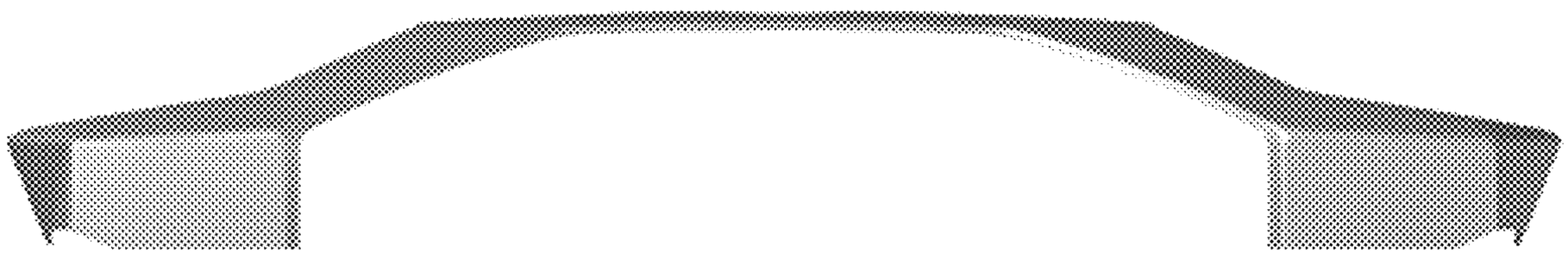

FIG. 6

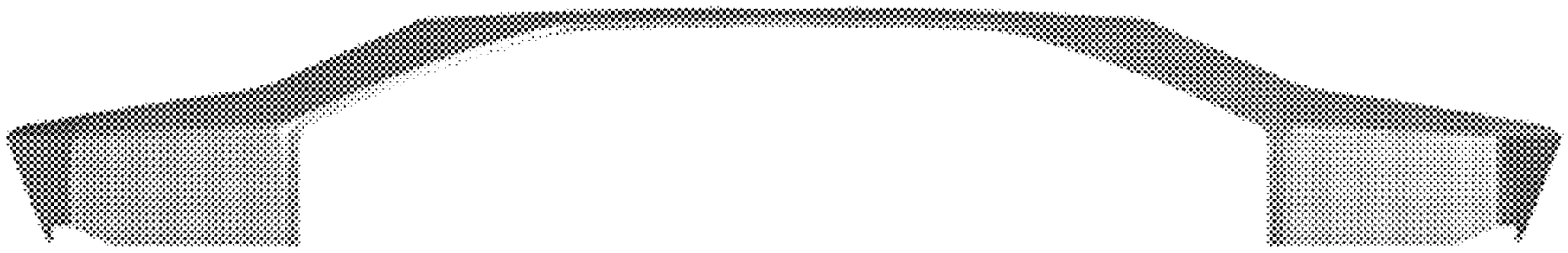

FIG. 7

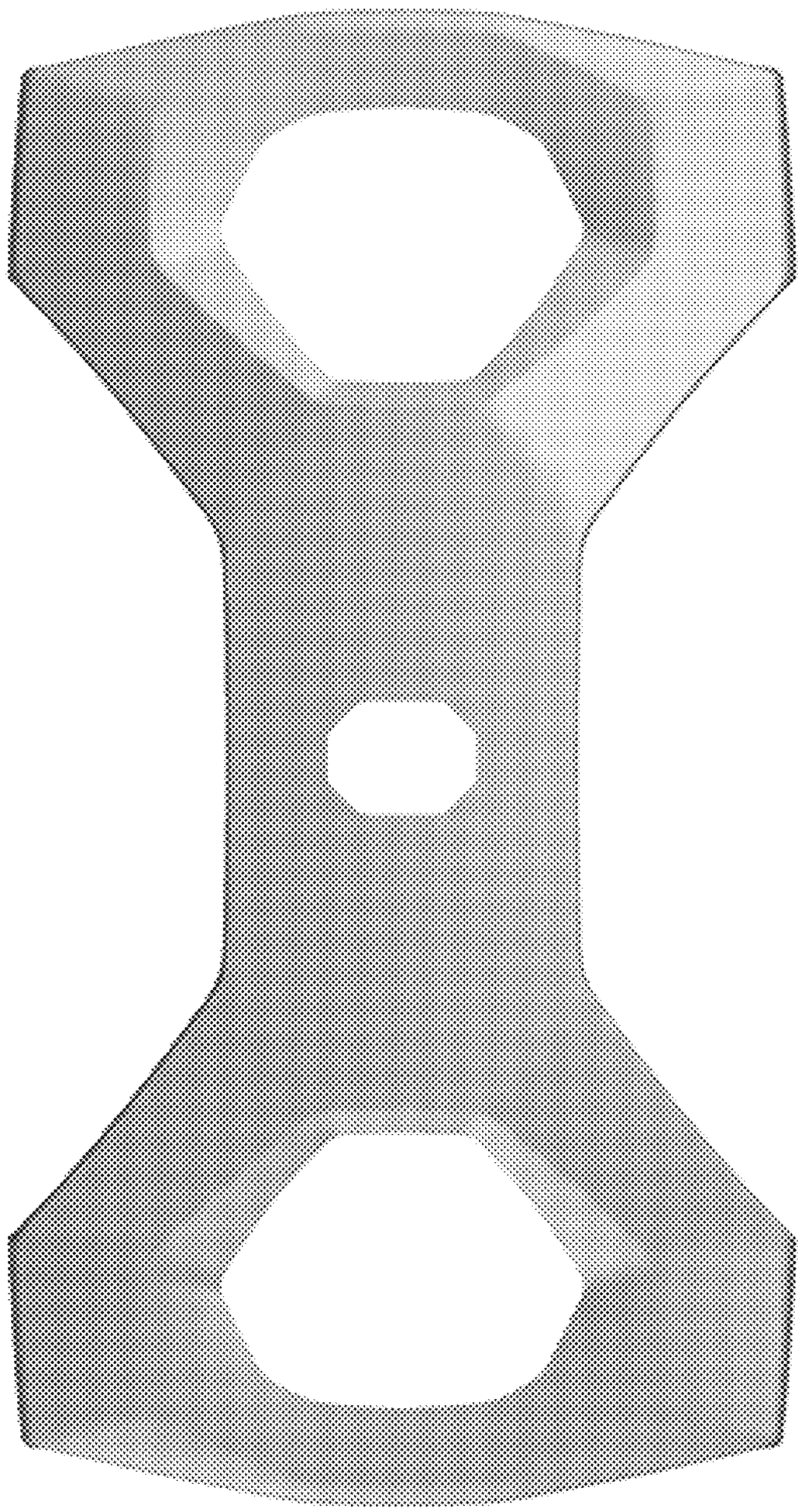
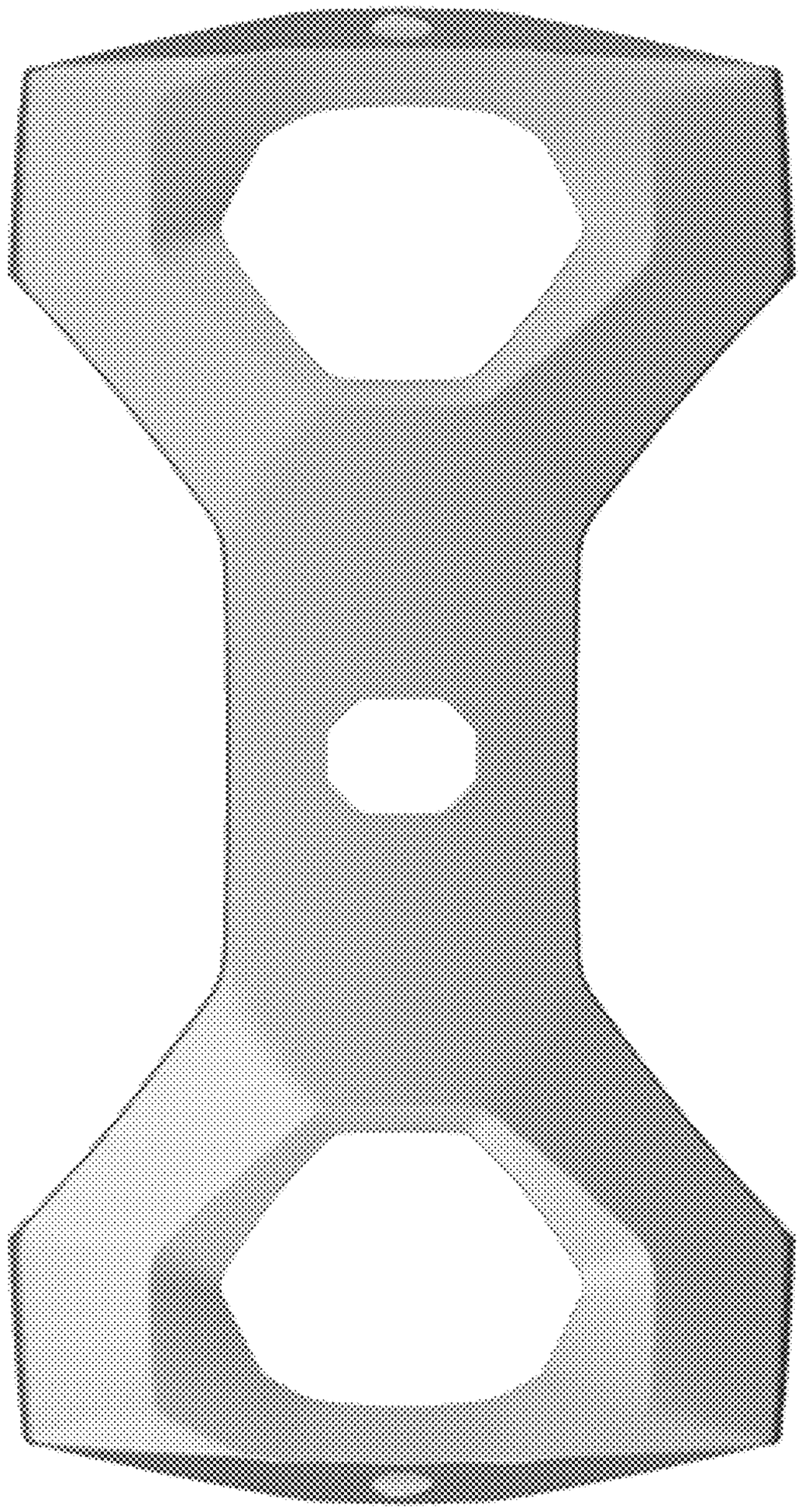
FIG. 8