



US0D1030582S

(12)

United States Design Patent

Curic et al.

(10)

Patent No.:

US D1,030,582 S

(45)

Date of Patent:

** Jun. 11, 2024

(54) VEHICLE FRONT LOWER AIR DEFLECTOR

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Ford Global Technologies, LLC**,
Dearborn, MI (US)

(72) Inventors: **Kemal Curic**, Lake Forest, CA (US);
Earl Lucas, Southfield, MI (US);
Darren Luke, West Bloomfield, MI (US);
Jaewoo Chang, Novi, MI (US)

(73) Assignee: **Ford Global Technologies, LLC**,
Dearborn, MI (US)

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

(21) Appl. No.: **29/836,632**

(22) Filed: **Apr. 28, 2022**

(51) **LOC (14) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/181**

(58) **Field of Classification Search**
USPC D12/88, 90–92, 164, 169, 173, 181, 184,
D12/197, 401
CPC B62D 65/04; B62D 25/10; B62D 35/007;
B62D 35/00; B62D 35/02; B60J 5/02;
B60R 2019/1886
See application file for complete search history.

CN 202230619673.0 * 4/2023

OTHER PUBLICATIONS

The Parts Place.com, 1986 Buick Skylark GS Regal Air Dam Deflector, published Jun. 21, 2018 [retrieved Feb. 16, 2024]. Retrieved from the internet<<https://www.thepartsplaceinc.com/product/1986/1986-buick-skylark-gs-regal-gn-front-lower-bumper-air-dam-deflector-spoiler-gm-25525981-25525980-pair/> (Year: 2018).*

* cited by examiner

Primary Examiner — Joseph Kukella
Assistant Examiner — Lavon M. Amerson
(74) *Attorney, Agent, or Firm* — Vichit Chea

(57) CLAIM

The ornamental design for a vehicle front lower air deflector, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a vehicle front lower air deflector, showing our new design;
FIG. 2 is a left side elevational view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a top, front and left side perspective view thereof;
and,
FIG. 7 is a bottom, front and left side perspective view thereof.
The claimed design is indicated by the relatively dark portions in the figures. The de-emphasized and relatively light portions form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(56) References Cited

U.S. PATENT DOCUMENTS

D307,413	S	*	4/1990	Bradley		D12/184
D910,516	S	*	2/2021	Rådbrink		D12/184
D925,410	S	*	7/2021	Park		D12/163
D958,445	S	*	7/2022	Malczewski		D26/139
D984,938	S	*	5/2023	Burki		D12/190
D985,451	S	*	5/2023	Burki		D12/190
D996,324	S	*	8/2023	Evans		D12/184
D999,698	S	*	9/2023	Larson		D12/196
D1,012,796	S	*	1/2024	Ruiz		D12/181
D1,012,801	S	*	1/2024	Burki		D12/196
2017/0225623	A1	*	8/2017	Gaylard		B62D 37/02



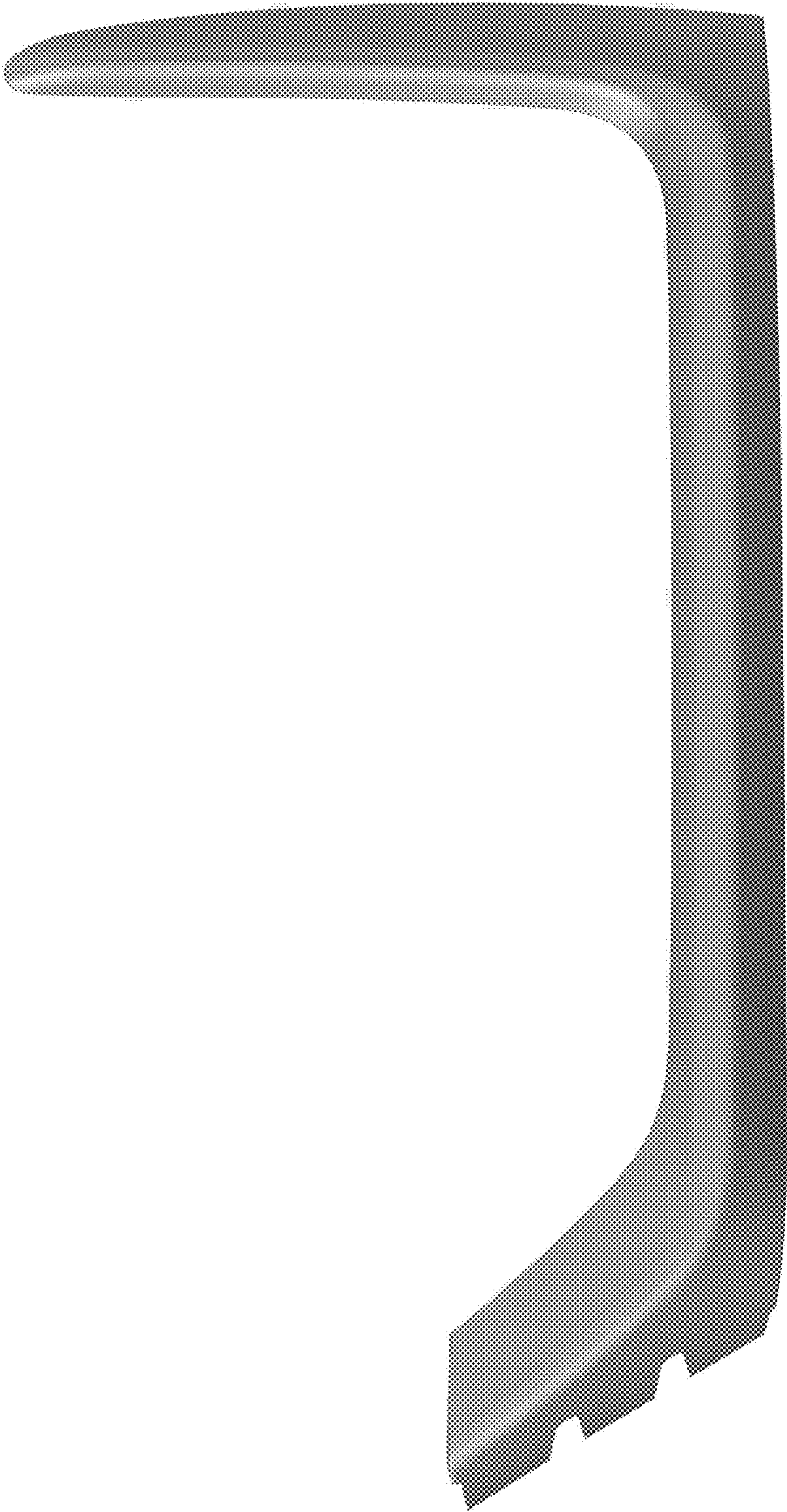


Fig.1

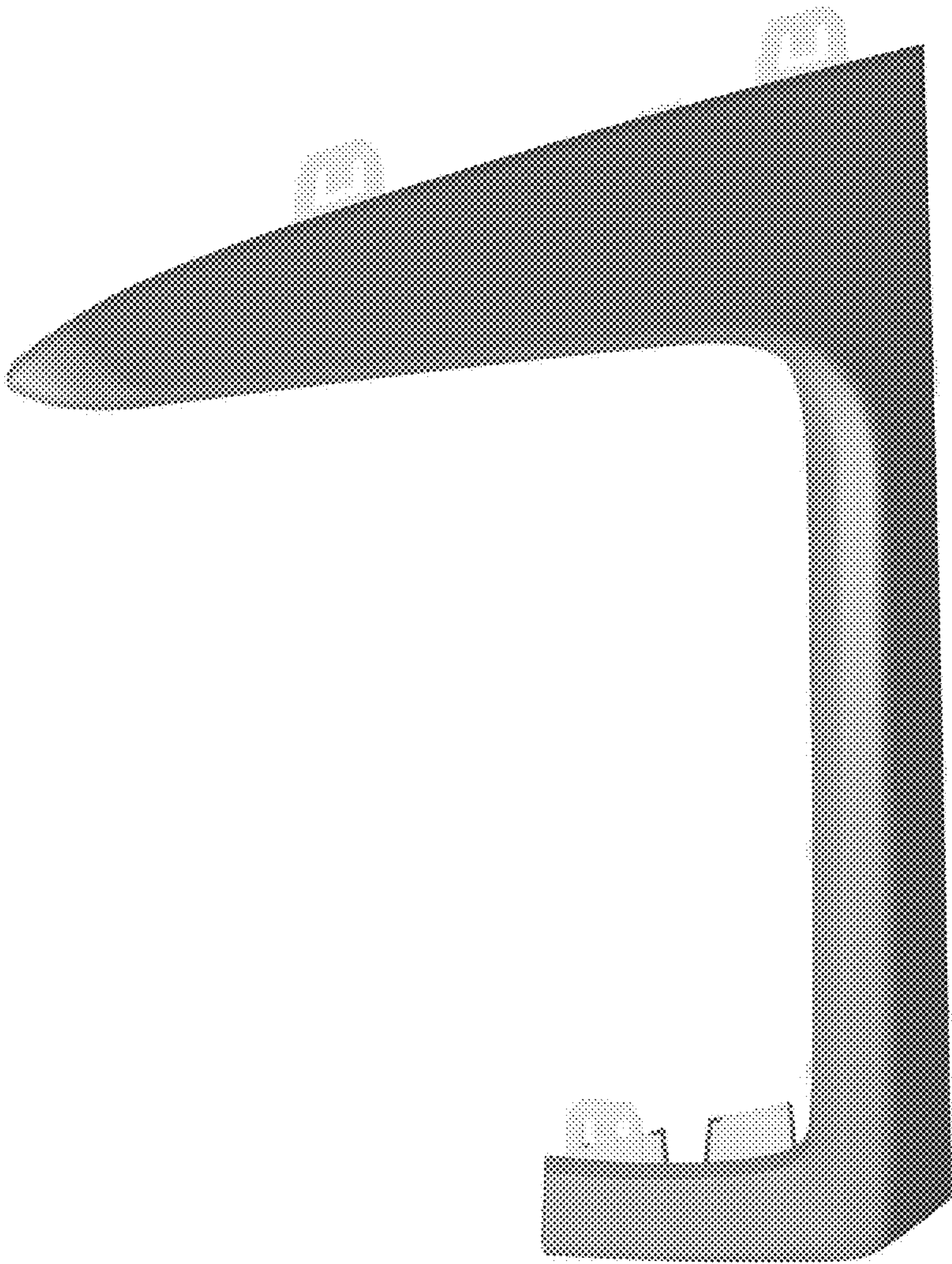


Fig. 2

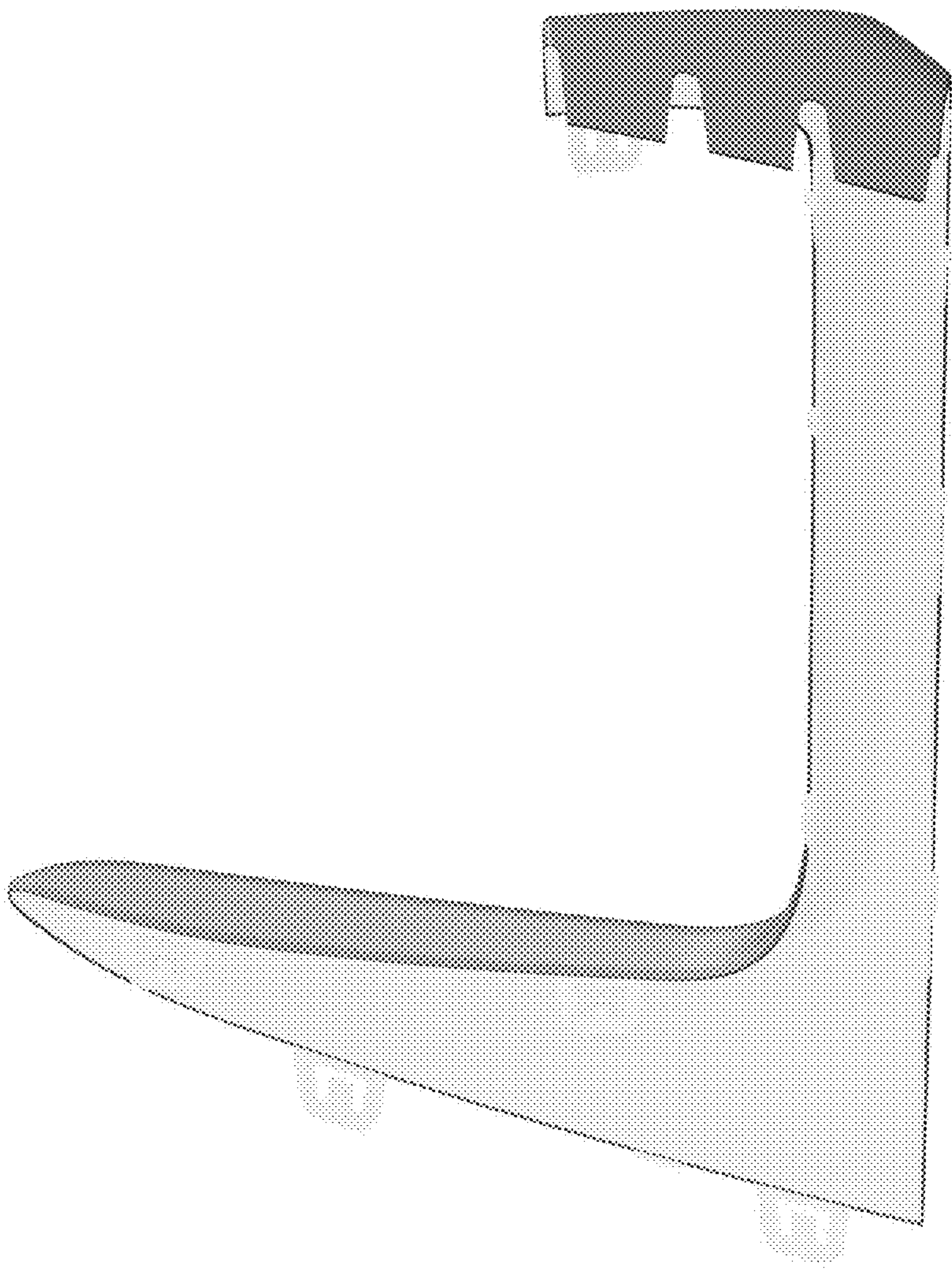


Fig. 3

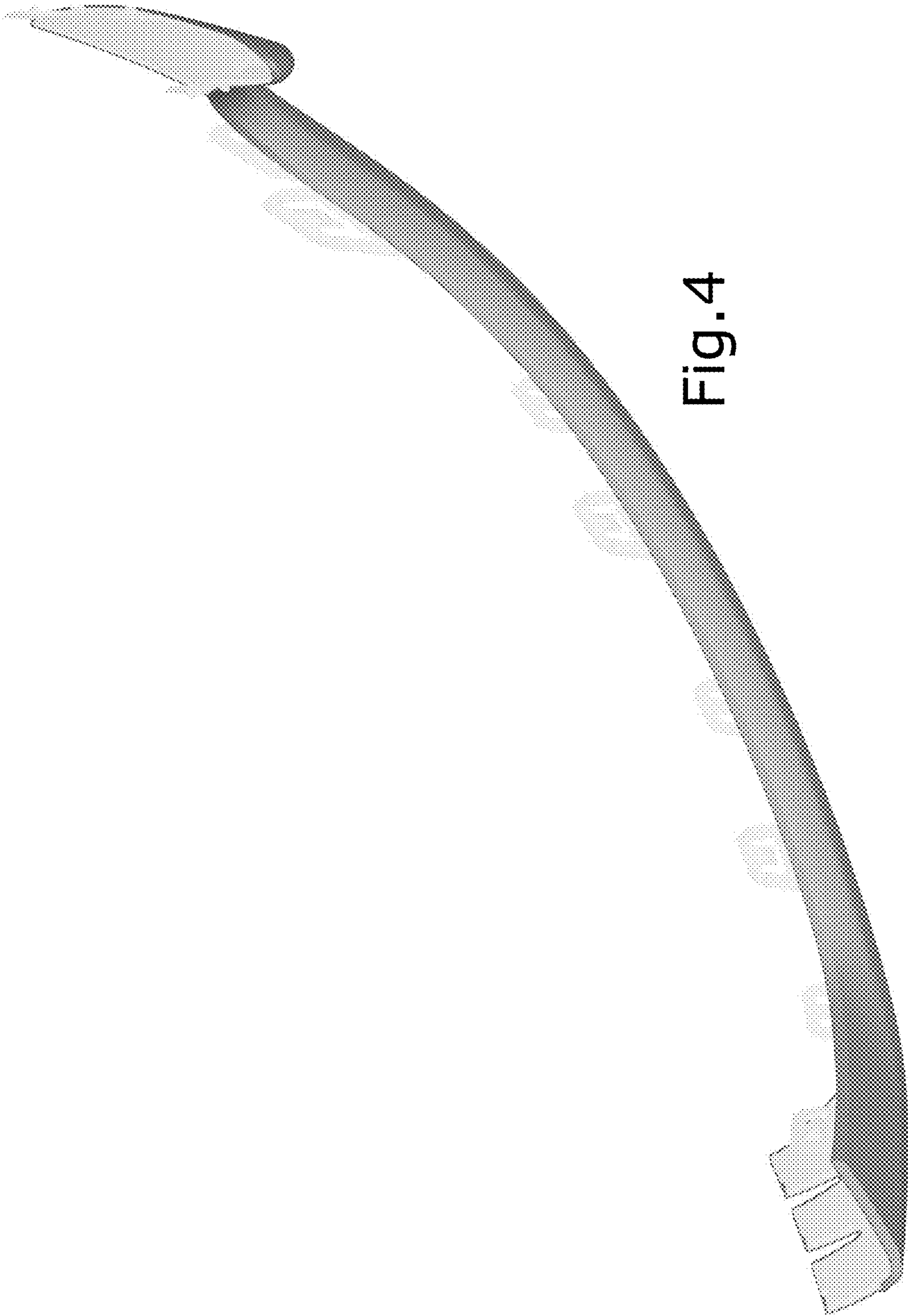


Fig.4

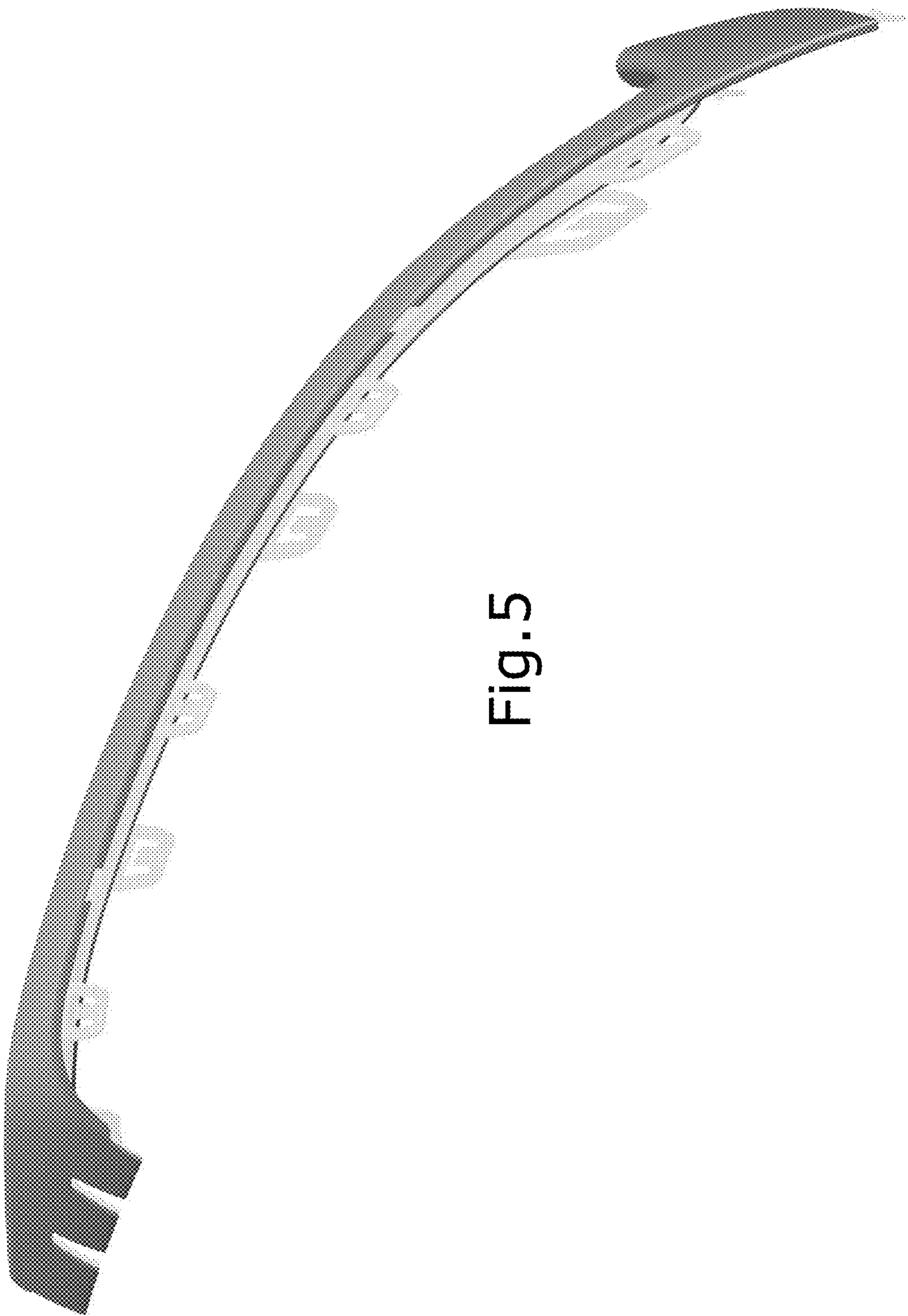


Fig. 5

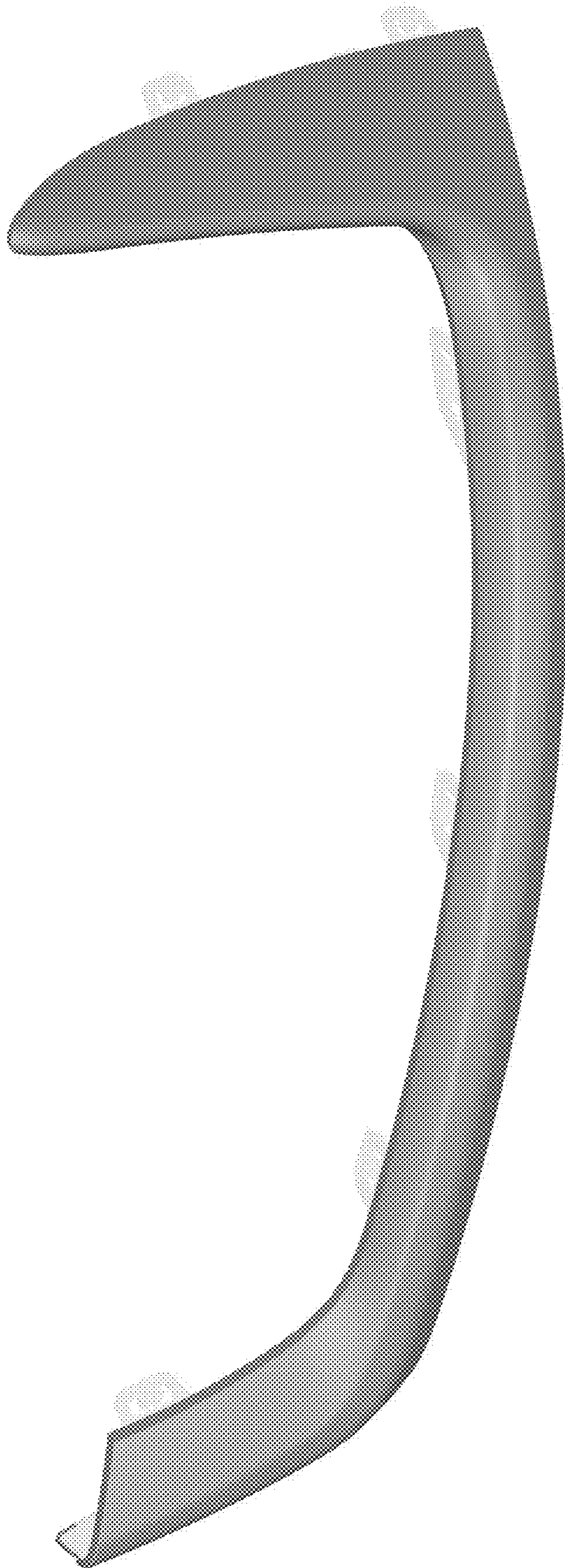


Fig. 6

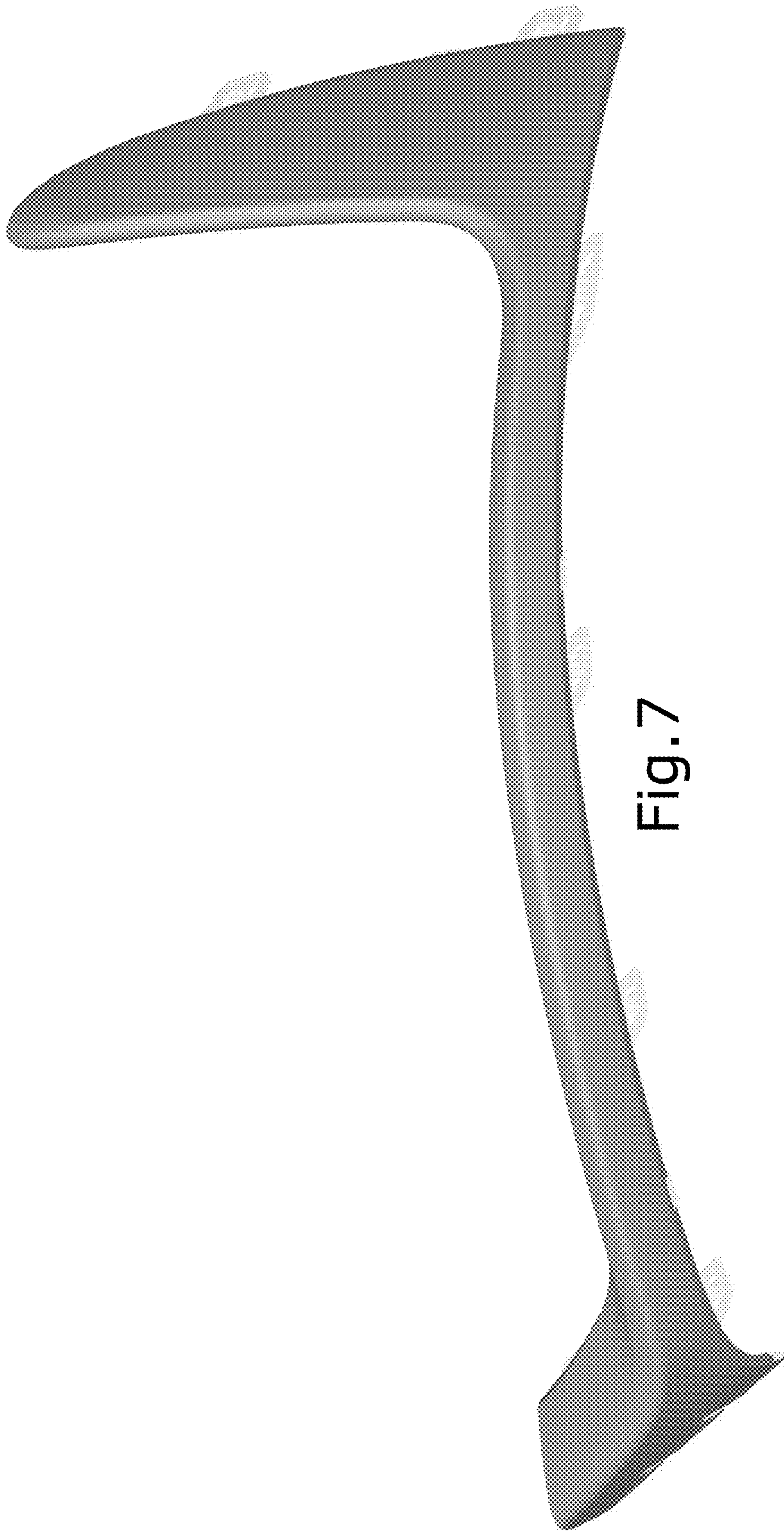


Fig. 7