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(12) **United States Design Patent** (10) **Patent No.:** **US D821,917 S**
Zhou et al. (45) **Date of Patent:** **** Jul. 3, 2018**

(54) **AMPHIBIOUS UNMANNED VERTICAL TAKEOFF AND LANDING FLYING AUTOMOBILE**

(71) Applicants: **Tiger T G Zhou**, Tiburon, CA (US); **Dylan T X Zhou**, Belvedere Tiburon, CA (US); **Andrew H B Zhou**, Tiburon, CA (US)

(72) Inventors: **Tiger T G Zhou**, Tiburon, CA (US); **Dylan T X Zhou**, Belvedere Tiburon, CA (US); **Andrew H B Zhou**, Tiburon, CA (US)

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Related U.S. Application Data

(63) Continuation-in-part of application No. 29/572,722, filed on Jul. 29, 2016, and a continuation-in-part of application No. 29/567,712, filed on Jun. 10, 2016, and a continuation-in-part of application No. 14/940,379, filed on Nov. 13, 2015, now Pat. No. 9,493,235, and a continuation-in-part of application No. 15/345,349, filed on Nov. 7, 2016, now Pat. No. 9,652,758, which is a continuation-in-part of application No. 14/957,644, filed on Dec. 3, 2015, now Pat. No. 9,489,671, which is a continuation-in-part of application No. 14/815,988, filed on Aug. 1, 2015, now Pat. No. 9,342,829, and a continuation-in-part of application No. 13/760,214, filed on Feb. 6, 2013, now Pat. No. 9,016,565, which is a continuation-in-part of application No. 10/677,098, filed on Sep. 30, 2003, now Pat. No. 7,702,739, application No. 29/584,530, which is a continuation-in-part of application No. 15/350,458, filed on Nov. 14, 2016, now Pat. No. 9,776,715.

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(51) **LOC (11) Cl.** 12-07

(52) **U.S. Cl.**
USPC **D12/16.1**; D12/337

(58) **Field of Classification Search**
USPC D12/16.1, 319, 323–345, 82, 88, 90, 91, D12/3, 4, 2; D21/436, 438, 439, 440, D21/441, 447, 448, 449, 450, 452, 453, D21/454, 455, 424, 533, 833
CPC B64C 1/062; B64C 39/024; B64C 27/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D88,107 S * 10/1932 Fike 296/181.5
D95,247 S * 4/1935 Grummer D12/91
D99,156 S * 3/1936 Covey D12/91
D100,186 S * 6/1936 Fitzmaurice D12/91
2,156,288 A * 5/1939 Holliday B64C 37/00
180/7.4
D139,636 S * 12/1944 Walker 296/181.5

(Continued)

Primary Examiner — Brandon M Rosati

Assistant Examiner — Marissa J Cash

(74) *Attorney, Agent, or Firm* — Georgly L. Khayet

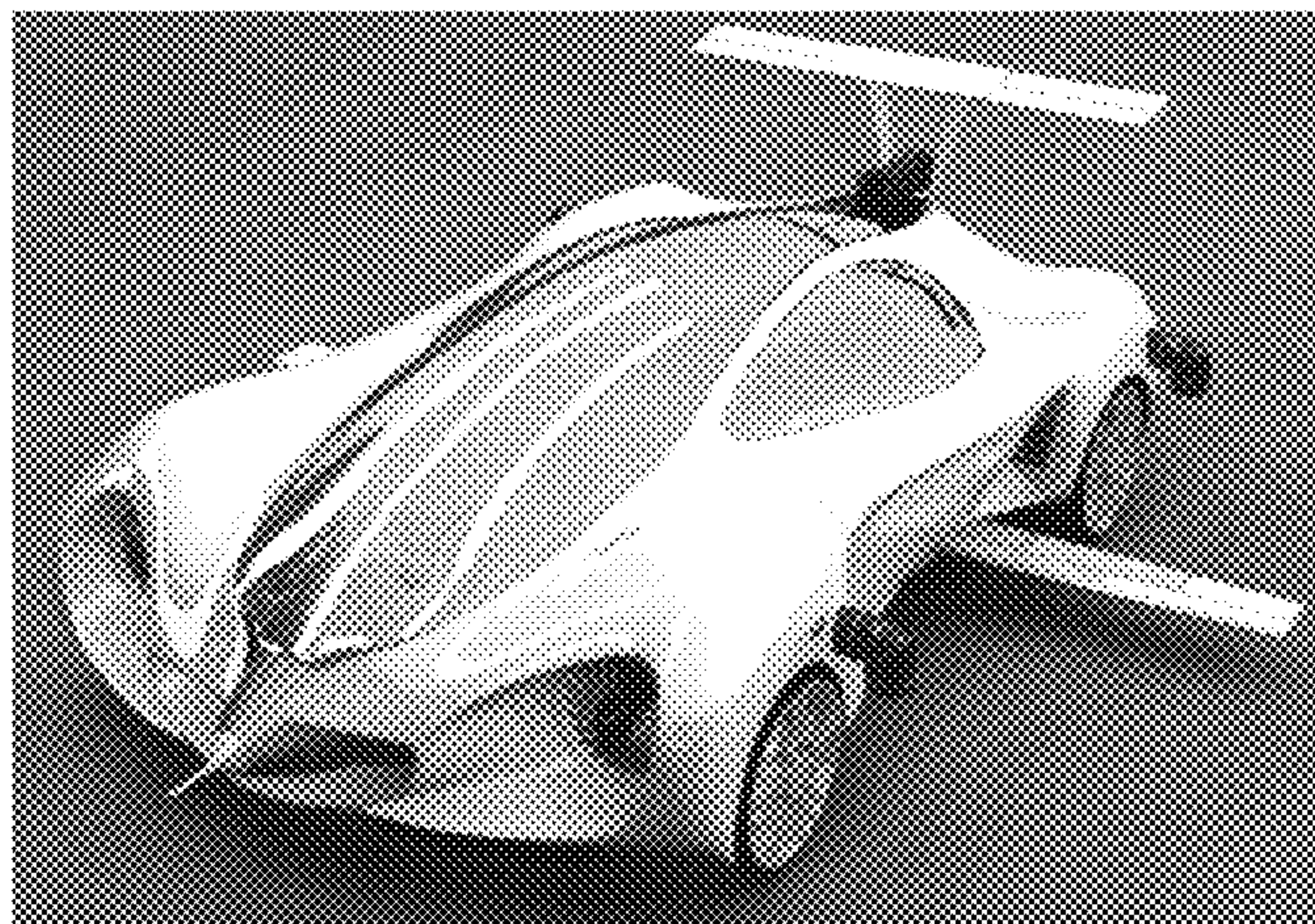
(57) **CLAIM**

The ornamental design for an amphibious unmanned vertical takeoff and landing flying automobile, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an amphibious unmanned vertical takeoff and landing flying automobile.
FIG. 2 is a right side view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a back view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,562,491 A * 7/1951 Hall B64C 37/00
244/2
2,562,492 A * 7/1951 Hall B64C 37/00
200/43.08
2,619,184 A * 11/1952 Hall B64C 37/00
180/54.1
5,915,649 A * 6/1999 Head B64C 37/00
244/17.17
D424,981 S * 5/2000 Cook D12/91
6,086,014 A * 7/2000 Bragg, Jr. B60F 5/02
244/2
D545,925 S * 7/2007 Milner D21/533
D547,238 S * 7/2007 Milner D12/88
D610,950 S * 3/2010 Helfet D12/91
7,938,358 B2 * 5/2011 Dietrich B64C 37/00
244/2
8,152,096 B2 * 4/2012 Smith B64C 29/0033
244/12.4
D684,503 S * 6/2013 Cook D12/92
8,720,814 B2 * 5/2014 Smith B64C 29/0033
244/12.4
8,973,861 B2 * 3/2015 Zhou A63H 27/12
244/17.23

D736,140 S * 8/2015 Moller D12/326
9,099,902 B2 * 8/2015 Chen H02K 5/225
9,139,299 B2 * 9/2015 Lundgren B64C 37/00
2003/0094536 A1 * 5/2003 LaBiche B60F 5/02
244/2
2004/0245374 A1 * 12/2004 Morgan B64C 29/0025
244/12.3
2008/0142643 A1 * 6/2008 Yoeli B60V 1/06
244/23 R
2010/0294877 A1 * 11/2010 Jianu B64C 29/0025
244/2
2013/0112804 A1 * 5/2013 Zhu B64C 29/0025
244/2
2015/0028150 A1 * 1/2015 Klein B64C 3/385
244/2
2015/0102155 A1 * 4/2015 Krastev B60K 16/00
244/2
2015/0314867 A1 * 11/2015 Razroev B64C 29/0033
244/119
2016/0001879 A1 * 1/2016 Johannesson B64C 27/50
416/142
2016/0243910 A1 * 8/2016 Hu B60F 5/02
2016/0272314 A1 * 9/2016 Radu B64C 37/00
2017/0072755 A1 * 3/2017 Zhou B64C 29/0075

* cited by examiner

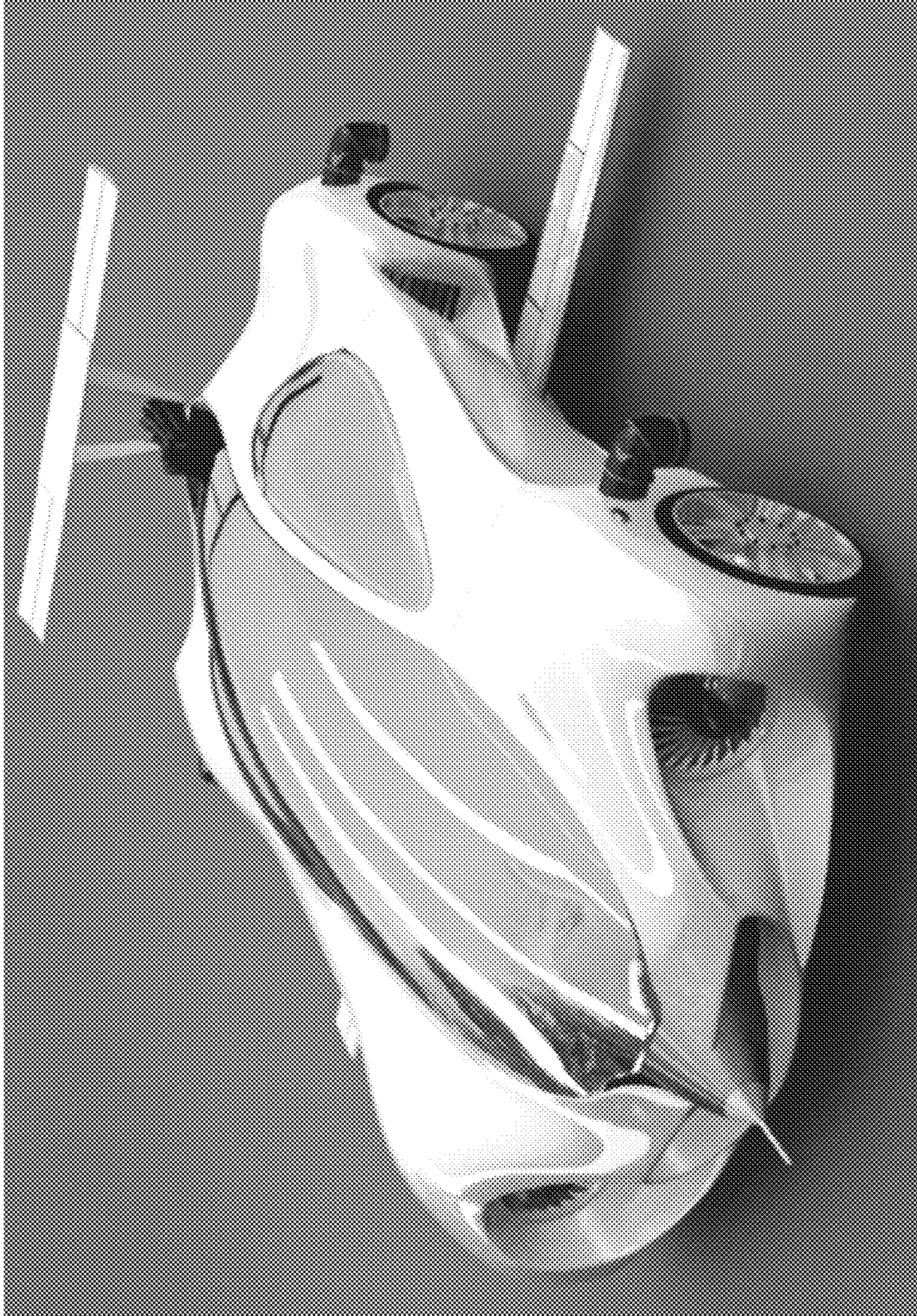


FIG. 1

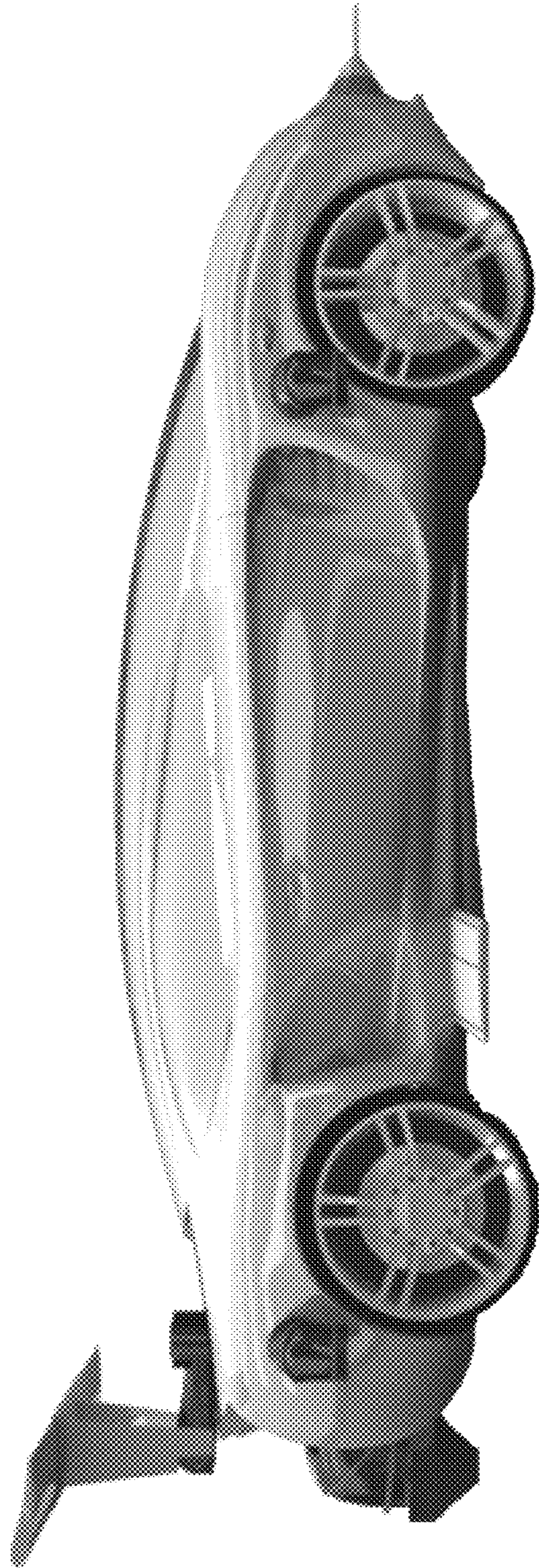


FIG. 2

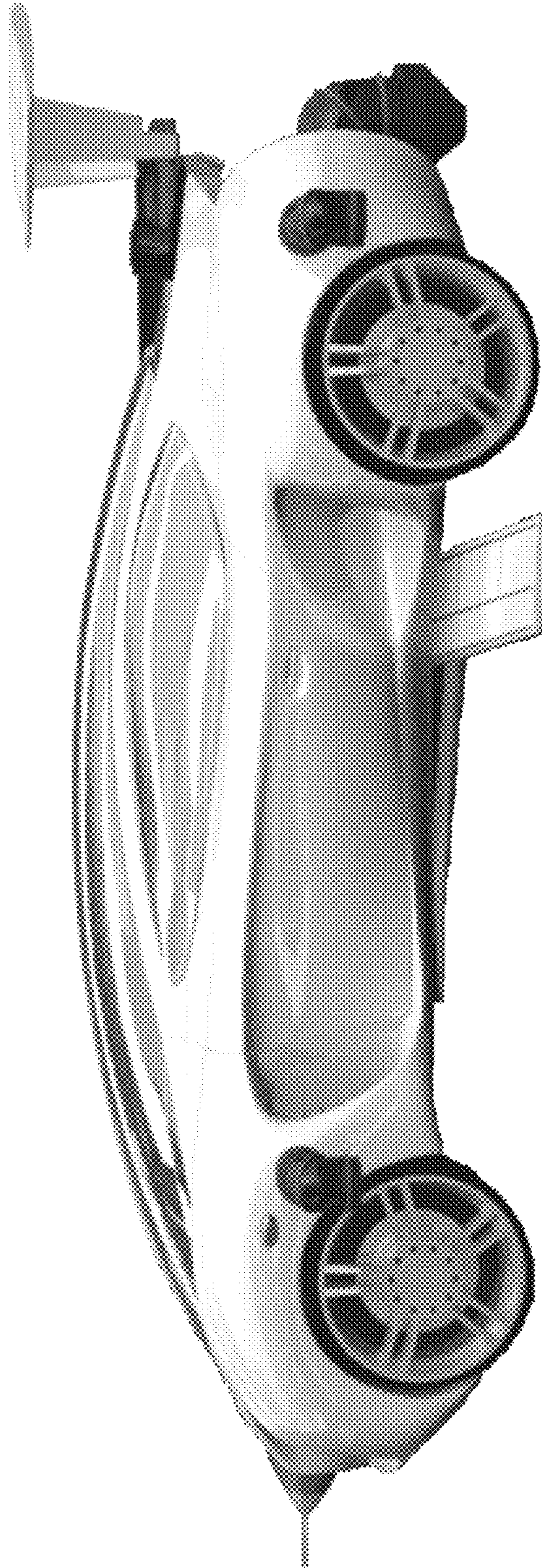


FIG. 3

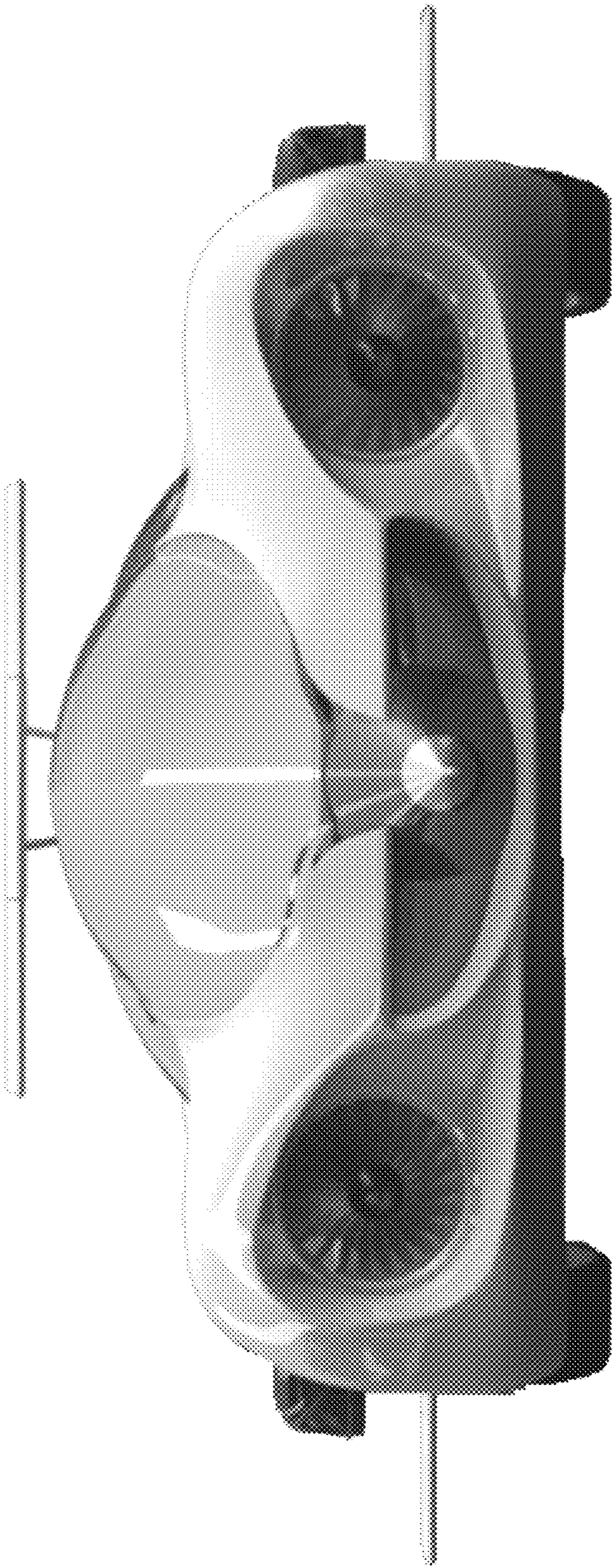


FIG. 4

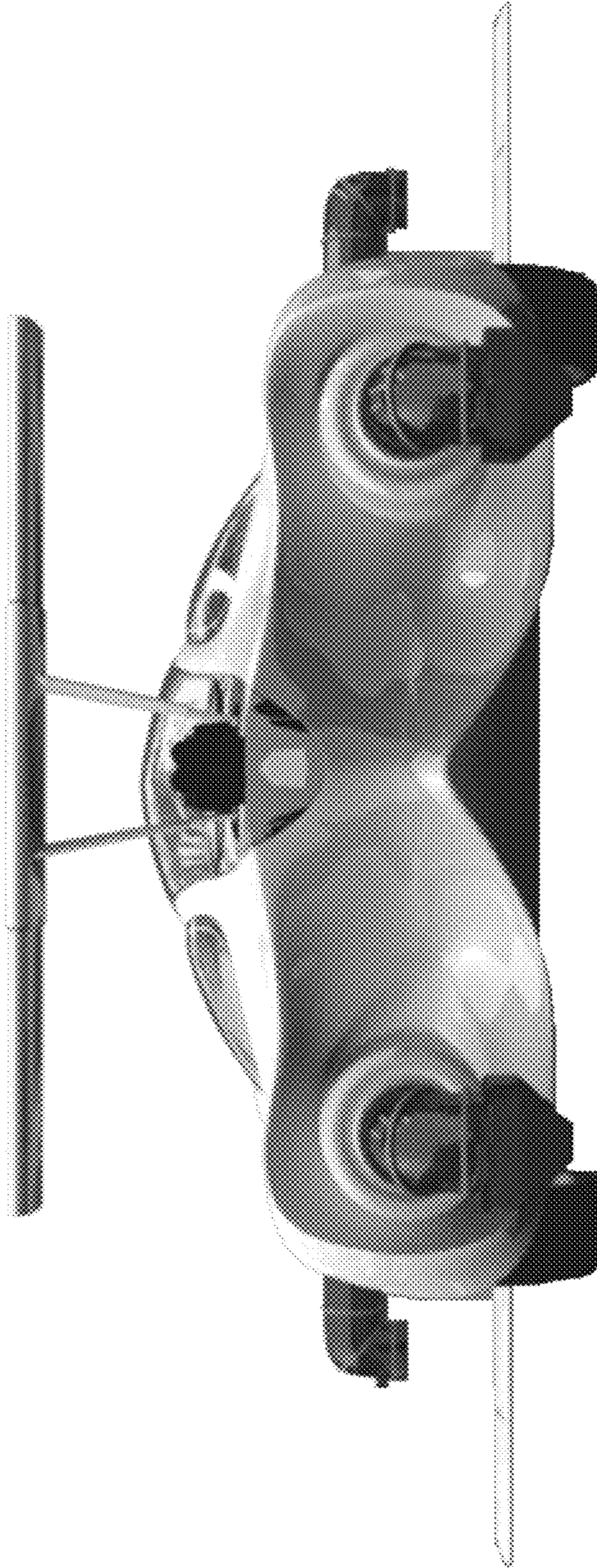


FIG. 5

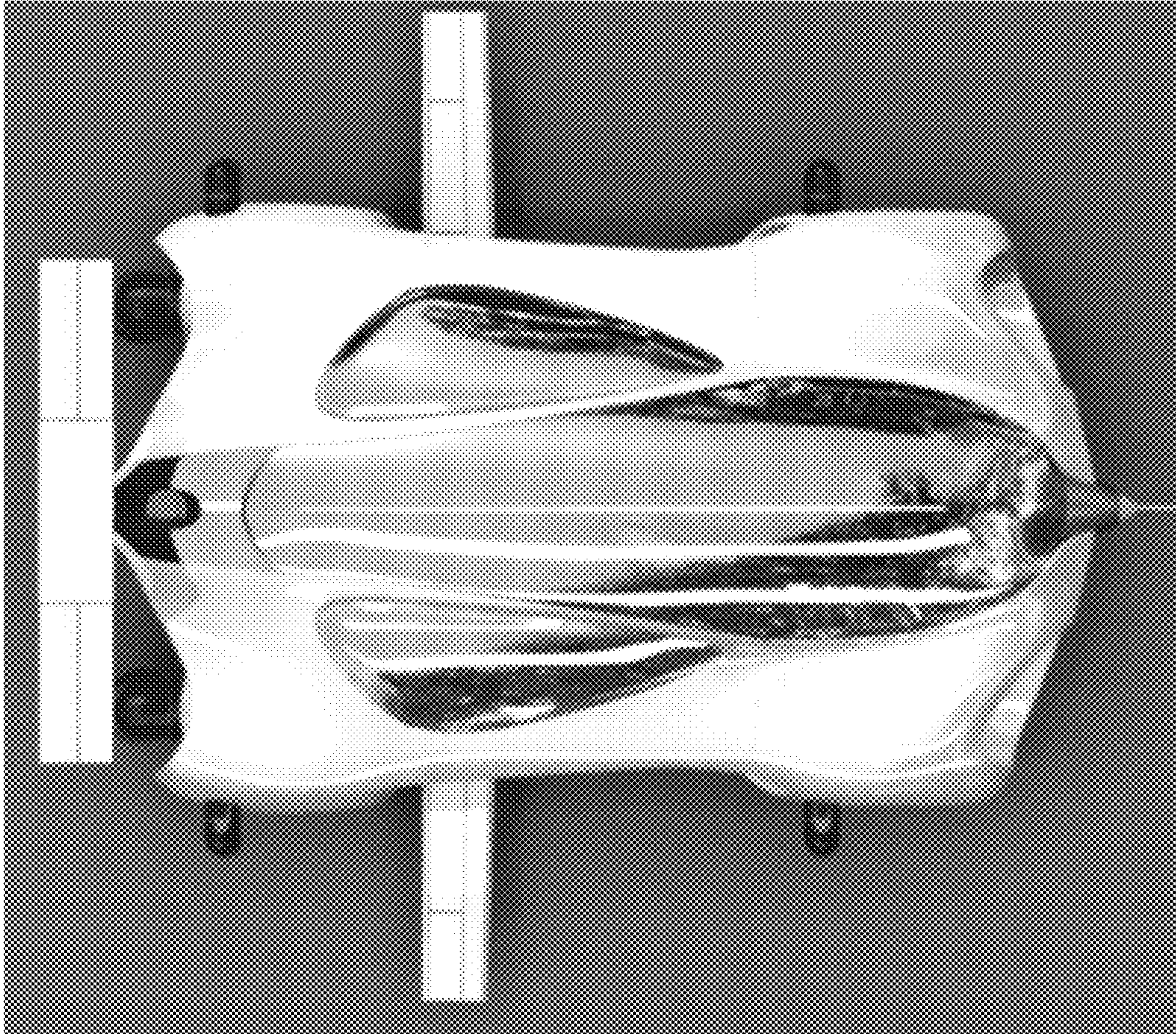


FIG. 6

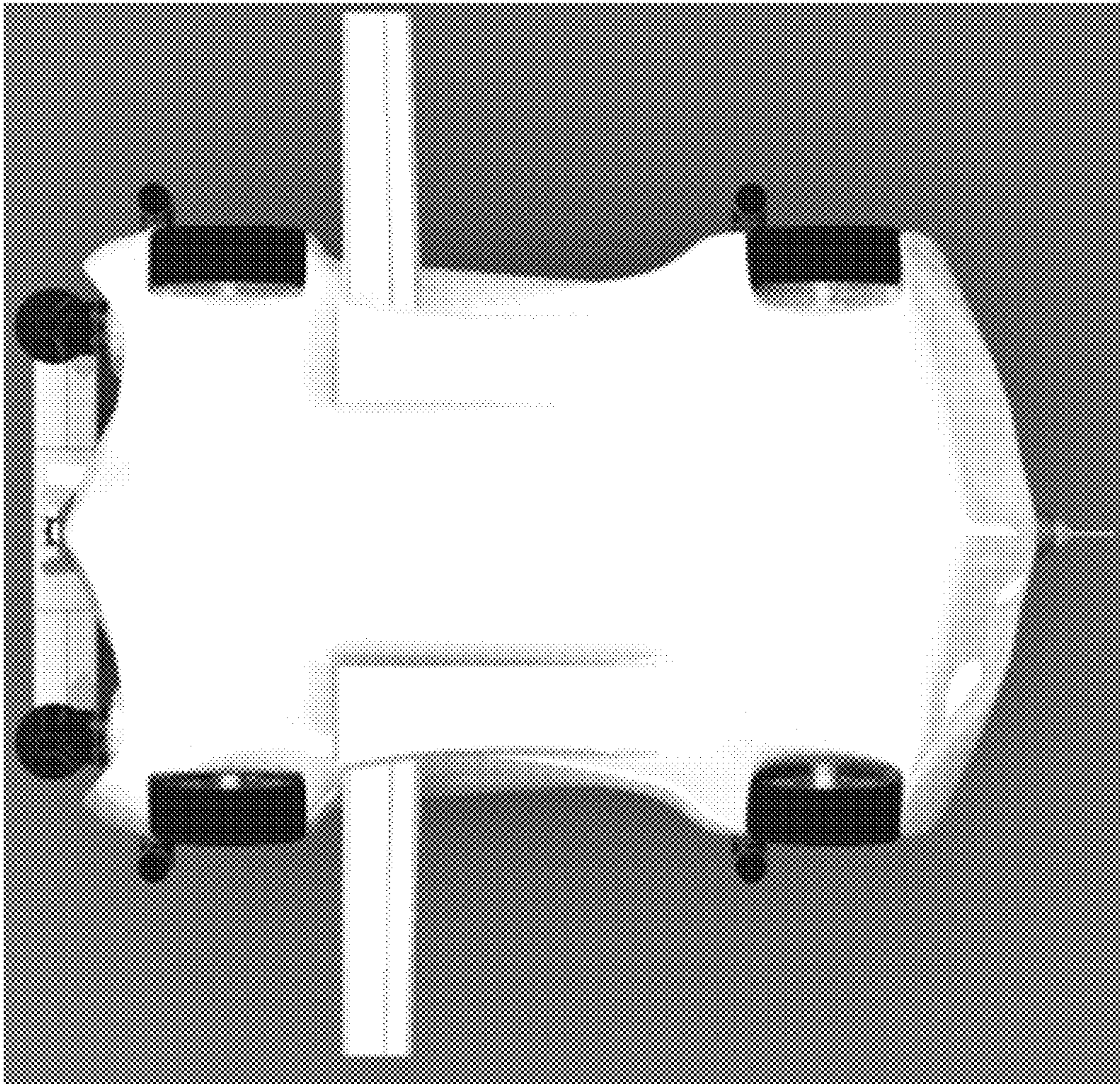


FIG. 7