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(12) **United States Design Patent**
Zhou

(10) **Patent No.:** **US D806,635 S**
(45) **Date of Patent:** **** Jan. 2, 2018**

(54) **AMPHIBIOUS UNMANNED VERTICAL TAKEOFF AND LANDING PERSONAL FLYING SUIT**

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

(21) Appl. No.: **29/577,357**

(22) Filed: **Sep. 12, 2016**

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 (Continued)

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

(52) **U.S. Cl.**
USPC **D12/326; D21/582; D21/576; D12/16.1**

(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,**
(Continued)

(56) **References Cited**

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(Continued)

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Assistant Examiner — Marissa J Cash

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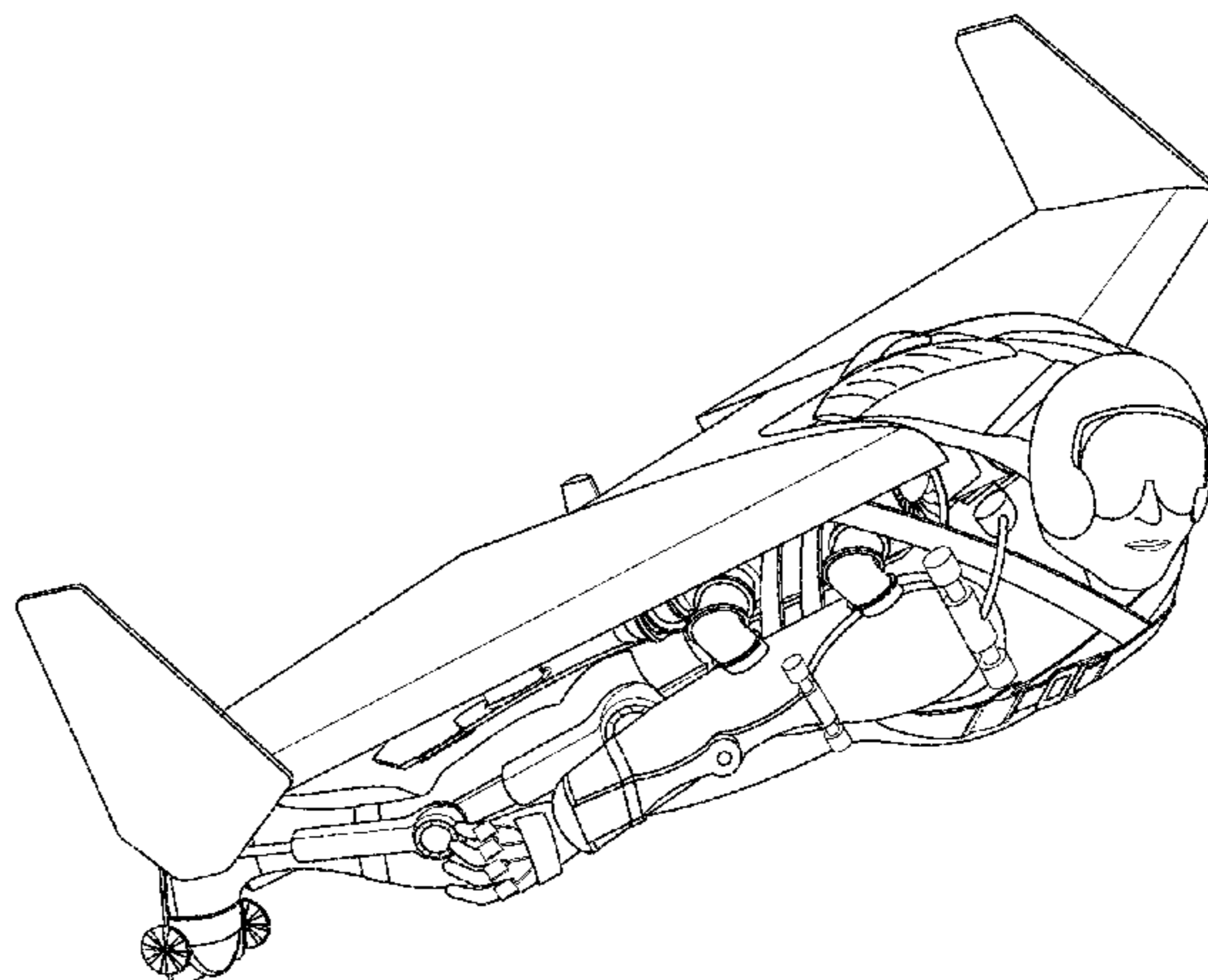
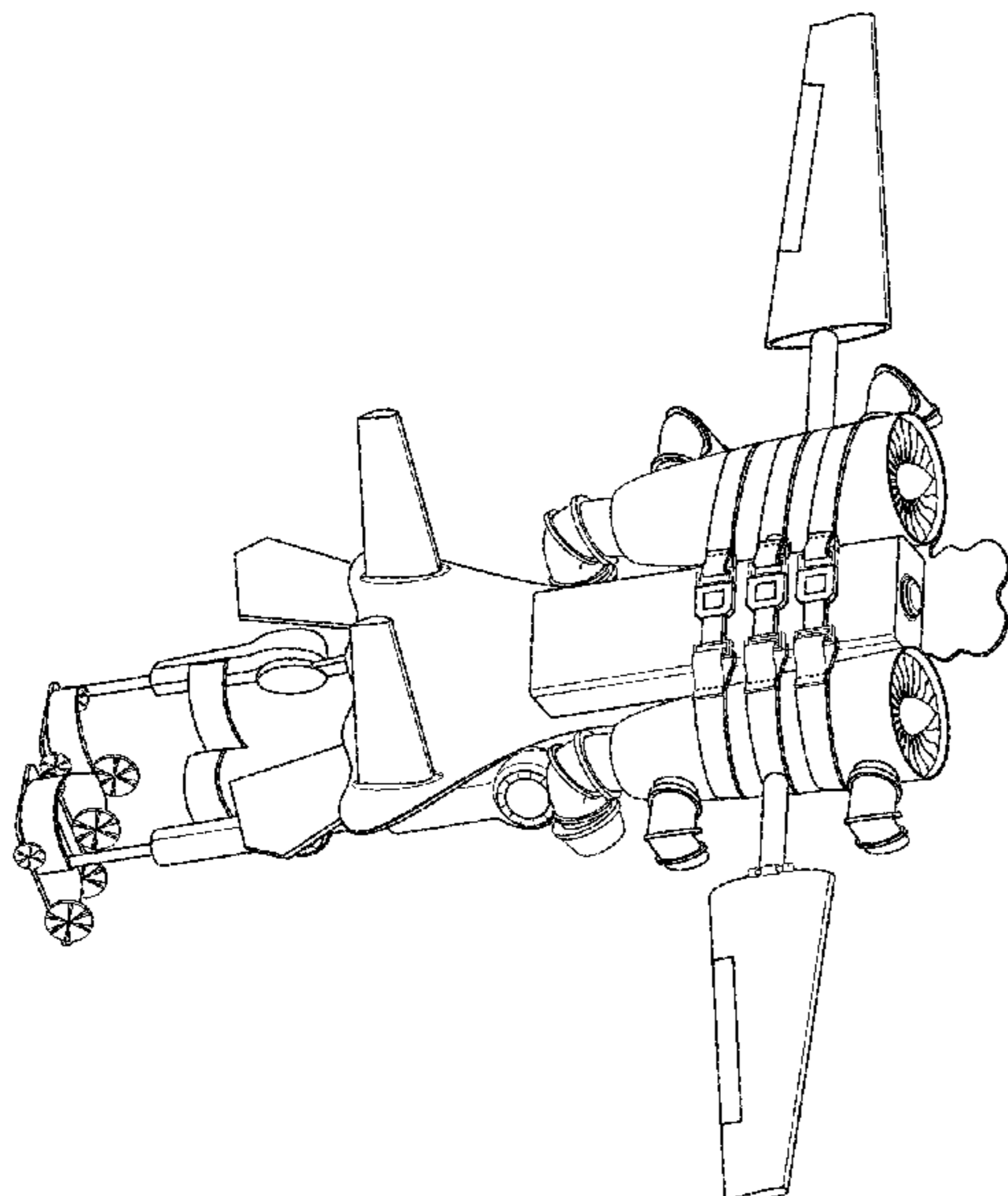
(57) **CLAIM**

We claim the ornamental design for an amphibious unmanned vertical takeoff and landing personal flying suit, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of an amphibious unmanned vertical takeoff and landing personal flying suit shown with exoskeleton flying suit removed for clarity of disclosure; FIG. 2 is a top perspective view thereof, shown in an alternate configuration of use, with wings extended; FIG. 3 is a front view thereof; FIG. 4 is a back view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a left side view thereof; FIG. 7 is a top view thereof; FIG. 8 is a bottom view thereof; FIG. 9 is a top rear perspective view of an amphibious unmanned vertical takeoff and landing personal flying suit with wings in an alternate configuration of use; FIG. 10 is a top rear perspective view thereof, shown with wings extended; FIG. 11 is a front view thereof; FIG. 12 is a back view thereof; FIG. 13 is a right side view thereof; FIG. 14 is a left side view thereof; FIG. 15 is top view thereof; FIG. 16 is a bottom view thereof; FIG. 17 is a bottom perspective view of an amphibious unmanned vertical takeoff and landing personal flying suit shown in an alternate configuration of use, with parachutes deployed; FIG. 18 is a top side perspective view thereof with payload wings deployed; FIG. 19 is a back perspective view thereof with wings in folded configuration of use; and, FIG. 20 is a perspective view thereof, shown in an alternate configuration of use with wings and engine nozzles deployed, shown in an environment of use. The broken lines in the drawings represent unclaimed environmental subject matter and form no part of the claim.

1 Claim, 20 Drawing Sheets



Related U.S. Application Data

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, which is a continuation-in-part of application No. 14/034,509, filed on Sep. 23, 2013, now Pat. No. 9,510,277.

(58) **Field of Classification Search**

USPC D21/441, 447, 448, 449, 450, 452, 453, D21/454, 455, 424, 533, 833, 578, 579, D21/581, 582

CPC B64C 1/062; B64C 39/024; B64C 27/08
See application file for complete search history.

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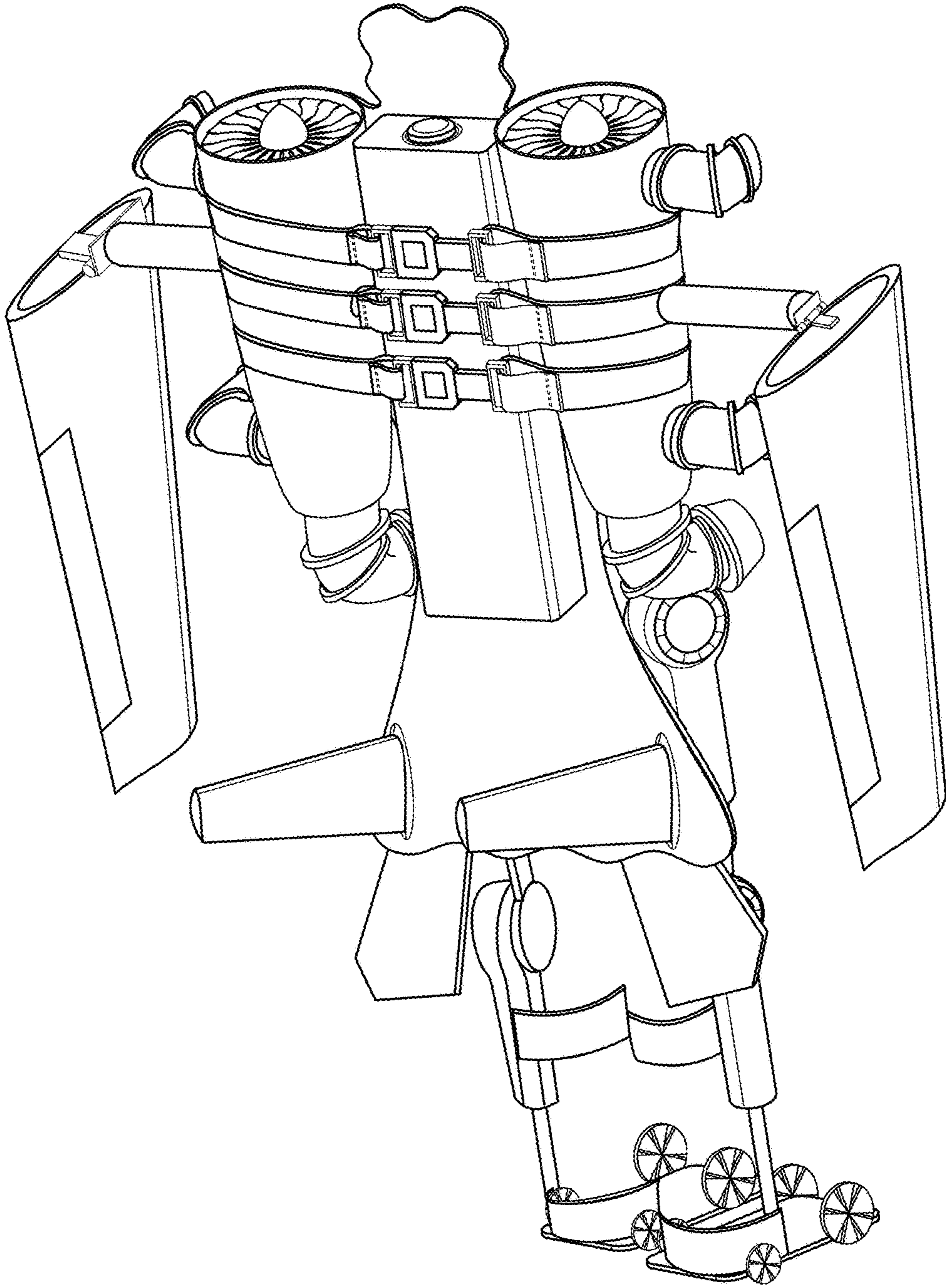
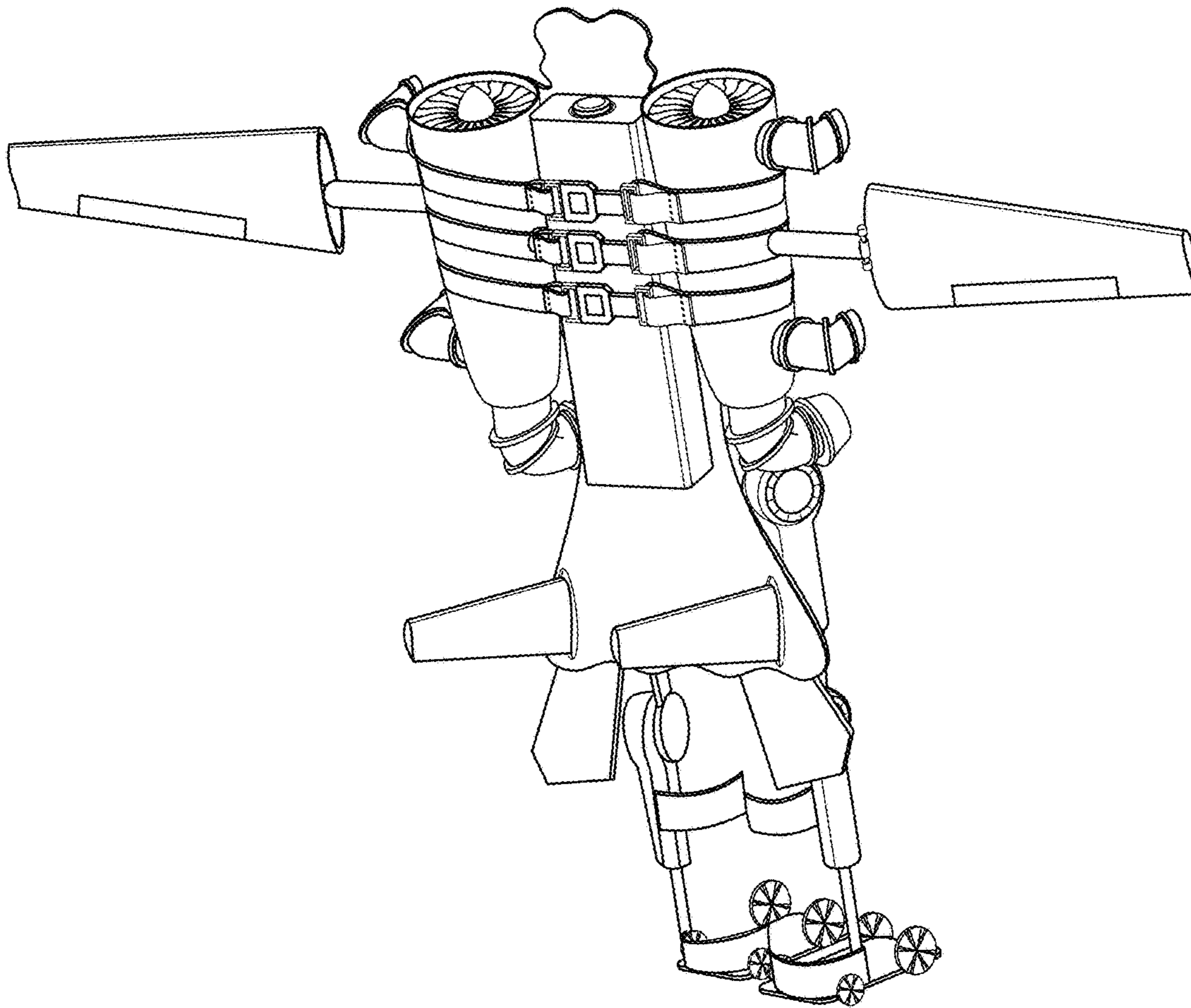


FIG. 1

FIG. 2



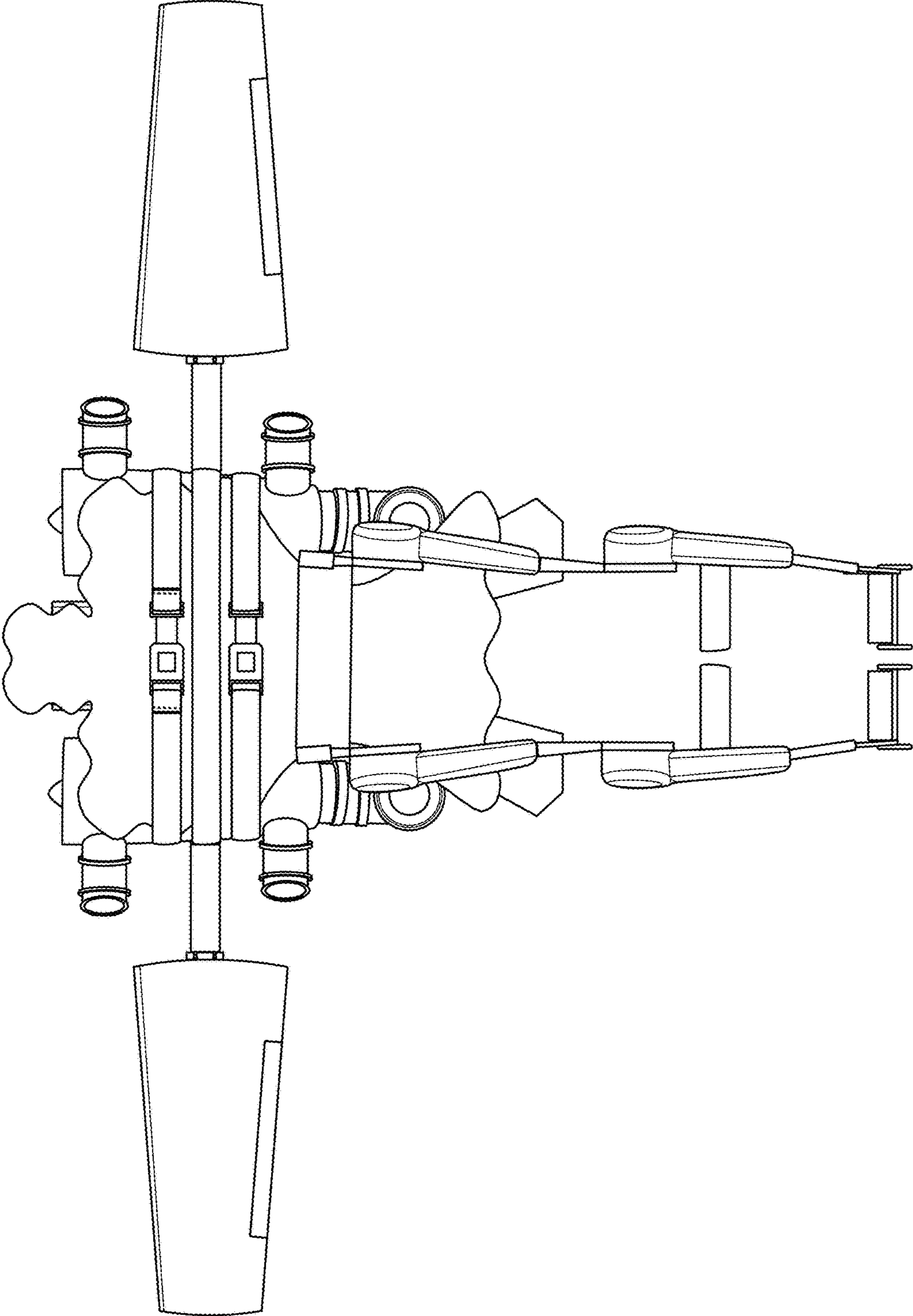


FIG. 3

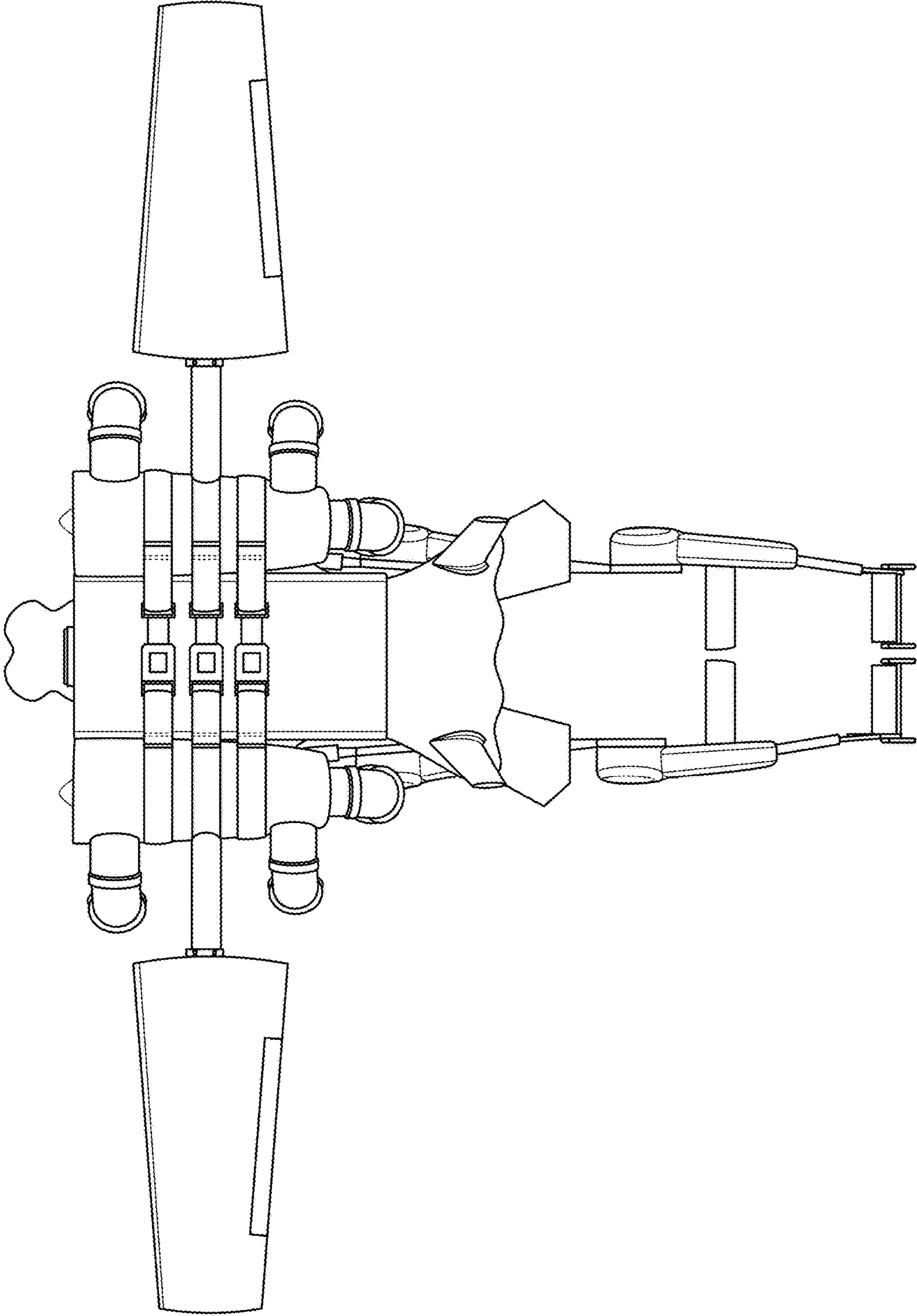


FIG. 4

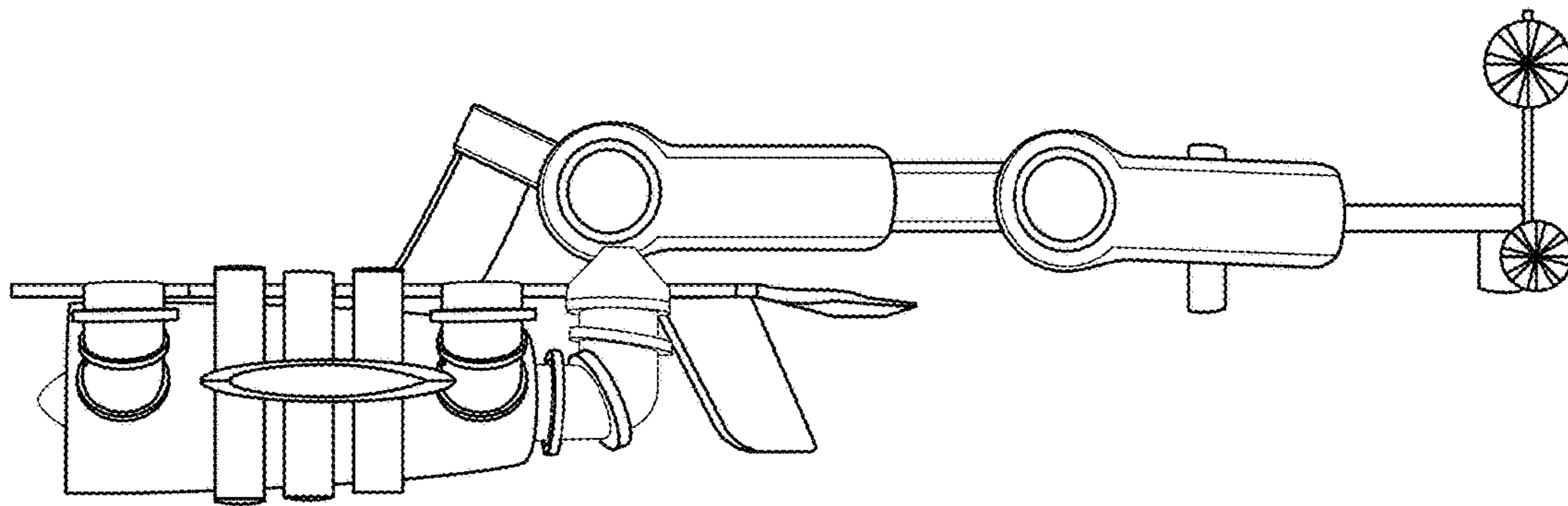


FIG. 5

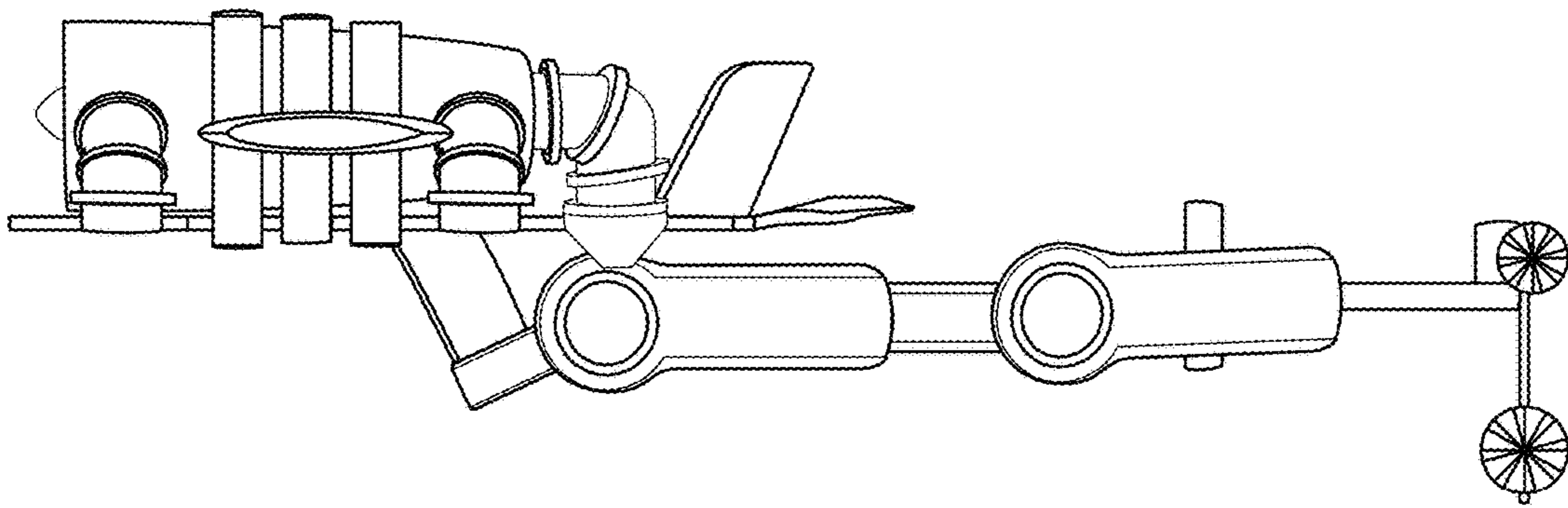


FIG. 6

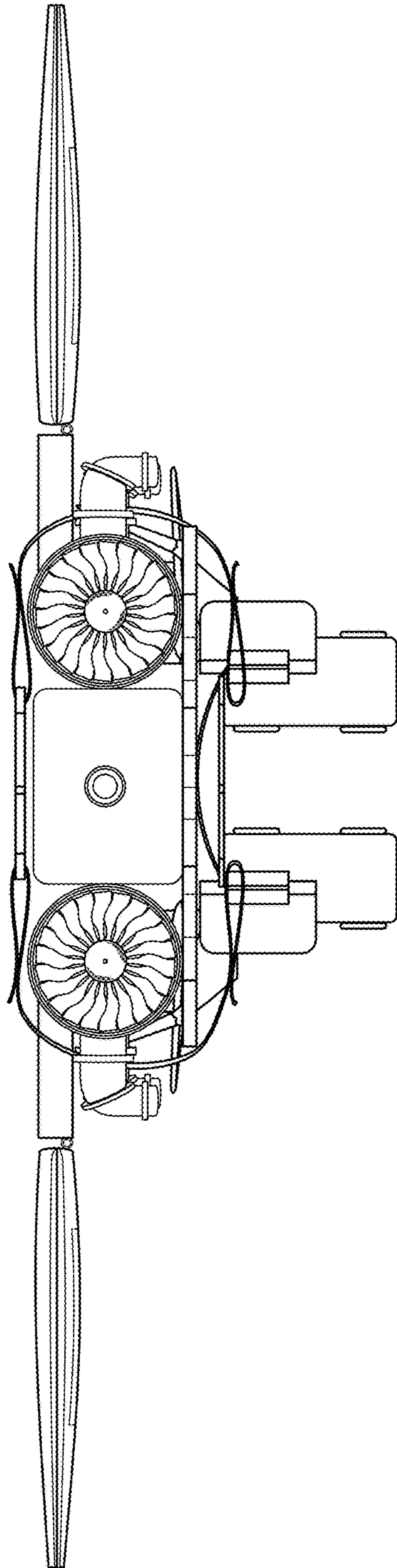


FIG. 7

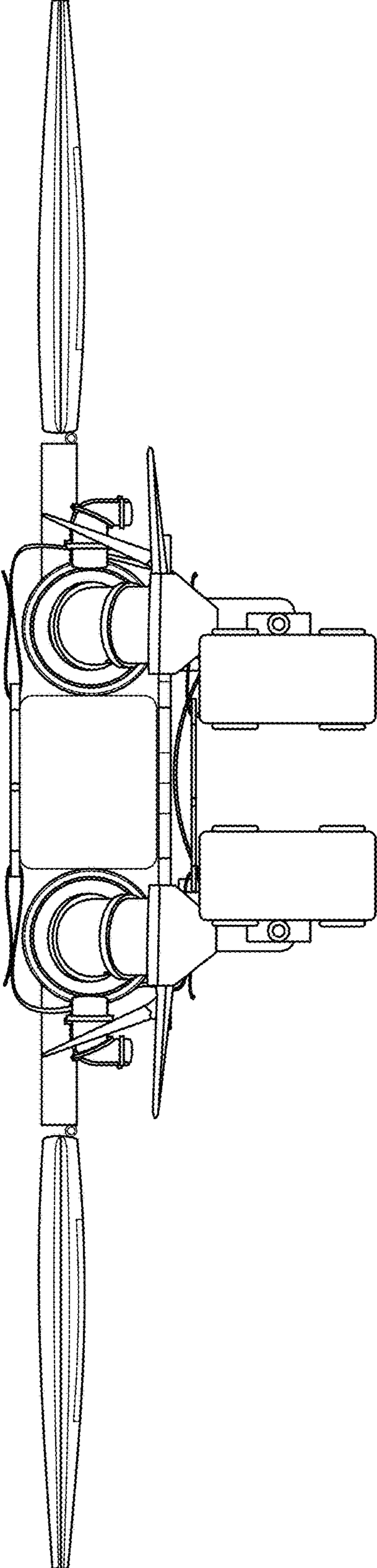


FIG. 8

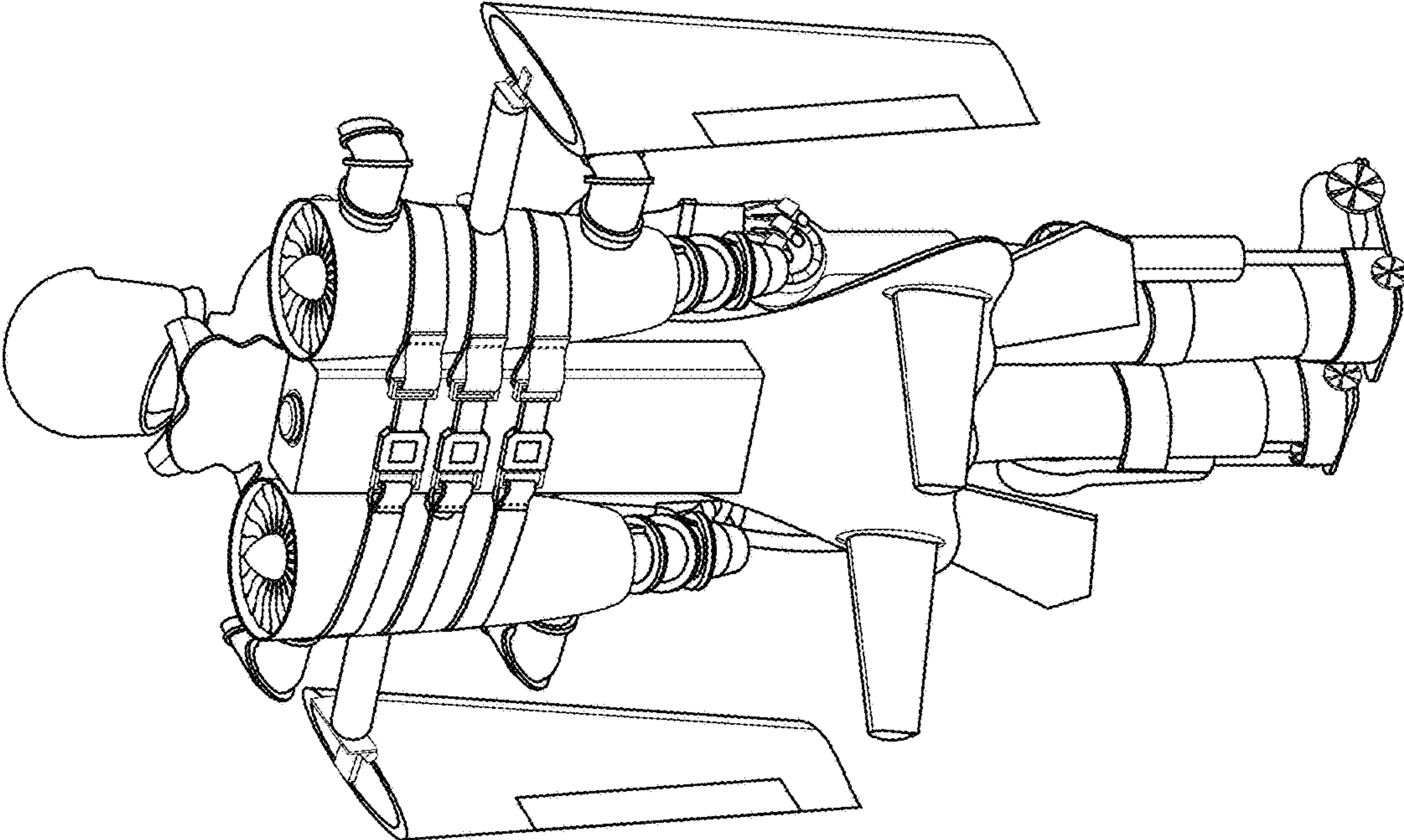


FIG. 9

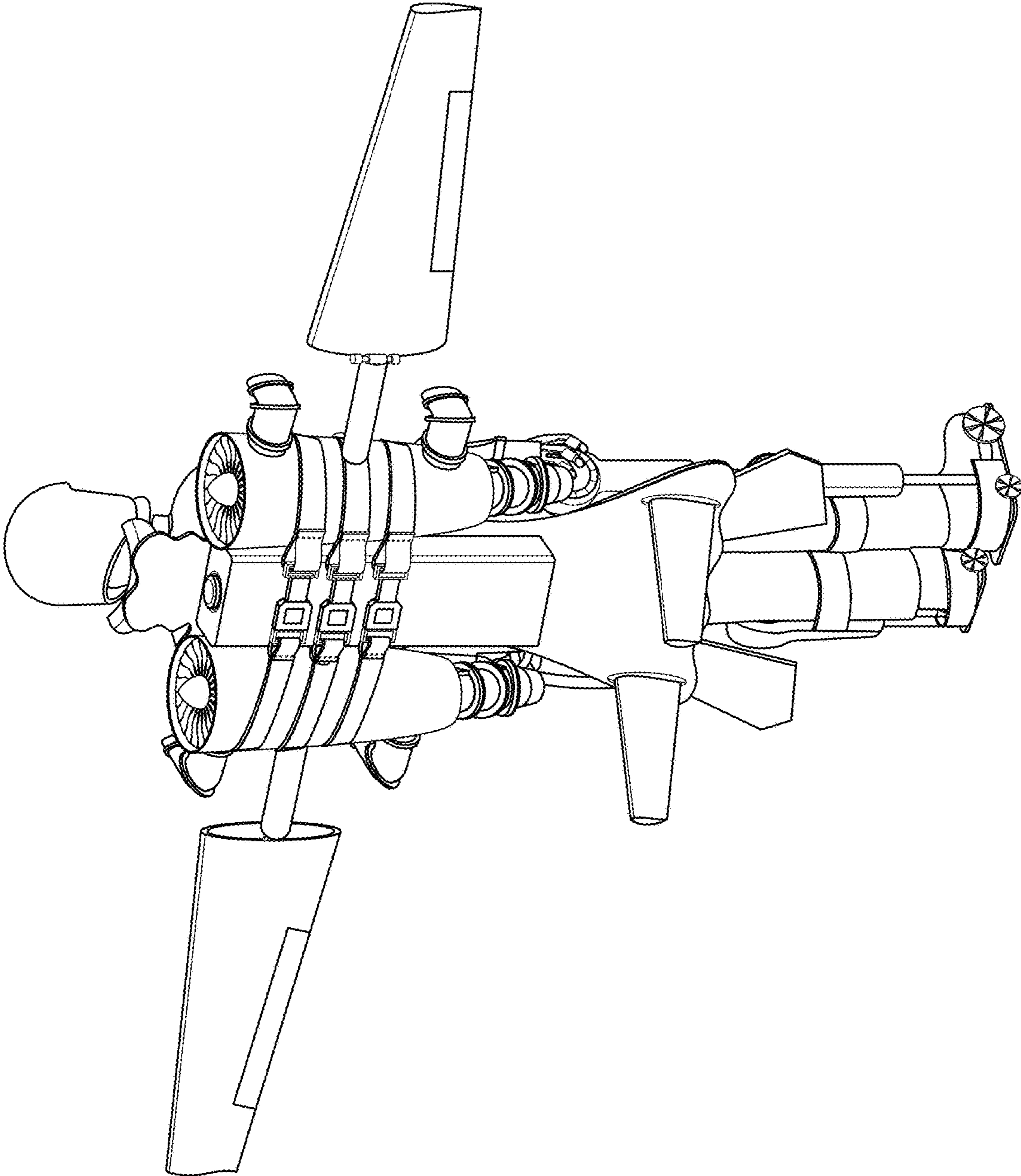


FIG. 10

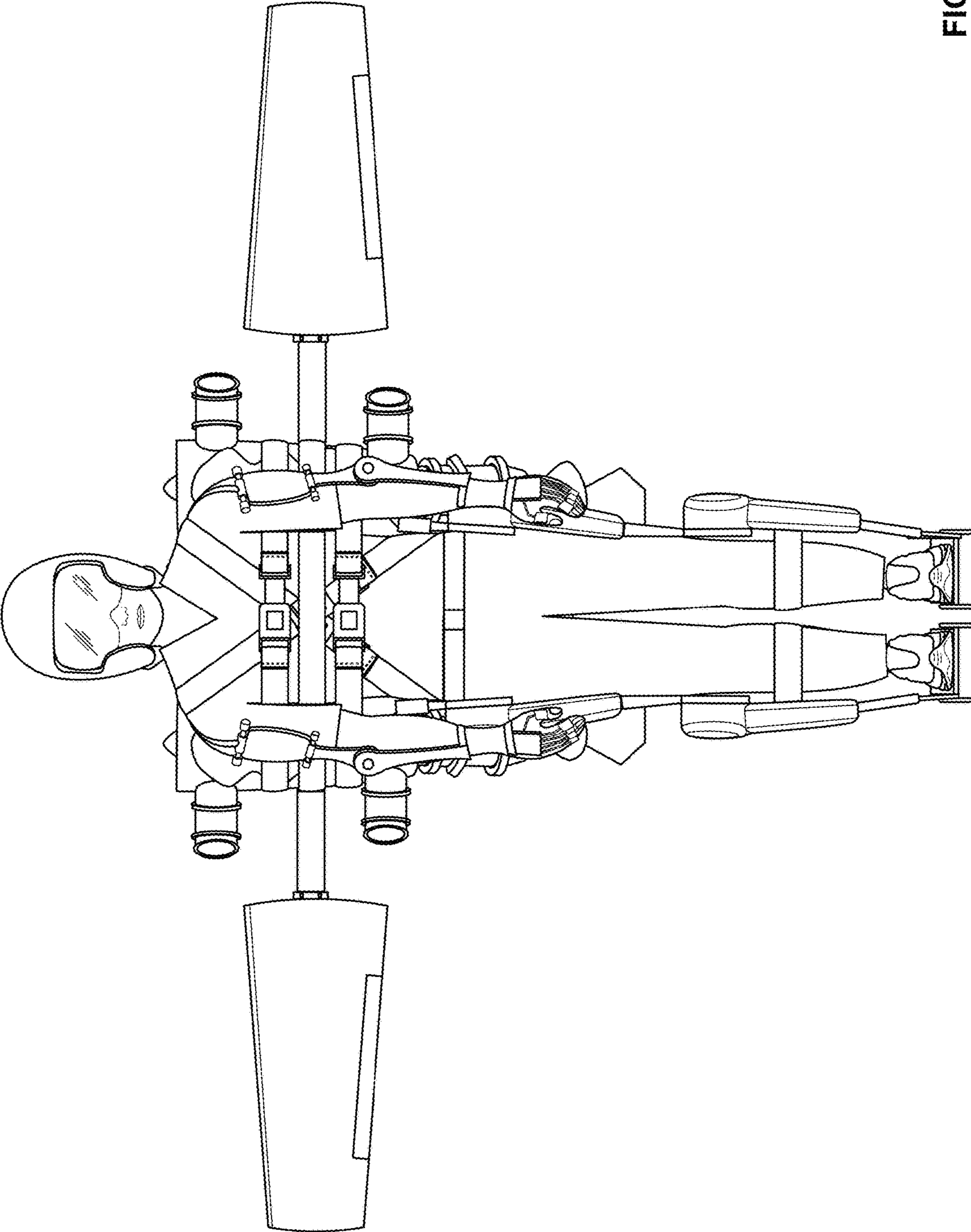


FIG. 11

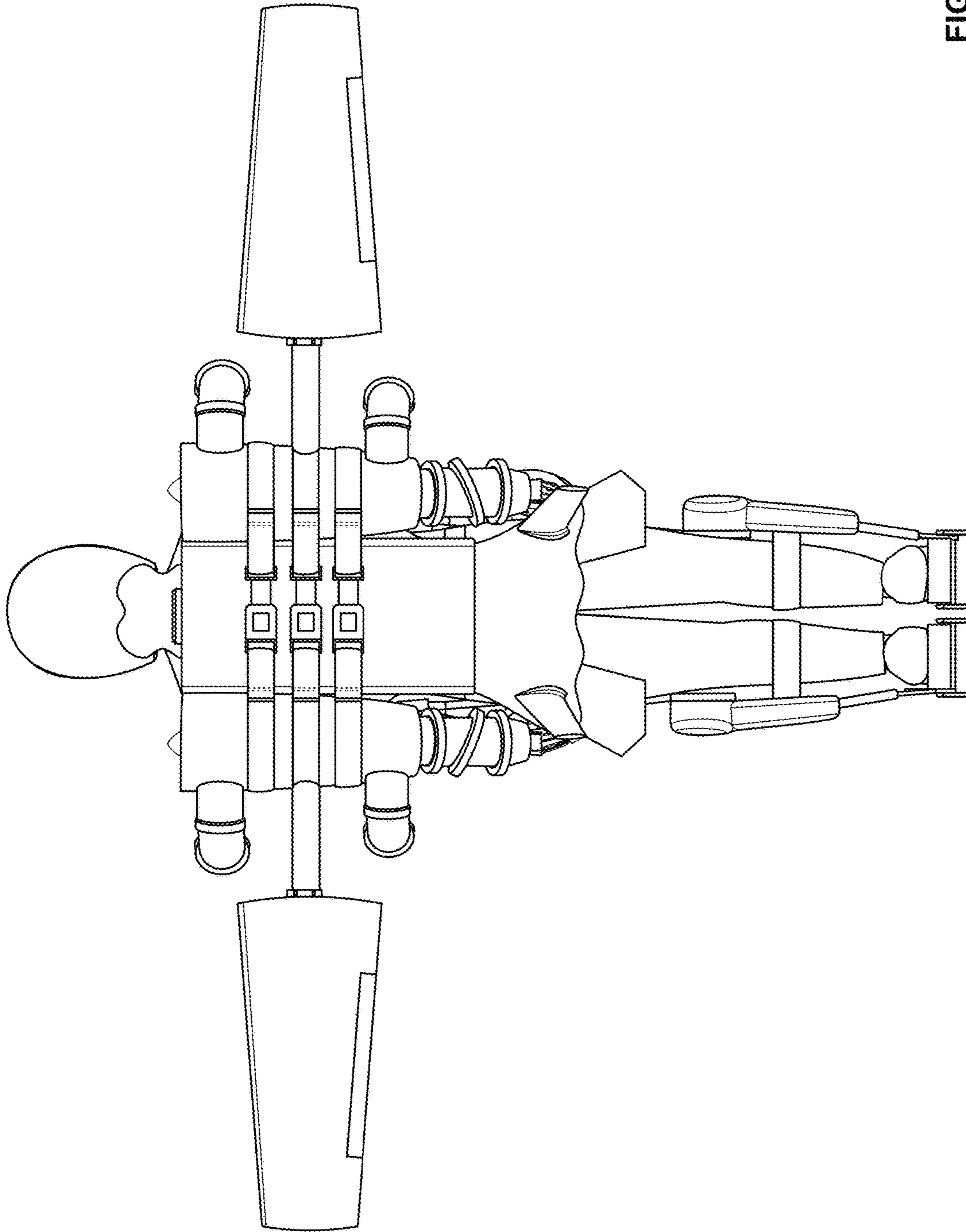


FIG. 12

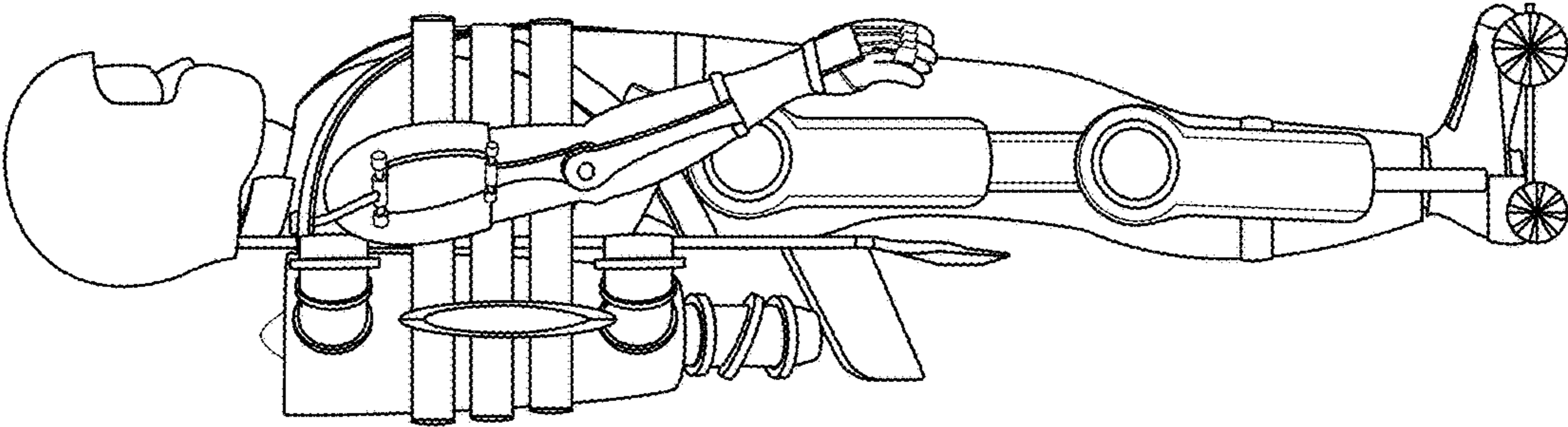


FIG. 13

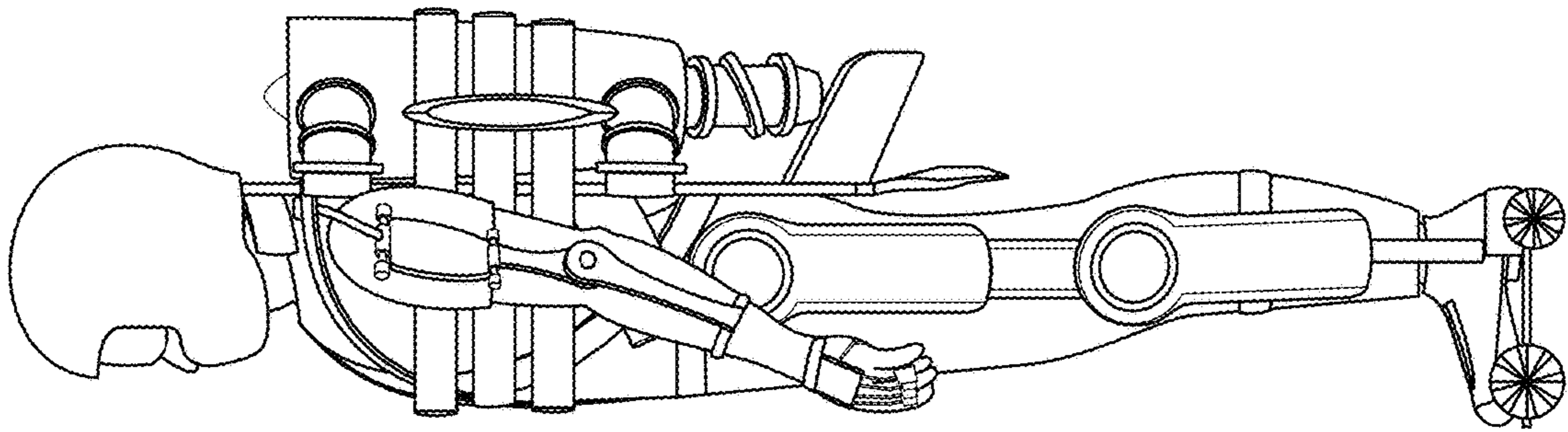


FIG. 14

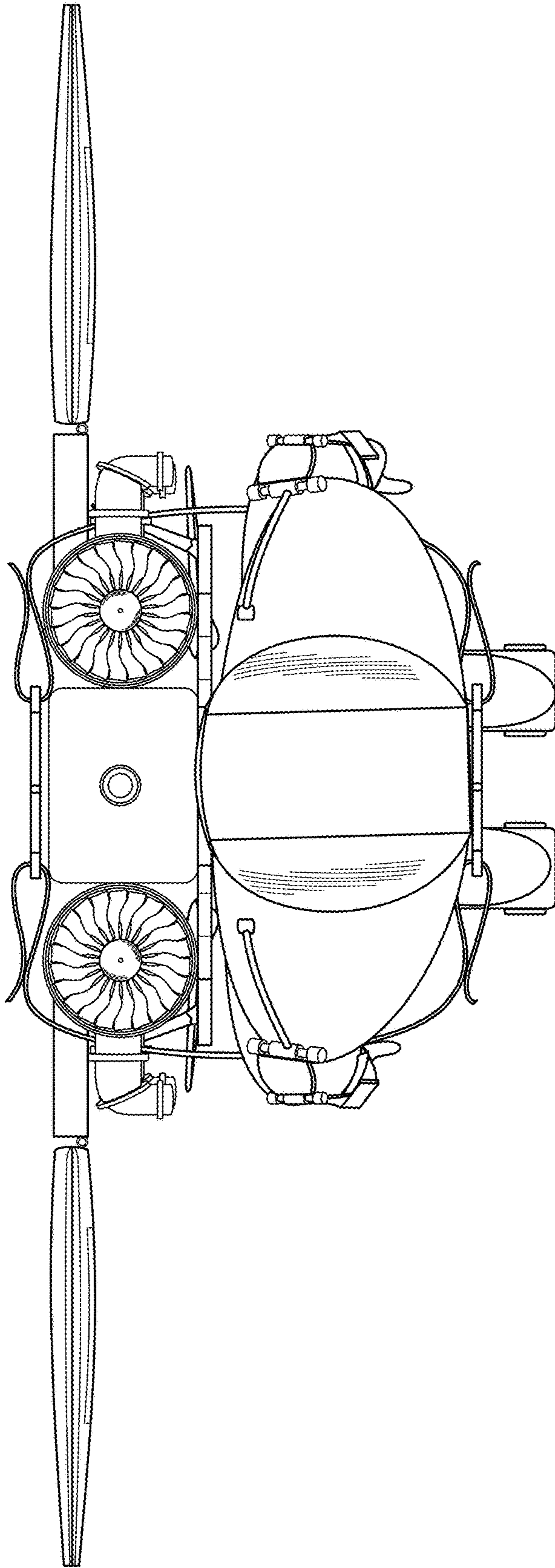


FIG. 15

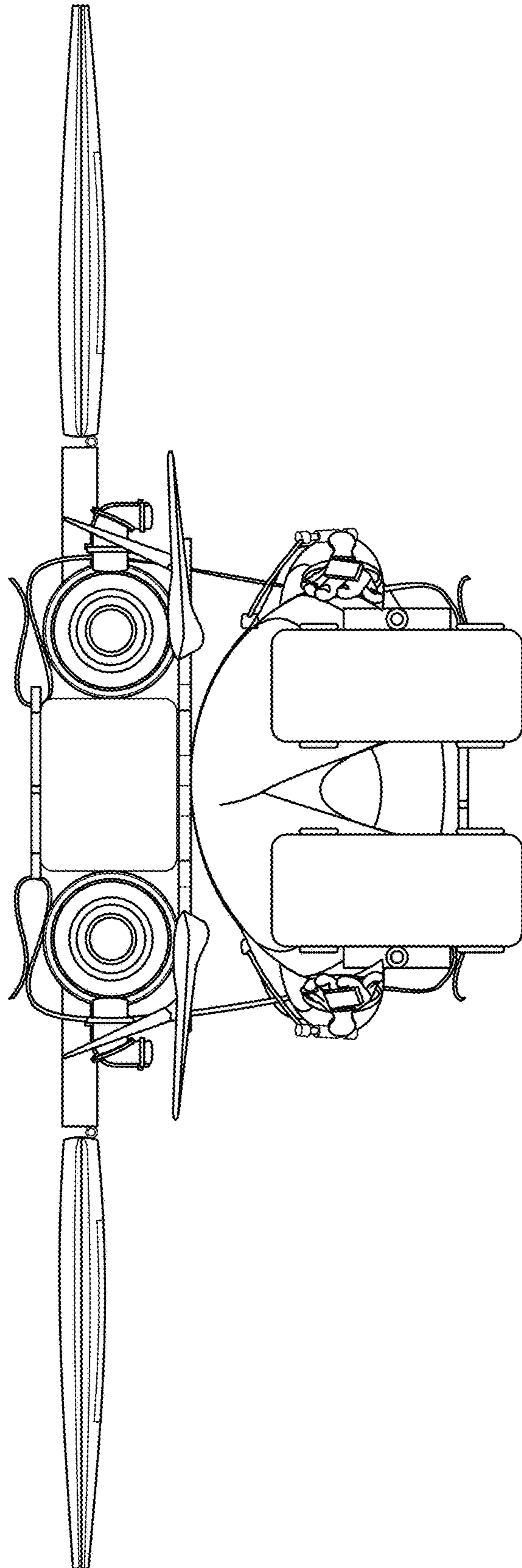


FIG. 16

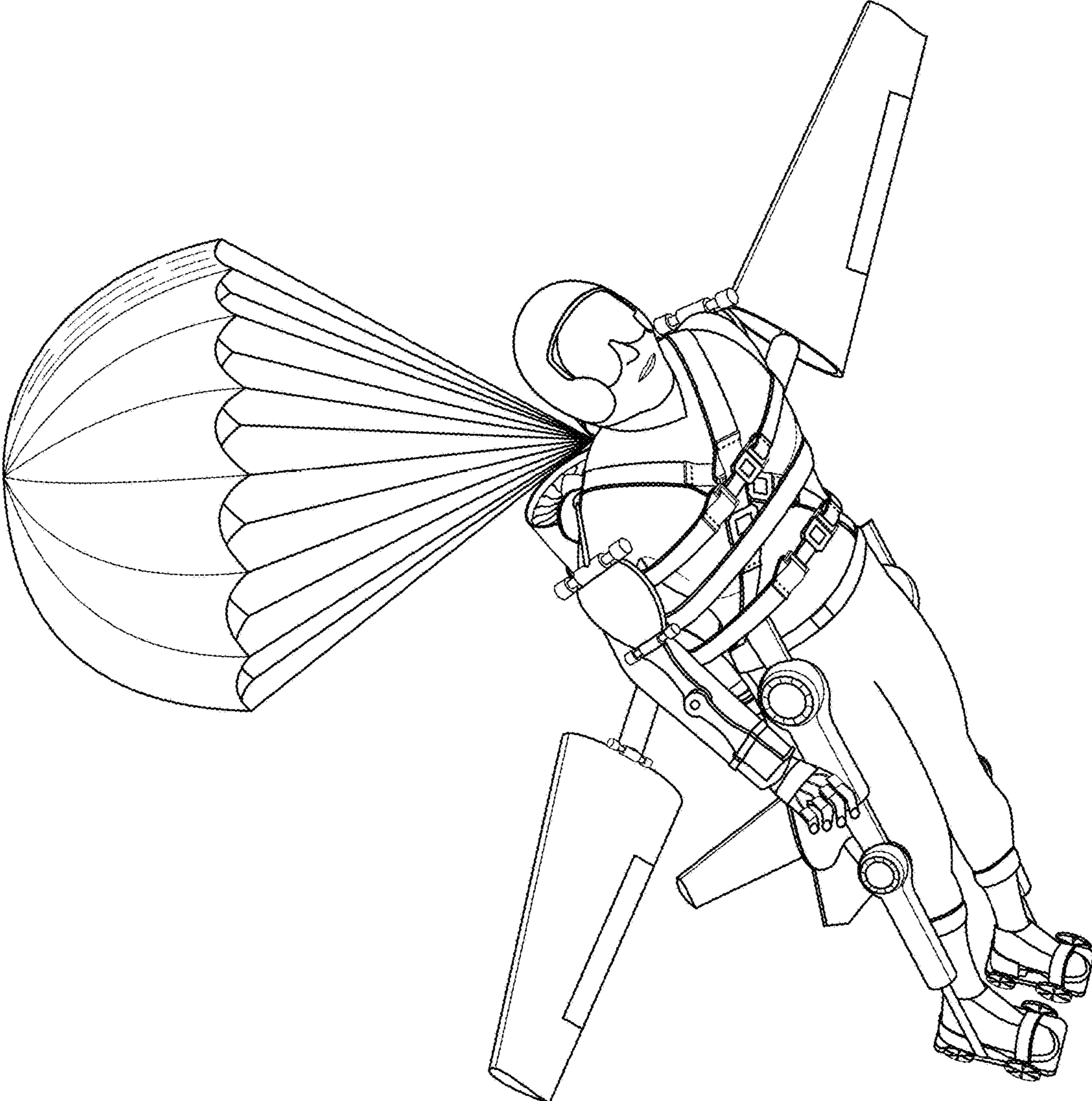


FIG. 17

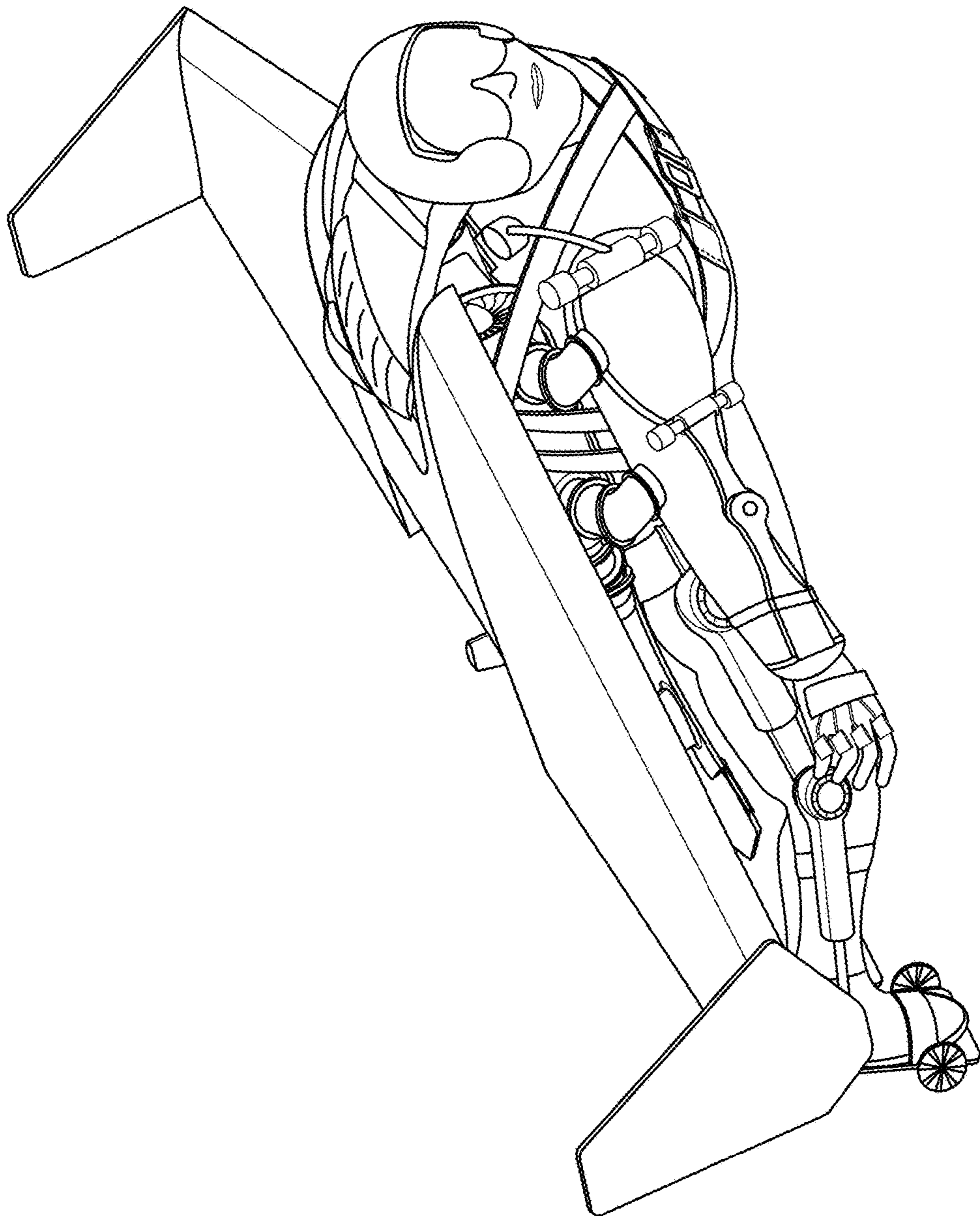


FIG. 18

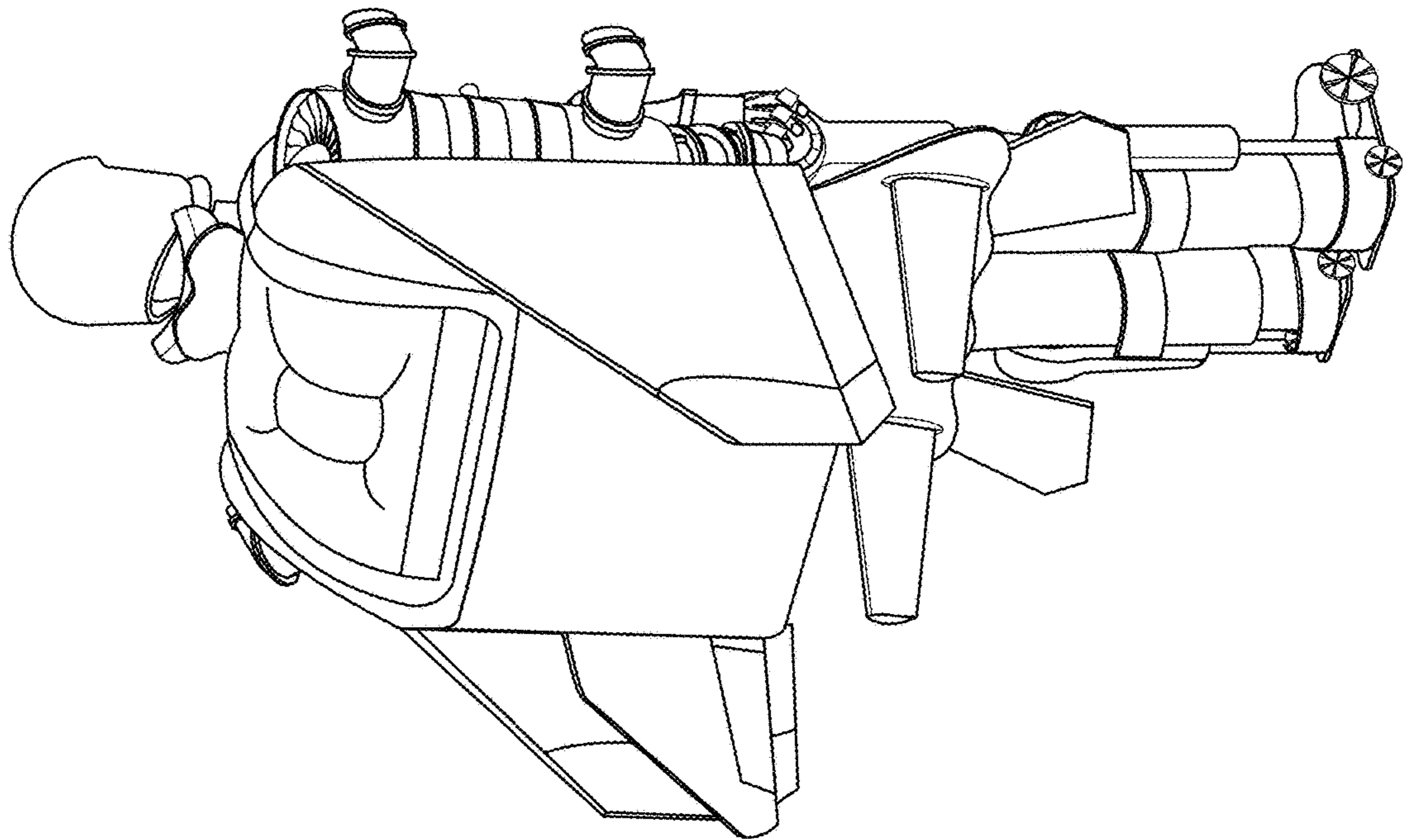


FIG. 19

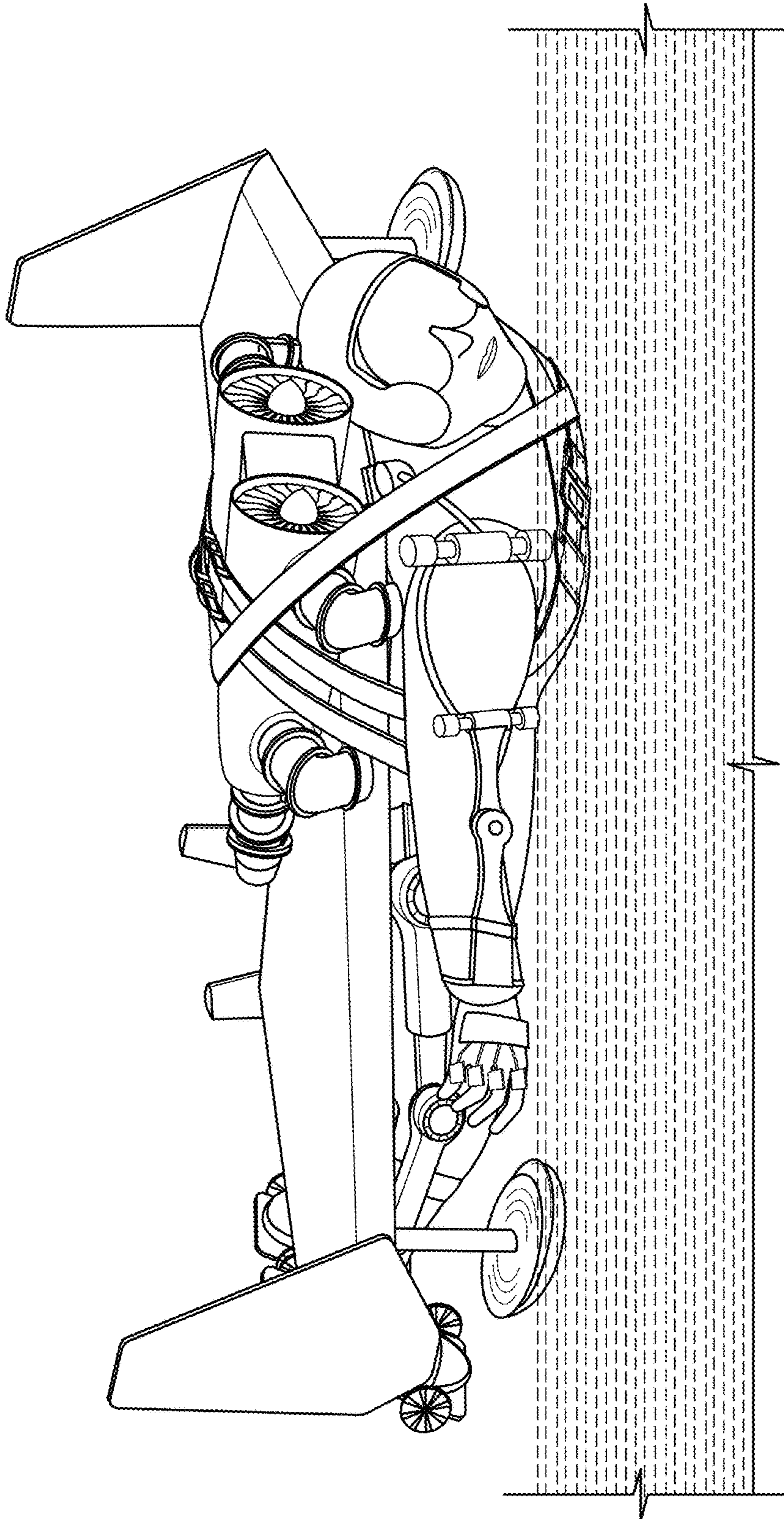


FIG. 20