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(12) United States Design Patent

Xi et al.

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(54) **UNIVERSAL CHASSIS FOR TRANSFER ROBOT**

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

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(30) **Foreign Application Priority Data**

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CPC ***A63C 17/12*** (2013.01)
(58) **Field of Classification Search**
USPC D12/1, 419–435; D21/533, 537, 760, D21/765, 771; D15/199; 280/200, 210, 280/214, 239, 263, 282, 288.1–288.4; 180/180, 181, 21, 8.2, 5.26, 6.5, 7.1, 180/65.8, 907
CPC A63C 17/12; A63C 17/08; A63C 17/01; B62D 51/02; B62D 51/001; B62D 37/00; B62K 11/007; B60N 2/002; B60G 17/019
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,918,209	B2 *	12/2014	Rosenstein	B25J 11/009 700/254
D791,208	S *	7/2017	Hale	D15/199
D837,855	S *	1/2019	Chen	D15/199
D839,334	S *	1/2019	Chen	D15/199
D841,711	S *	2/2019	Liu	D15/199
D852,891	S *	7/2019	Yao	D21/423
D853,461	S *	7/2019	Cheikh	D15/199

* cited by examiner

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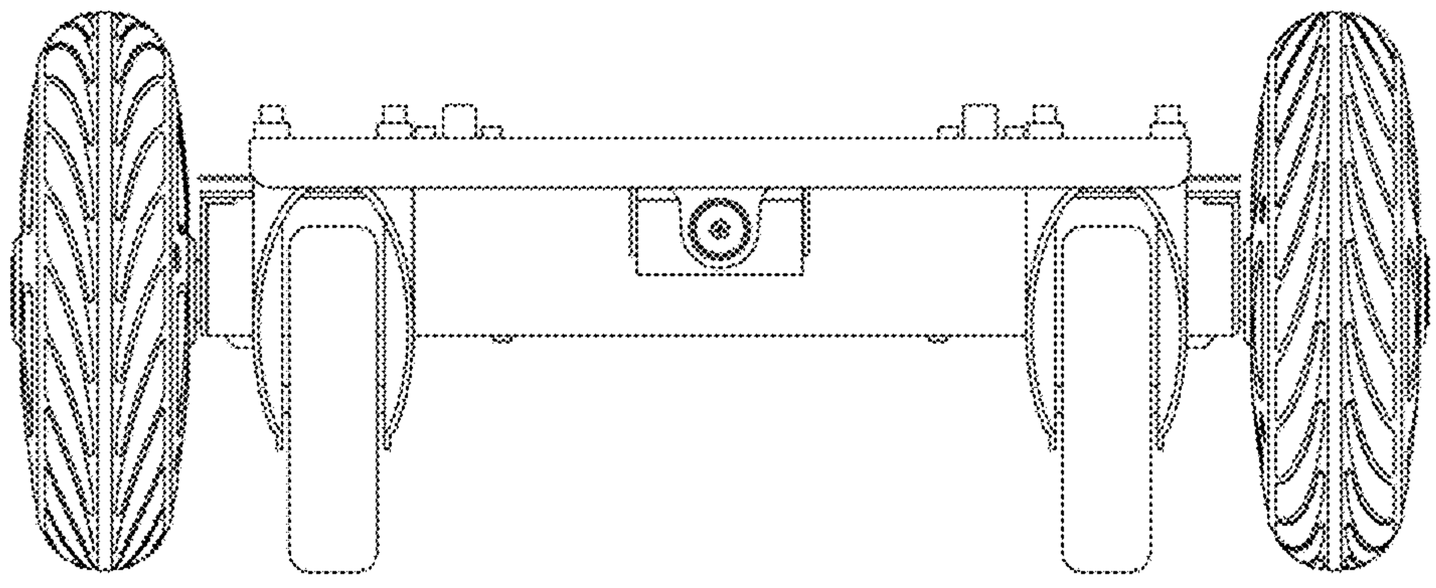
(57) **CLAIM**

The ornamental design for an universal chassis for transfer robot, as shown and described.

DESCRIPTION

1. Universal chassis for transfer robot
1.1 : Front
1.2 : Back
1.3 : Left
1.4 : Right
1.5 : Top
1.6 : Bottom
1.7 : Perspective
1.8 : Perspective
1.9 : Back view of a using state
1.10 : Perspective view of a using state
1.11 : Back view of another using state
1.12 : Perspective view of another using state

1 Claim, 12 Drawing Sheets



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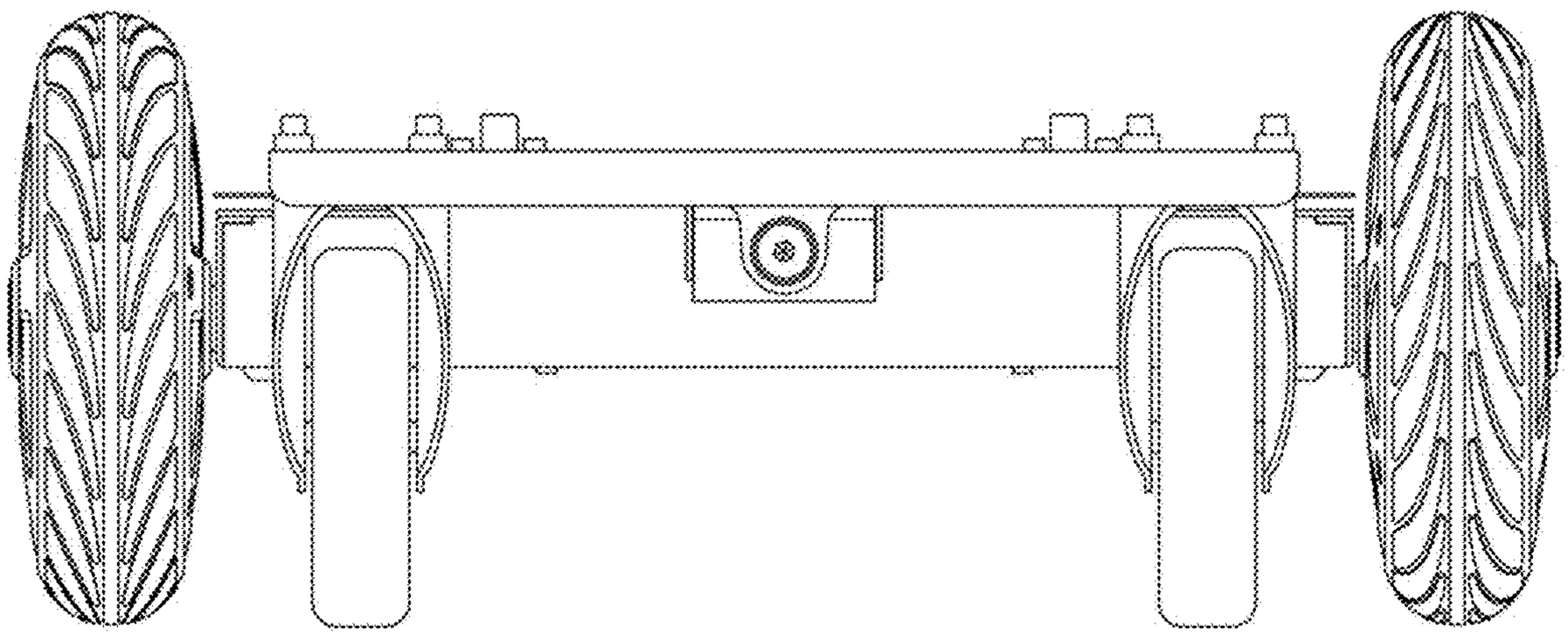

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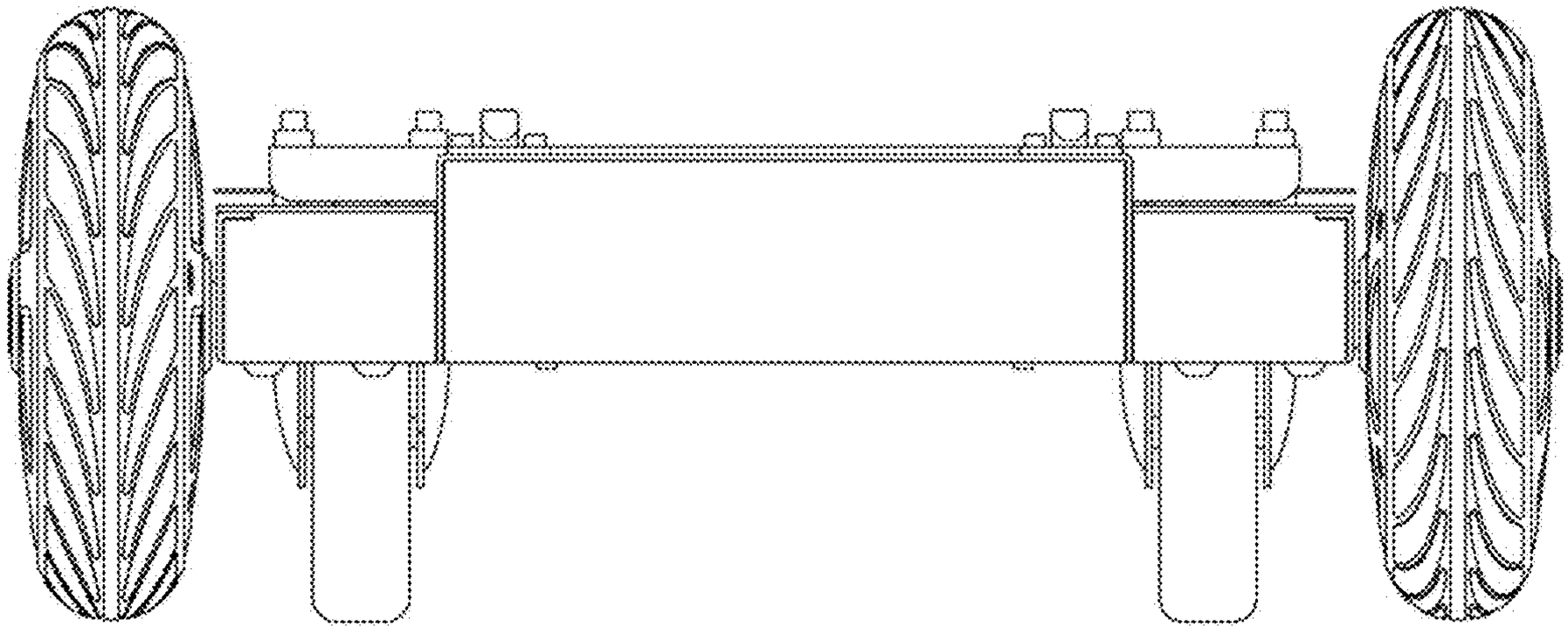

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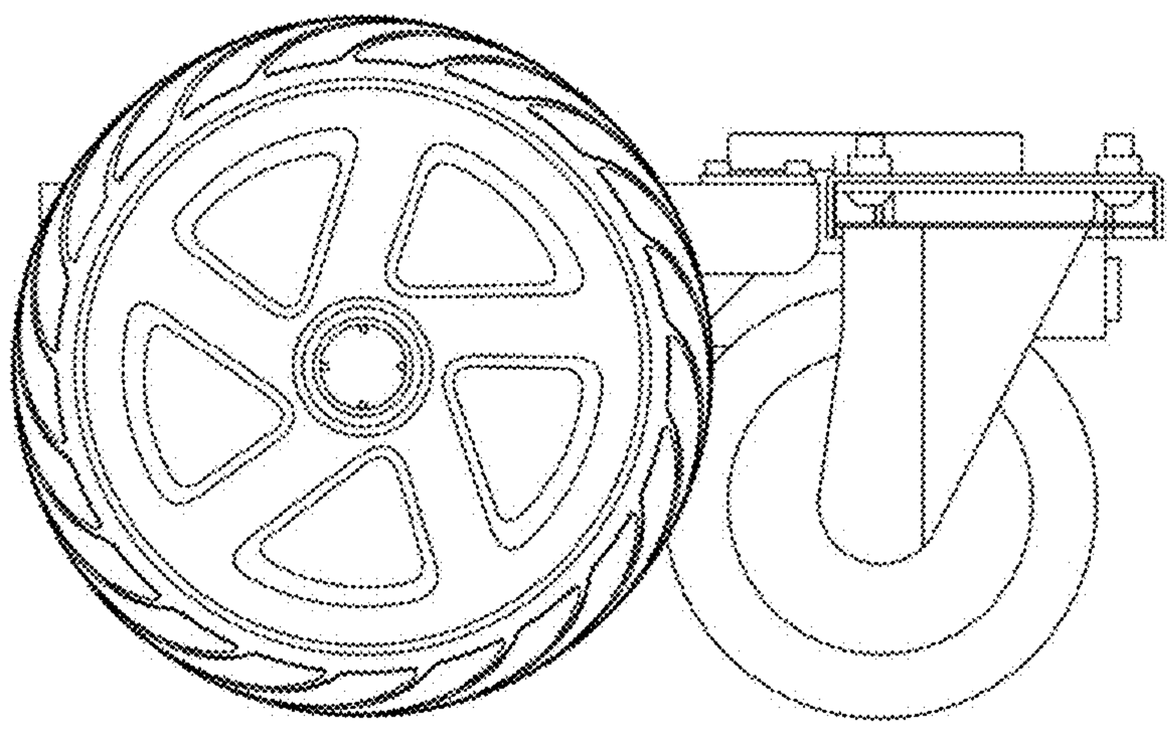

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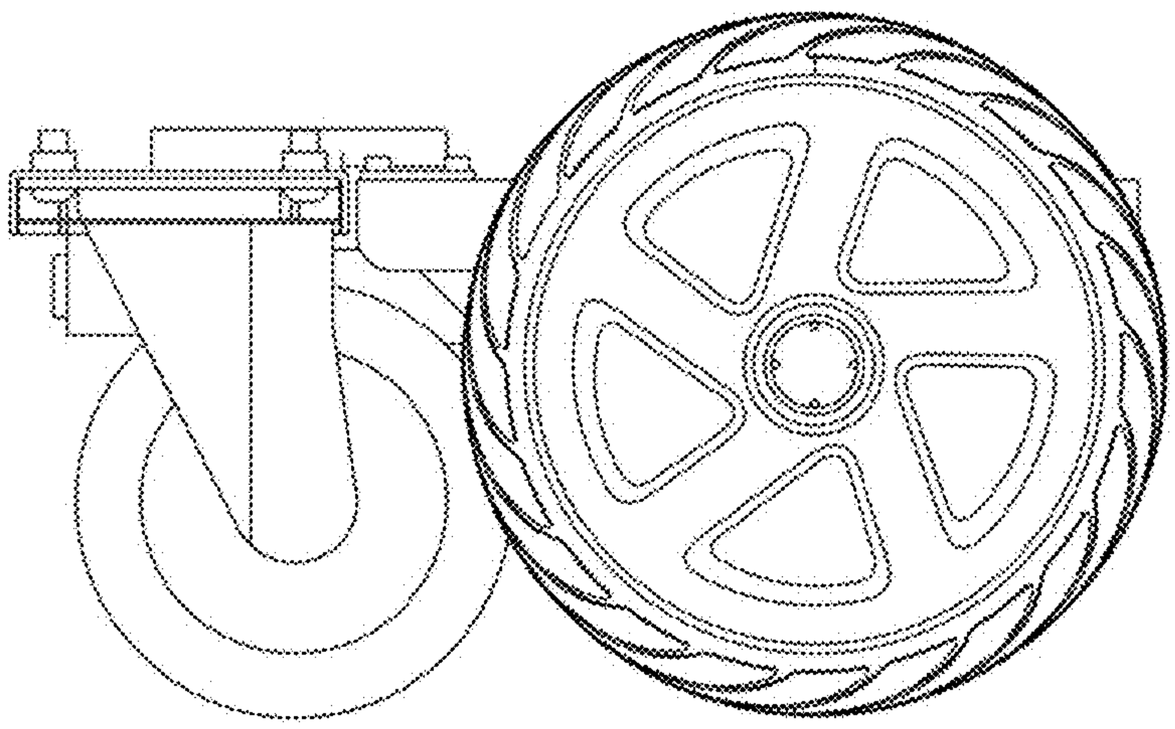

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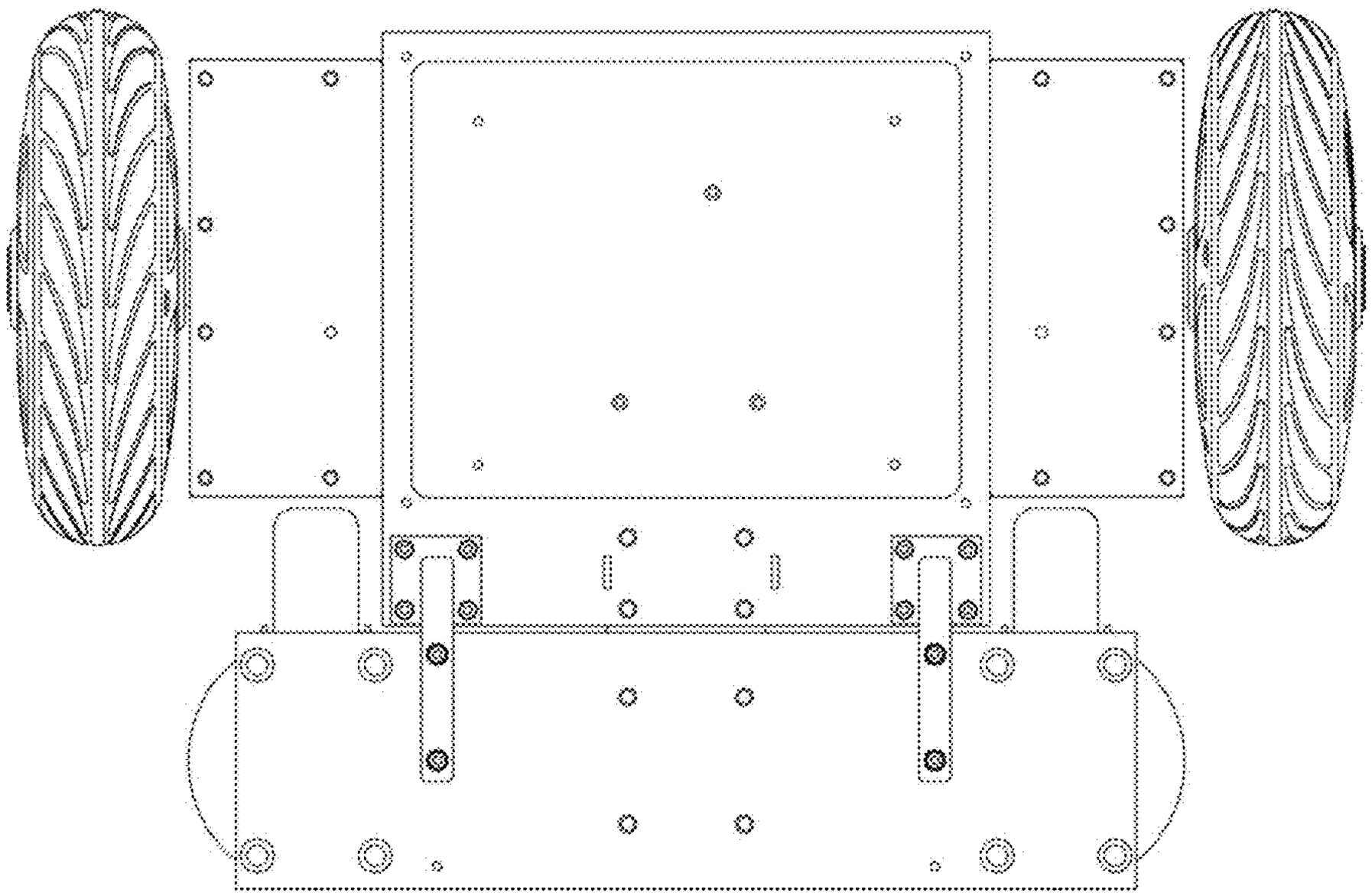

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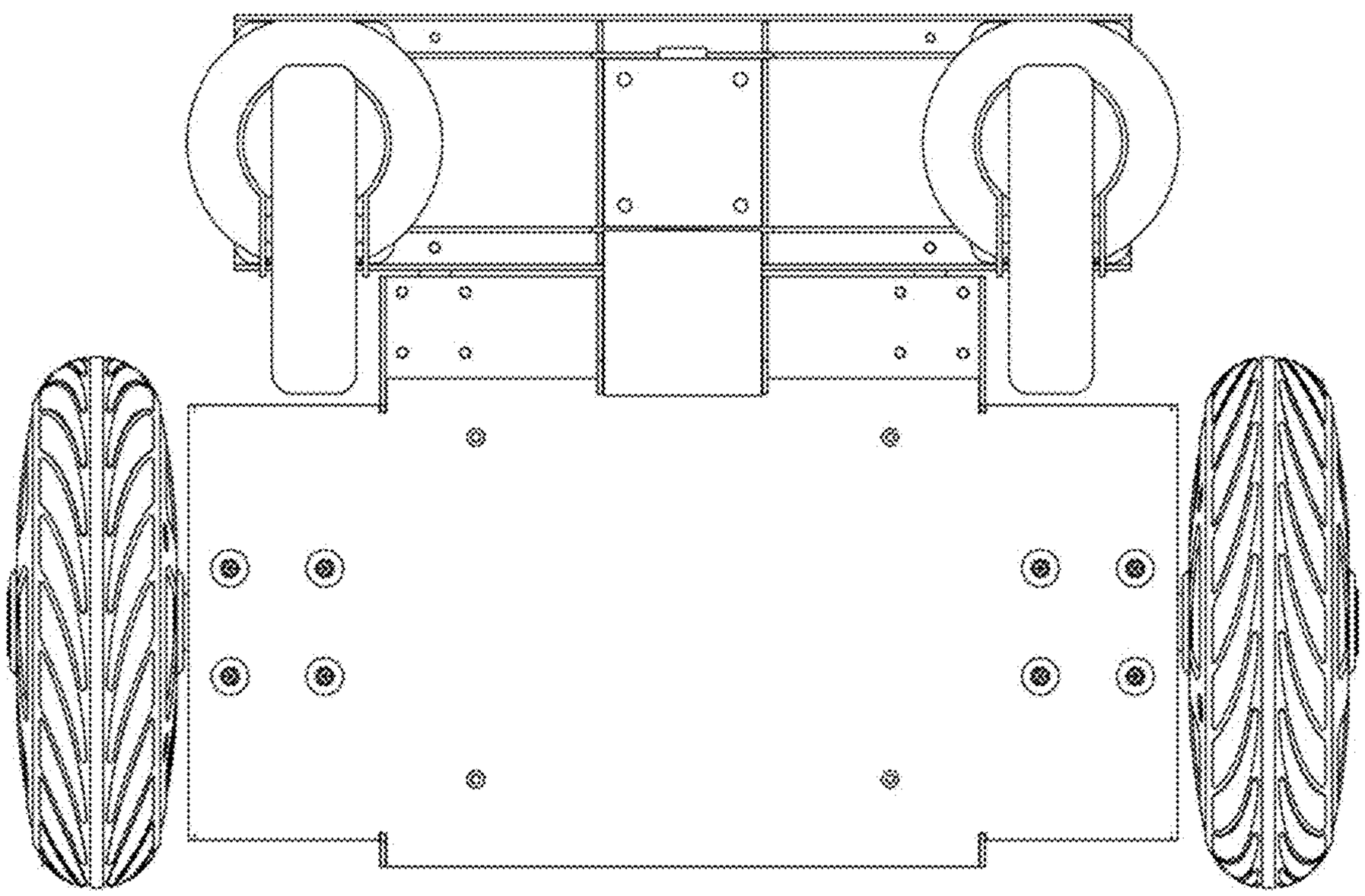

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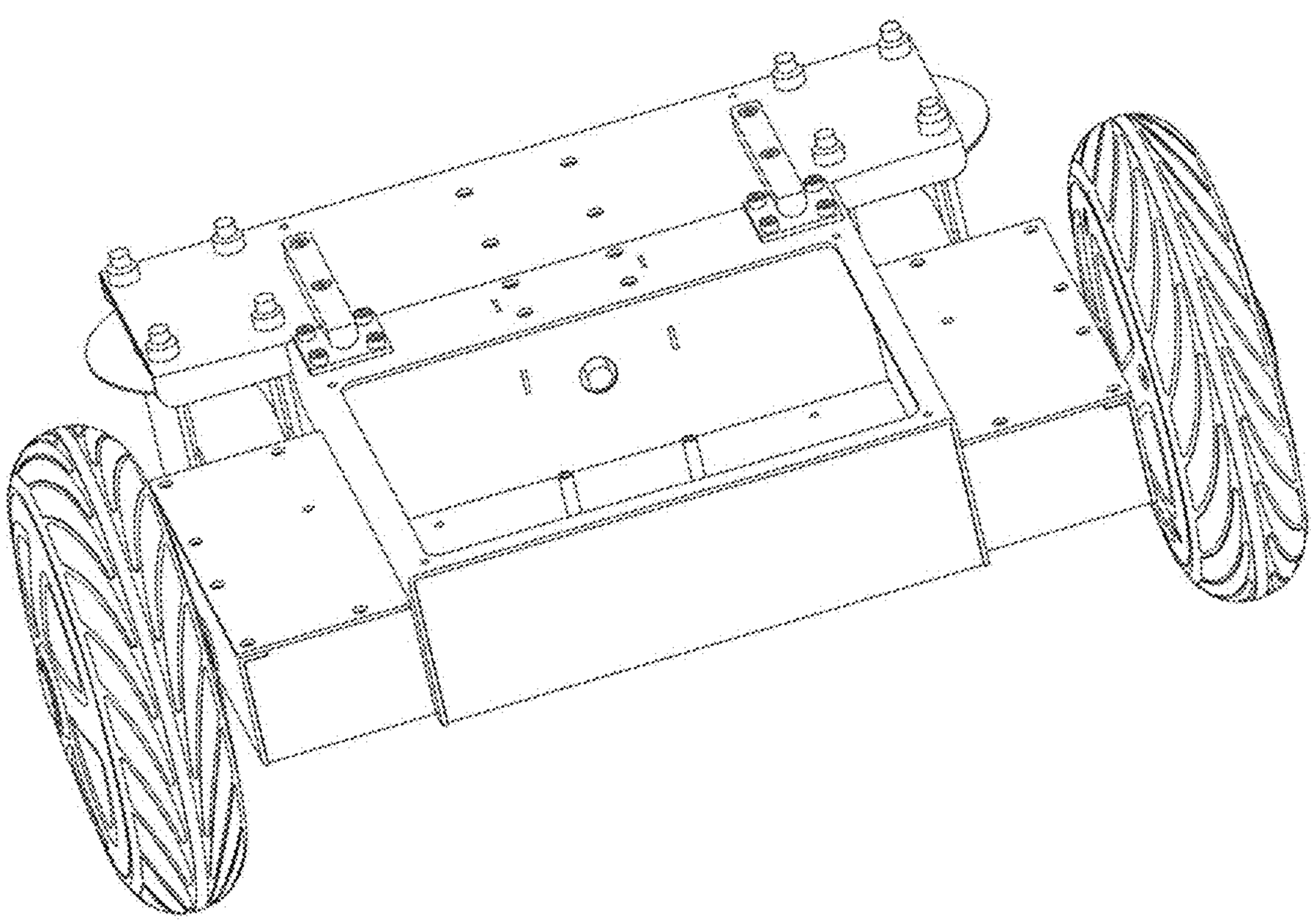

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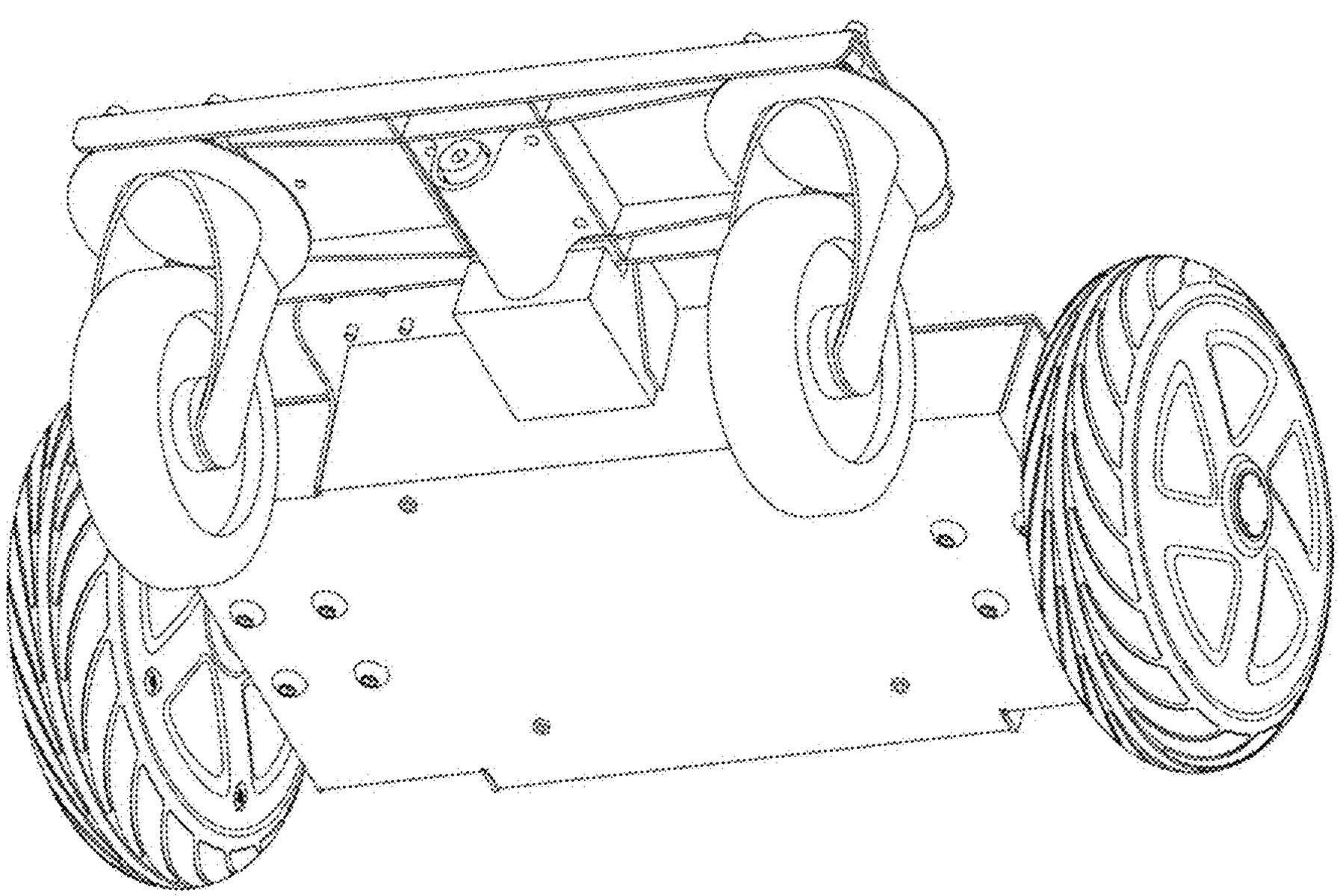

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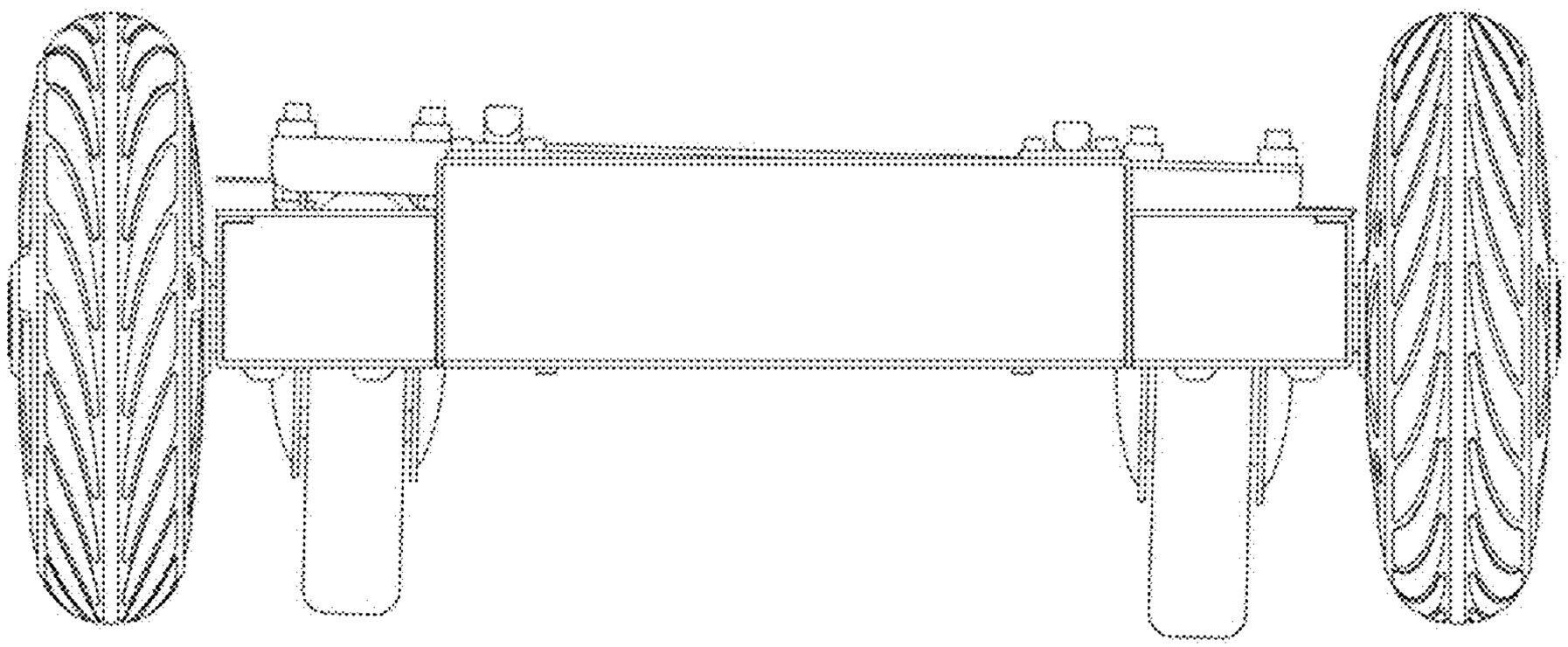

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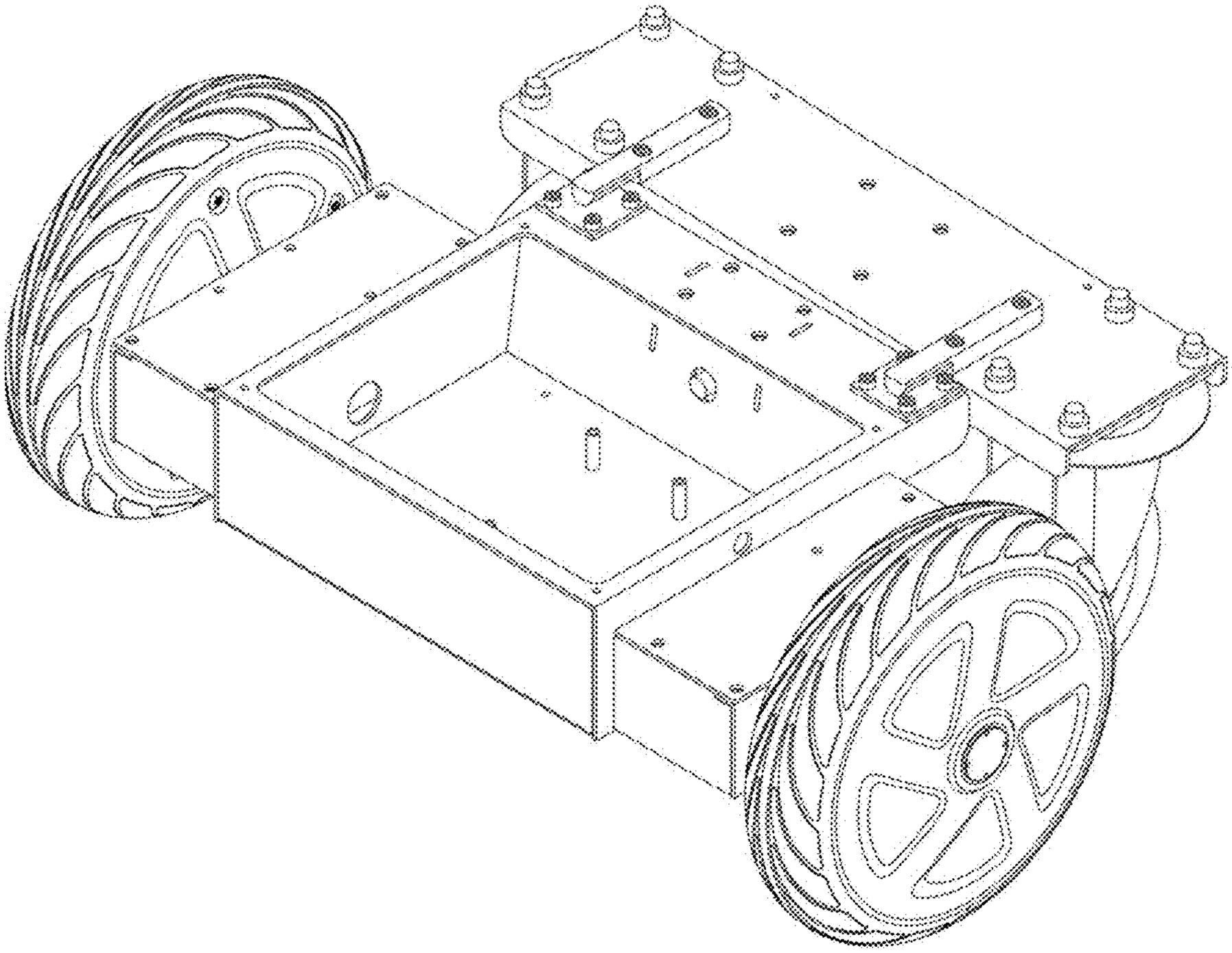

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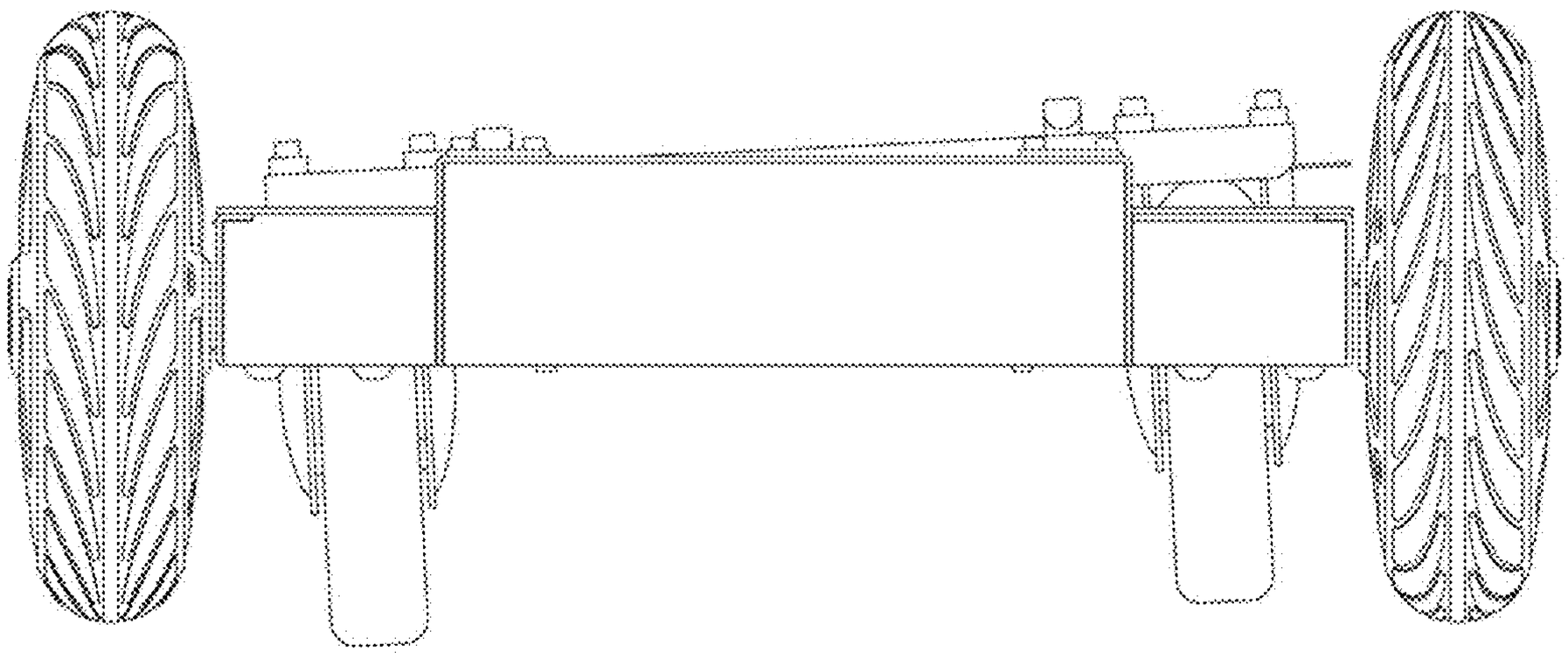

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