



US0D1050204S

(12)

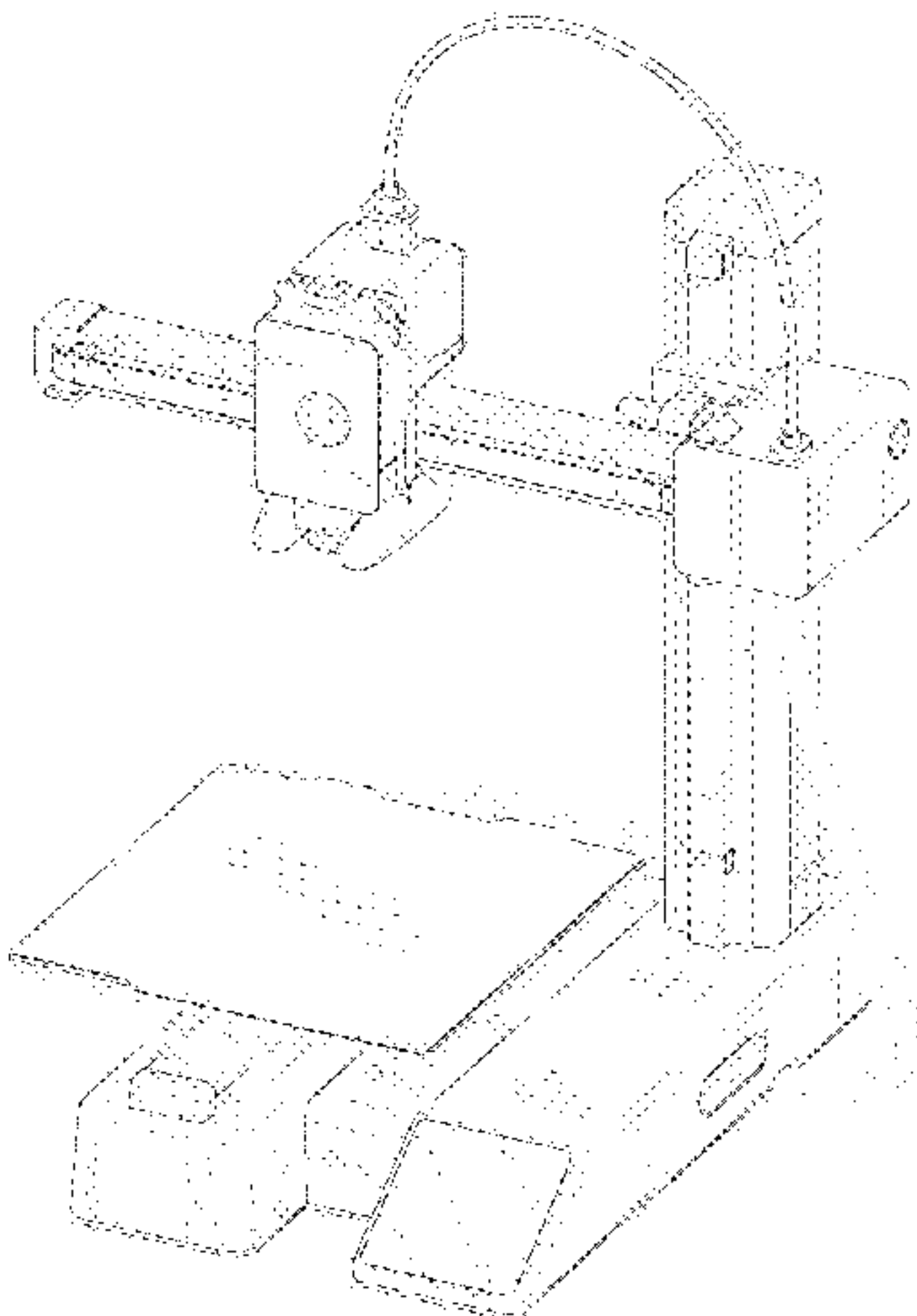
United States Design Patent

Zhao et al.

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(45) Date of Patent: ** Nov. 5, 2024

(54)	3D PRINTER	(56)	References Cited
(71)	Applicant: SHENZHEN TUOZHU TECHNOLOGY CO., LTD., Shenzhen (CN)		U.S. PATENT DOCUMENTS
(72)	Inventors: Yun Zhao, Shenzhen (CN); Shuangdi Lu, Shenzhen (CN)		8,252,223 B2 * 8/2012 Medina B33Y 10/00 425/375
(73)	Assignee: SHENZHEN TUOZHU TECHNOLOGY CO., LTD., Shenzhen (CN)		D722,108 S * 2/2015 Reches D18/50
(**)	Term: 15 Years		D765,745 S * 9/2016 Cheung D15/135
(21)	Appl. No.: 35/519,975		9,479,667 B1 * 10/2016 Lee B29C 64/245
(22)	Filed: Jan. 15, 2024		D845,357 S * 4/2019 Chen D15/122
(80)	Hague Agreement Data		(Continued)
	Int. Filing Date: Jan. 15, 2024		FOREIGN PATENT DOCUMENTS
	Int. Reg. No.: DM/234907		CN 307511861 * 8/2022
	Int. Reg. Date: Jan. 15, 2024		Primary Examiner — Patricia A Palasik
	Int. Reg. Pub. Date: Feb. 9, 2024		(74) Attorney, Agent, or Firm — KILPATRICK TOWNSEND & STOCKTON LLP
(30)	Foreign Application Priority Data	(57)	CLAIM
	Jul. 27, 2023 (CN) 202330475333.X		The ornamental design for a 3D printer as shown and described.
(51)	LOC (14) Cl. 15-09		DESCRIPTION
(52)	U.S. Cl. D15/122		1.1 : Front
	USPC D15/122		1.2 : Back
(58)	Field of Classification Search		1.3 : Left
	USPC D15/122, 135, 138, 199; D18/6–7, 14, D18/19, 50, 54, 54.1, 55, 59		1.4 : Right
	CPC B29C 47/12; B29C 64/00; B29C 64/20; B29C 64/25; B29C 64/40; B29C 64/106; B29C 64/118; B29C 64/209; B29C 67/0059; B29C 67/6659; B29L 2031/767; B32B 18/00; B33Y 10/00; B33Y 30/00; B33Y 70/00; B33Y 80/00		1.5 : Top
	See application file for complete search history.		1.6 : Bottom
			1.7 : Perspective
			1.8 : Perspective
			A new, original and ornamental design for a 3D printer, of which the following is a specification, reference being made to the accompanying drawing, forming a part hereof; 1.1 is a front view of a 3D printer, showing our new design; 1.2 is a back view thereof; 1.3 is a left side view thereof; 1.4 is a right side view thereof; 1.5 is a top view thereof; 1.6 is a bottom view thereof; 1.7 is a perspective view thereof; and 1.8 is another perspective view thereof; the portions illustrated by solid lines are the portions for which the claimed
			(Continued)



design is intended; the broken lines in the drawings represent environment that form no part of the claim.

1 Claim, 8 Drawing Sheets

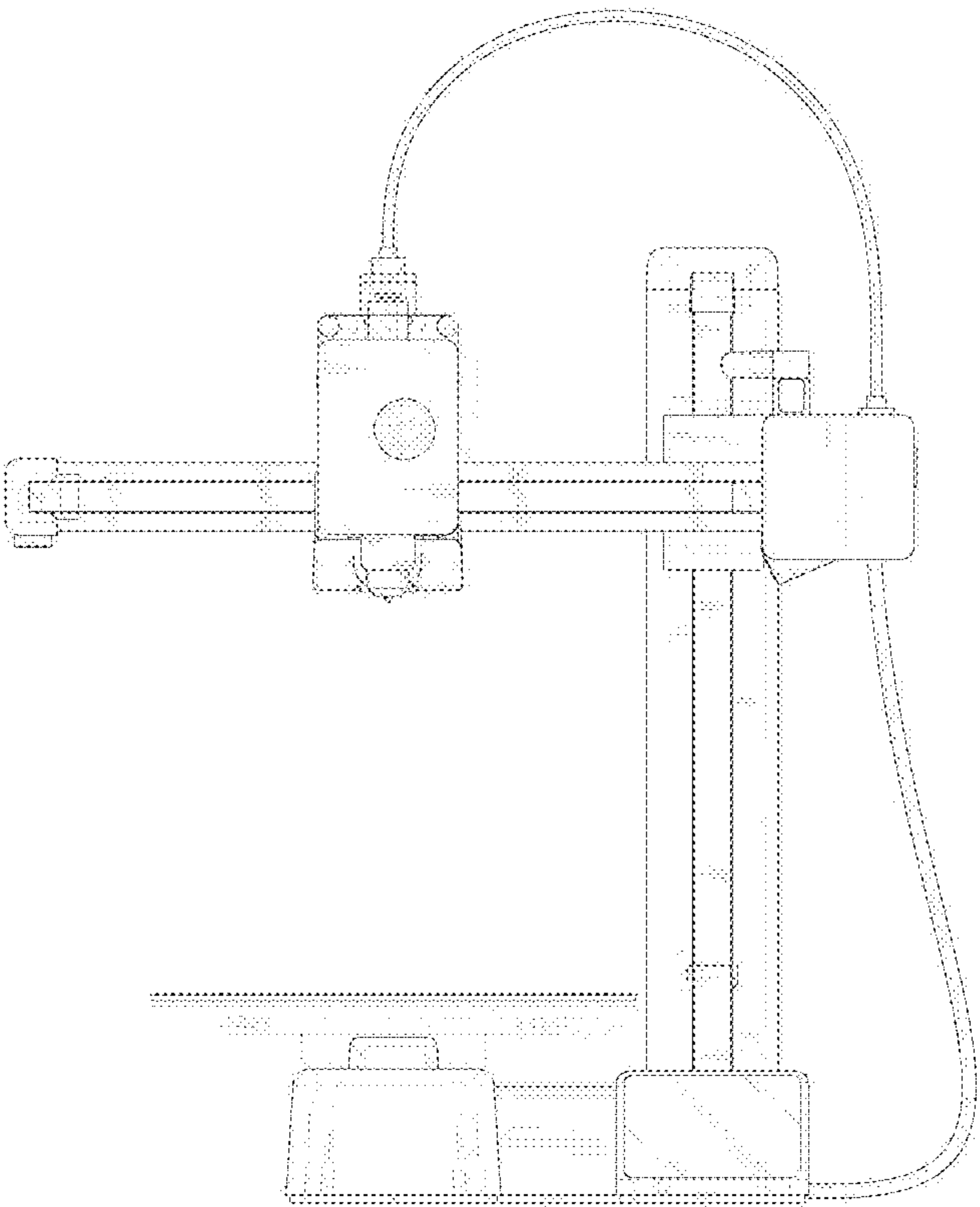
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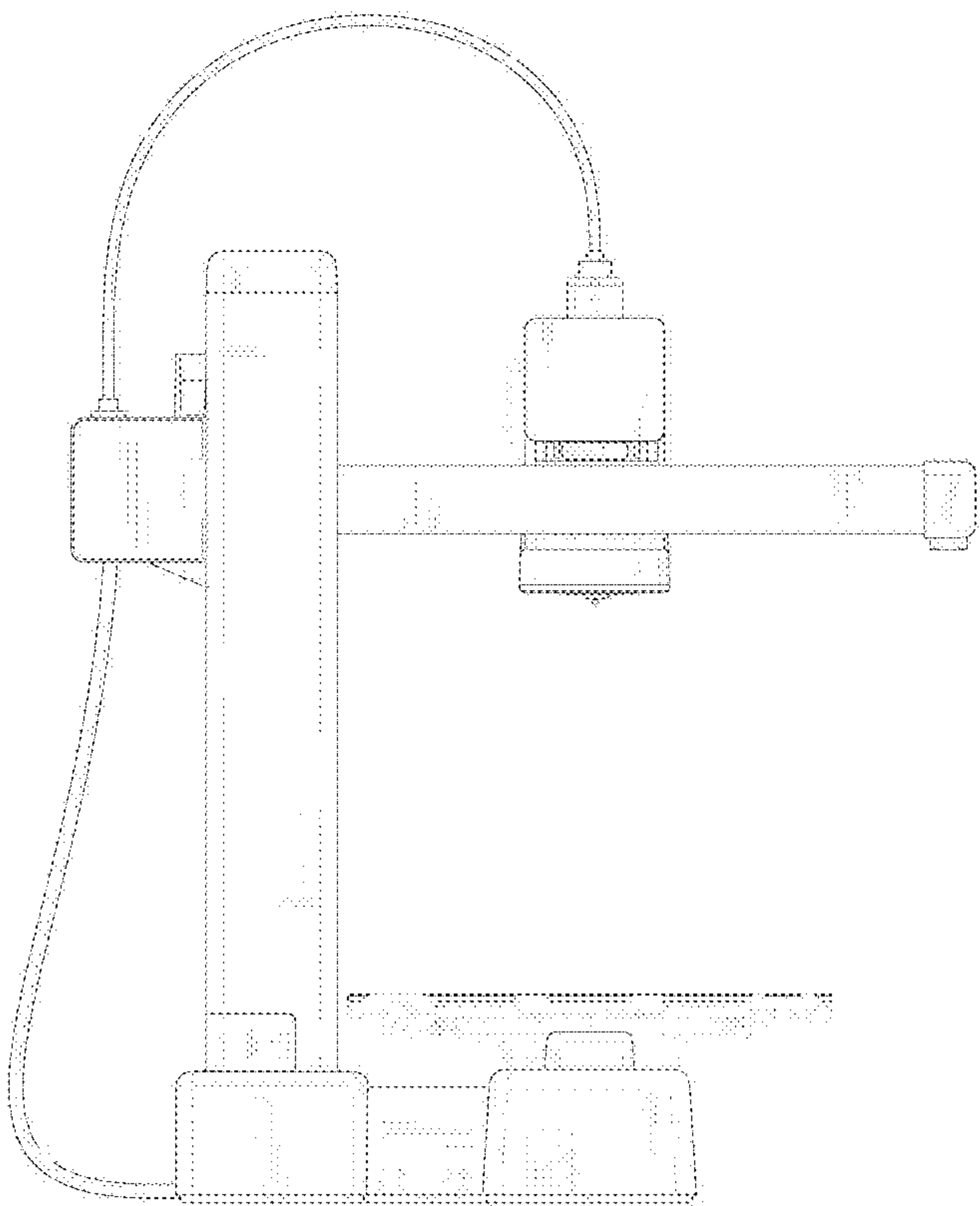
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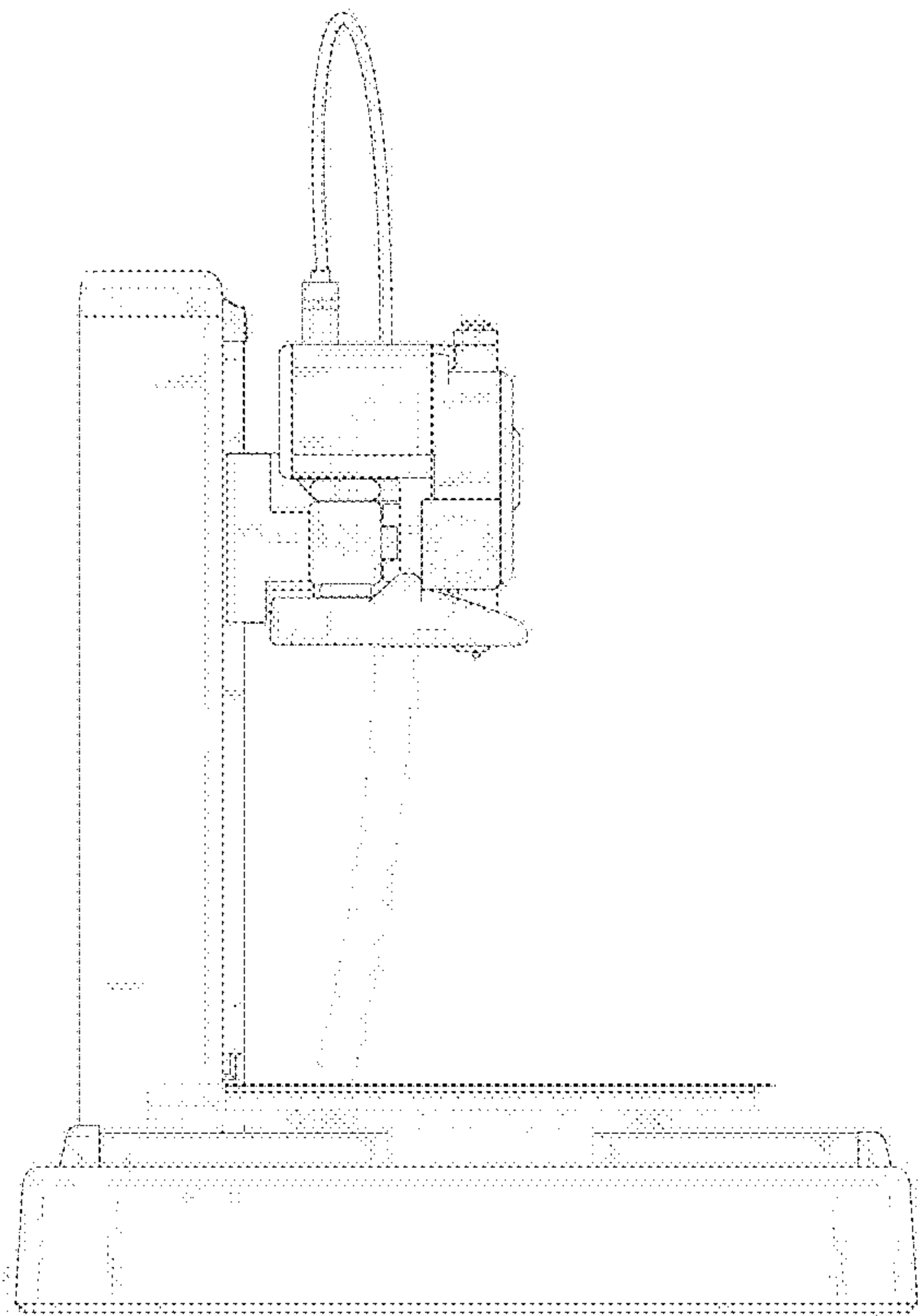
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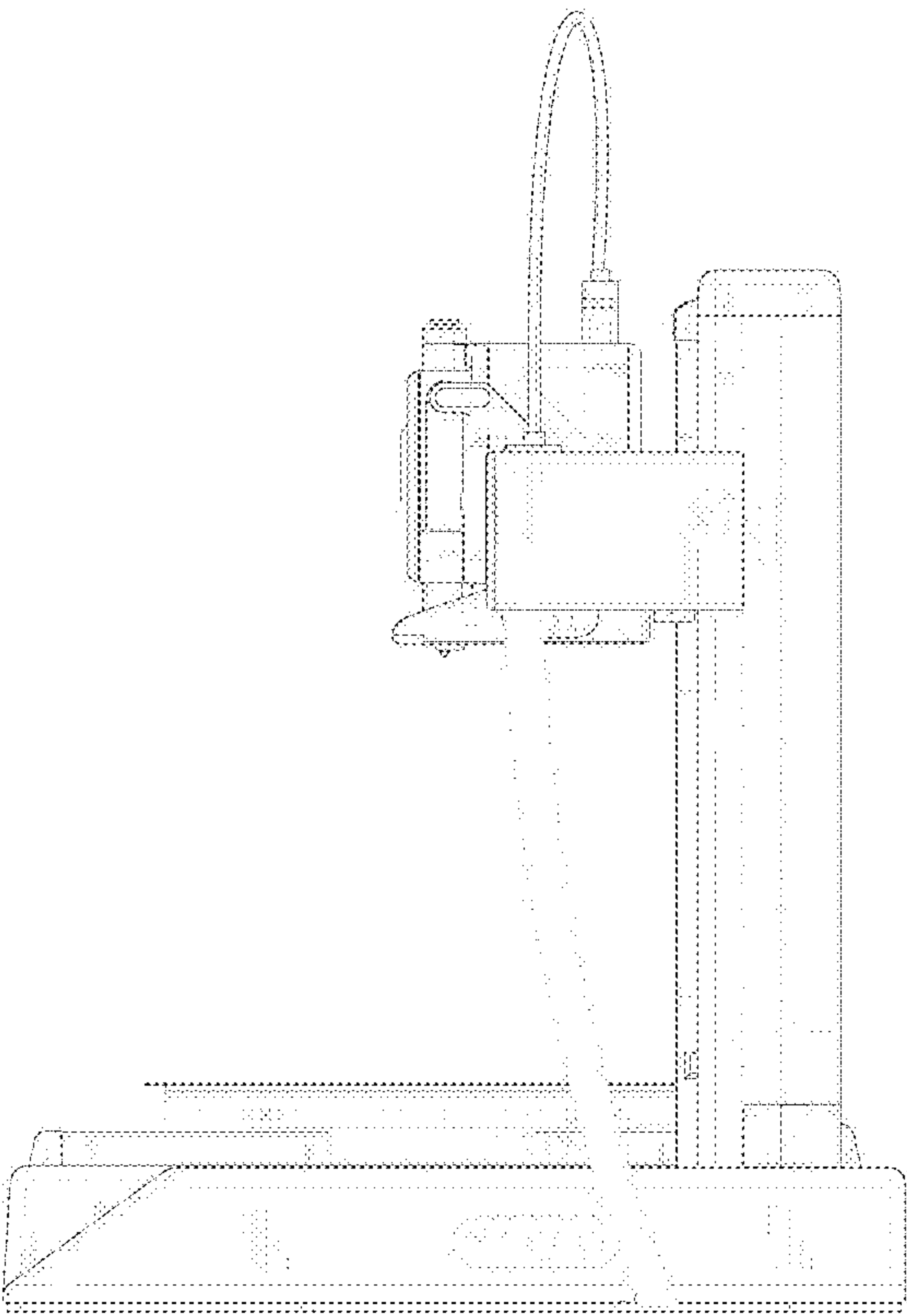
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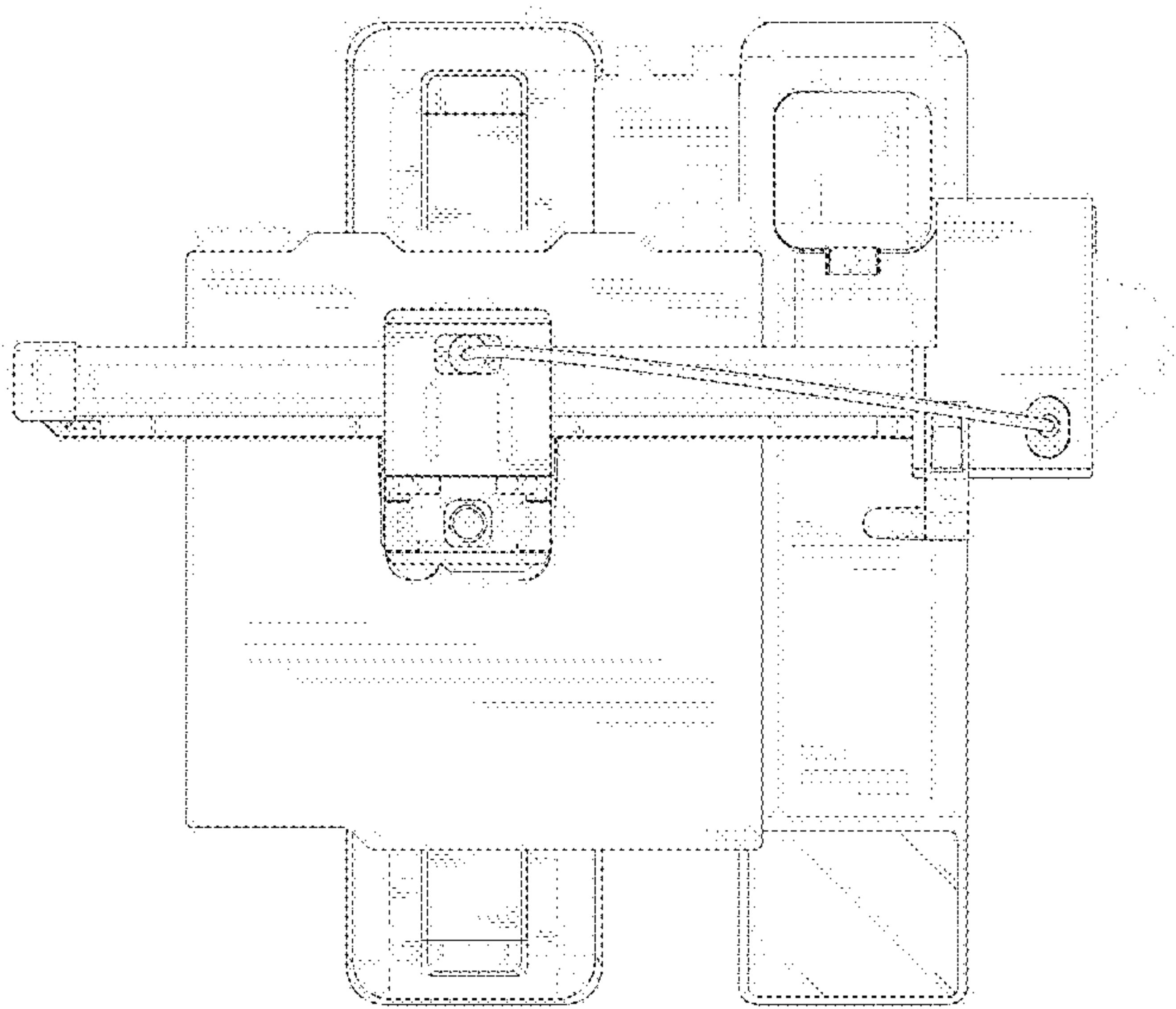
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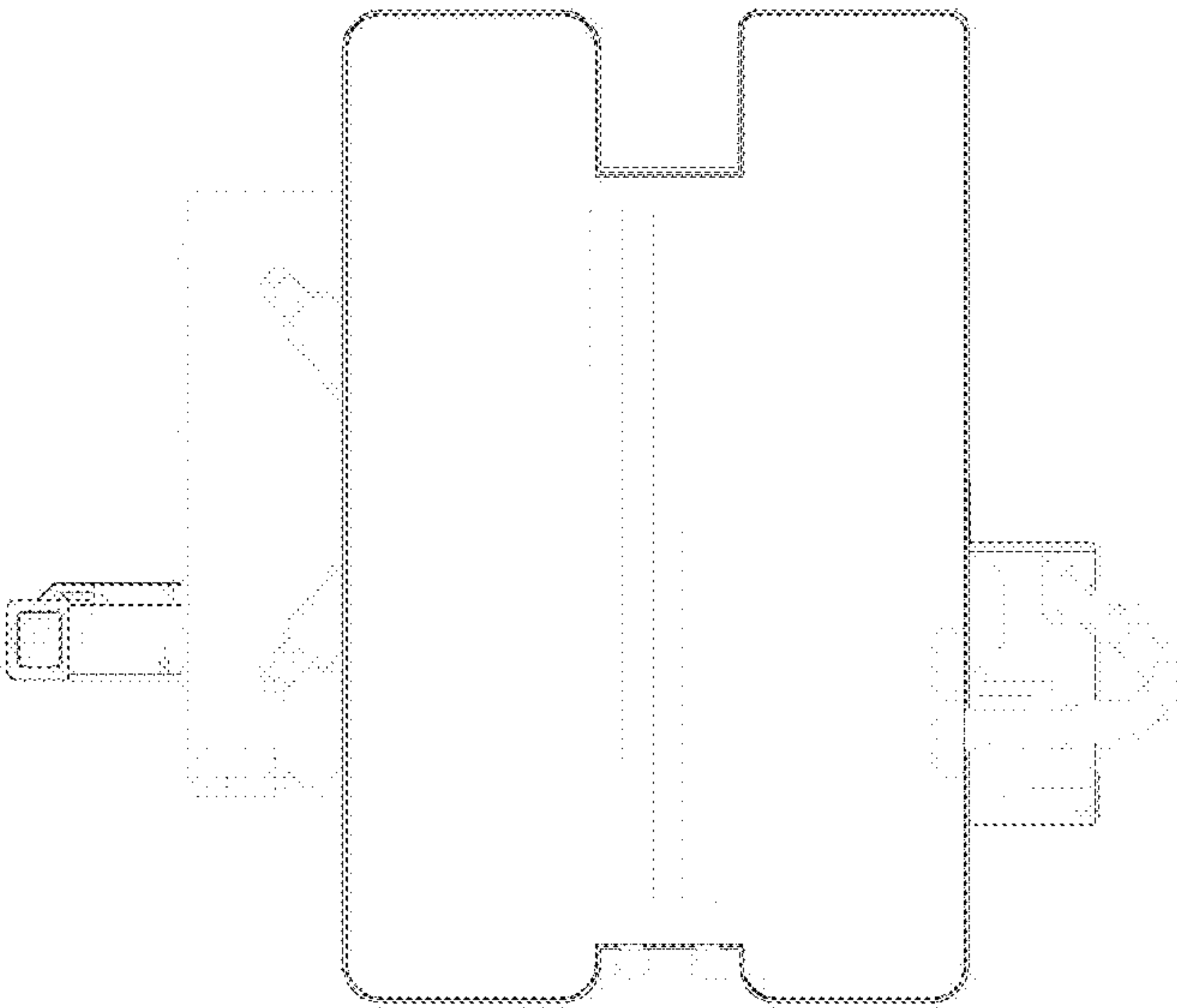
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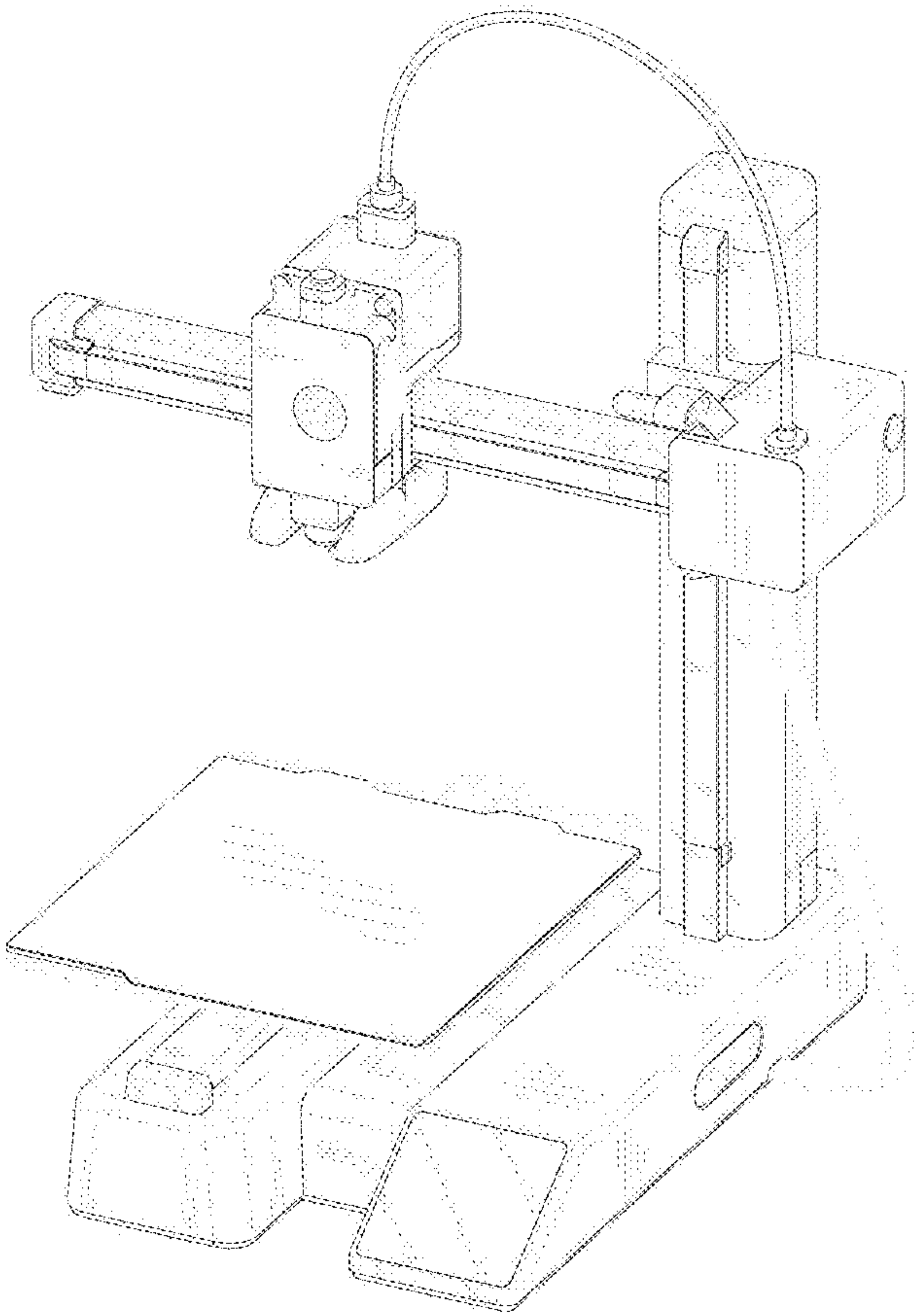
1.5



1.6



1.7



1.8

