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Dunn

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(54) **SOLAR POWERED ELECTRONIC DISPLAY KIOSK**

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(52) **U.S. Cl.**
USPC **D13/102**

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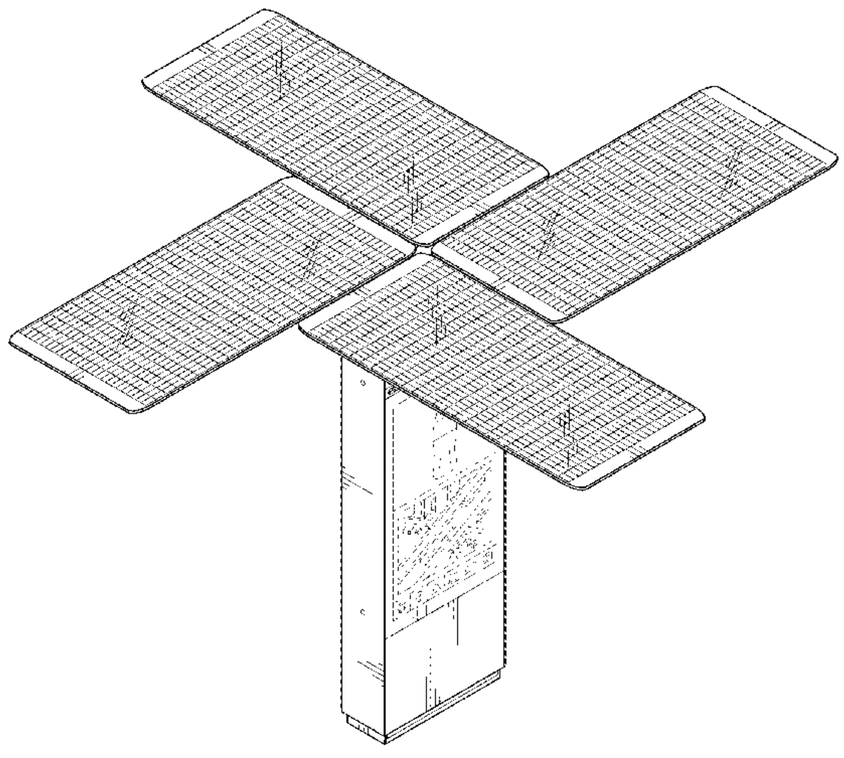
CPC Y02E 10/40; Y02E 10/44; Y02E 10/50; Y02E 10/52; Y02E 10/542; Y02E 10/544; E04H 4/08; F24J 2/38; F24J 2/0472; F24J 2/542; H01L 31/00; H01L 31/042; H01L 31/045; H01L 31/048; H01L 31/049; H01L 31/052; H01L 31/184; H01L 31/0232; H01L 31/0508; H01L 31/0512; H01L 31/0543; H01L 31/02013; H01L 31/1876; H01L 51/0061; H02S 40/34
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D222,989	S		2/1972	Cohen	
4,534,496	A		8/1985	Bott	
4,718,185	A	*	1/1988	Conlin	H02S 40/38 320/155
D311,722	S	*	10/1990	Cheng	D13/102
5,306,156	A		4/1994	Gibbs et al.	
D357,944	S		5/1995	Atwell et al.	
D380,191	S	*	6/1997	White	D13/102
D403,434	S		12/1998	Sander	
D408,554	S		4/1999	Dinwoodie	
D410,036	S	*	5/1999	Washington	D20/41
D410,751	S		6/1999	Meier	
D453,194	S		1/2002	Gentelia et al.	
D455,789	S		4/2002	Schlueter	
6,396,239	B1		5/2002	Benn et al.	
D479,859	S		9/2003	Strunk et al.	
D483,074	S		12/2003	Strunk et al.	
D486,188	S		2/2004	Norcross et al.	
D493,842	S	*	8/2004	Norcross	D20/43
D500,143	S		12/2004	Moncho et al.	
D505,113	S		5/2005	Lam	
D514,913	S		2/2006	Dunn et al.	
D530,432	S		10/2006	Gottesdiener	
D535,034	S		1/2007	Gottesdiener	
D560,668	S		1/2008	Pritchard et al.	
D585,943	S		2/2009	Pymm et al.	
D593,213	S		5/2009	Grimshaw et al.	
D595,645	S		7/2009	Beghelli	
D603,973	S		11/2009	Jackson et al.	
D610,536	S	*	2/2010	Brumels	D13/102
D639,800	S		6/2011	Magruder	
D646,269	S		10/2011	Crick, Jr. et al.	
D653,662	S		2/2012	Park et al.	
D654,116	S		2/2012	McDougall et al.	
D659,259	S		5/2012	Duddy	
D662,040	S		6/2012	Yang et al.	
D665,029	S		8/2012	Krapf et al.	
D671,885	S	*	12/2012	Steinau	D13/102
D696,658	S		12/2013	Winston et al.	
D710,298	S		8/2014	Jie et al.	
8,819,968	B1	*	9/2014	Van Beek	G09F 27/007 40/605
8,895,836	B2		11/2014	Amin et al.	
9,121,391	B1		9/2015	Koehler, III	
D740,966	S		10/2015	Indio da Costa et al.	



D747,816	S		1/2016	Indio da Costa et al.
D752,529	S		3/2016	Loretan et al.
D754,256	S		4/2016	Maman et al.
D775,622	S		1/2017	Fu et al.
D777,695	S		1/2017	Odryna et al.
D786,453	S		5/2017	Indio da Costa et al.
D786,454	S		5/2017	Indio da Costa et al.
D791,069	S		7/2017	Mota et al.
D795,453	S		8/2017	Indio da Costa et al.
D797,658	S		9/2017	Feller et al.
D804,054	S		11/2017	Indio da Costa et al.
D806,895	S		1/2018	Terashima et al.
D807,840	S		1/2018	Lee et al.
D813,802	S	*	3/2018	Krantz D13/102
D816,624	S		5/2018	Odryna et al.
D817,288	S		5/2018	Won et al.
D820,798	S		6/2018	Yurusov
9,994,160	B2		6/2018	Kim et al.
D831,599	S		10/2018	Chong et al.
D835,926	S		12/2018	Abatemarco, Jr.
D839,352	S		1/2019	Lim et al.
10,278,311	B2		4/2019	DeMars
10,290,243	B2		5/2019	Lanham
D856,530	S		8/2019	Oskoui
D861,623	S		10/2019	Odryna et al.
D879,202	S		3/2020	Hornsby et al.
D883,278	S		5/2020	Yepez et al.
D885,382	S		5/2020	Kim et al.
10,757,844	B2		8/2020	Dunn et al.
10,820,445	B2		10/2020	Diaz
10,827,657	B2		11/2020	Lee
10,831,050	B2		11/2020	Dunn et al.
D913,276	S		3/2021	Dunn
D913,277	S		3/2021	Dunn
D913,278	S		3/2021	Dunn
D916,189	S		4/2021	Dunn
D916,190	S		4/2021	Dunn
D916,319	S		4/2021	Dunn
D916,971	S		4/2021	Dunn
D916,972	S		4/2021	Dunn
D916,973	S		4/2021	Dunn
D916,974	S		4/2021	Dunn
D916,975	S		4/2021	Dunn
D916,976	S		4/2021	Dunn
D916,977	S		4/2021	Dunn
D934,159	S		10/2021	Dunn et al.
11,148,621	B2		10/2021	Dunn et al.
D941,235	S		1/2022	Dunn et al.
D941,236	S		1/2022	Dunn et al.
2003/0119448	A1		6/2003	Arntz
2008/0298051	A1		12/2008	Chu
2009/0183405	A1		7/2009	Wilkes
2010/0079979	A1		4/2010	Nakamichi et al.
2011/0075363	A1		3/2011	Nakamichi et al.
2011/0298841	A1		12/2011	Fujimori
2012/0002357	A1		1/2012	Auld et al.
2012/0224116	A1		9/2012	Barnes
2013/0033222	A1		2/2013	Hixson et al.
2015/0194561	A1		7/2015	Toya et al.
2015/0381922	A1		12/2015	Hamilton
2016/0132849	A1	*	5/2016	Melo G06Q 20/3224 705/17
2018/0293921	A1		10/2018	Margrill
2018/0317330	A1		11/2018	Dunn et al.
2018/0345809	A1		12/2018	Derrien et al.
2021/0066923	A1		3/2021	Dunn et al.
2021/0313927	A1		10/2021	Dunn et al.

FOREIGN PATENT DOCUMENTS

CN	106782121	A	5/2017
CN	109961695	A	7/2019
EM	008035232-0001		7/2020
EP	4022595	A1	7/2022
KR	300422537.0000		8/2006
KR	10-1444022	B1	10/2014
WO	2016/102980	A1	6/2016
WO	D098725-001		12/2017
WO	2021/041381	A1	3/2021

OTHER PUBLICATIONS

CIVIQ Smartscapes, There are companies that make kiosks. And then there's CIVIQ.—Advanced Smart City Platform, webpage, Jan. 30, 2019, 10 pages.

CIVIQ Smartscapes, Connecting people, places & experiences, webpage, Jan. 30, 2019, 5 pages.

CIVIQ Smartscapes, Connecting people, places & experiences, screen shot of devices webpage, Jan. 30, 2019, 1 page.

Melford Technologies, Part 1, video online at https://rn.youtube.com/watch?v=OAV7zzVrHtE&feature=youtu.be, Oct. 21, 2019, 1 page.

Manufacturing Resources International, Manufacturing Resources International home webpage, Nov. 4, 2019, 2 pages.

Manufacturing Resources International, LCD Display Deployments webpage, Nov. 4, 2019, 3 pages.

Manufacturing Resources International, BoldVu Outdoor LCD Display webpage, Nov. 4, 2019, 2 pages.

Manufacturing Resources International, BoldVu Semi Outdoor LCD Display webpage, Nov. 8, 2019, 2 pages.

Manufacturing Resources International, BoldVu Vehicle Top LCD Display webpage, Nov. 8, 2019, 2 pages.

Manufacturing Resources International, Drivethru Menu Boards Webpage, Nov. 8, 2019, 2 pages.

Manufacturing Resources International, Storefront Digital Signage webpage, Nov. 8, 2019, 2 pages.

Vertigo Digital Displays, Innovation on Display FlexVu Totem Brochure, 2014, 6 pages.

Vertigo Digital Displays, FlexVu Totem Shelter, 2017, 2 pages.

Vertigo Digital Displays, All Products Catalogue, 2017,14 pages.

CIVIQ Smartscapes, FlexVue Ferro 55P/55L, Mar. 16, 2017, 4 pages.

Gable, Blog Post: The Anatomy of an Interactive Kiosk, Aug. 15, 2018, 4 pages.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a solar powered electronic display kiosk, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a solar powered electronic display kiosk;

FIG. **2** is a front elevation view thereof;

FIG. **3** is a rear elevation view thereof;

FIG. **4** is a right side elevation view thereof;

FIG. **5** is a left side elevation view thereof;

FIG. **6** is a top view thereof; and,

FIG. **7** is a bottom view thereof.

The broken lines shown represent environmental subject matter and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

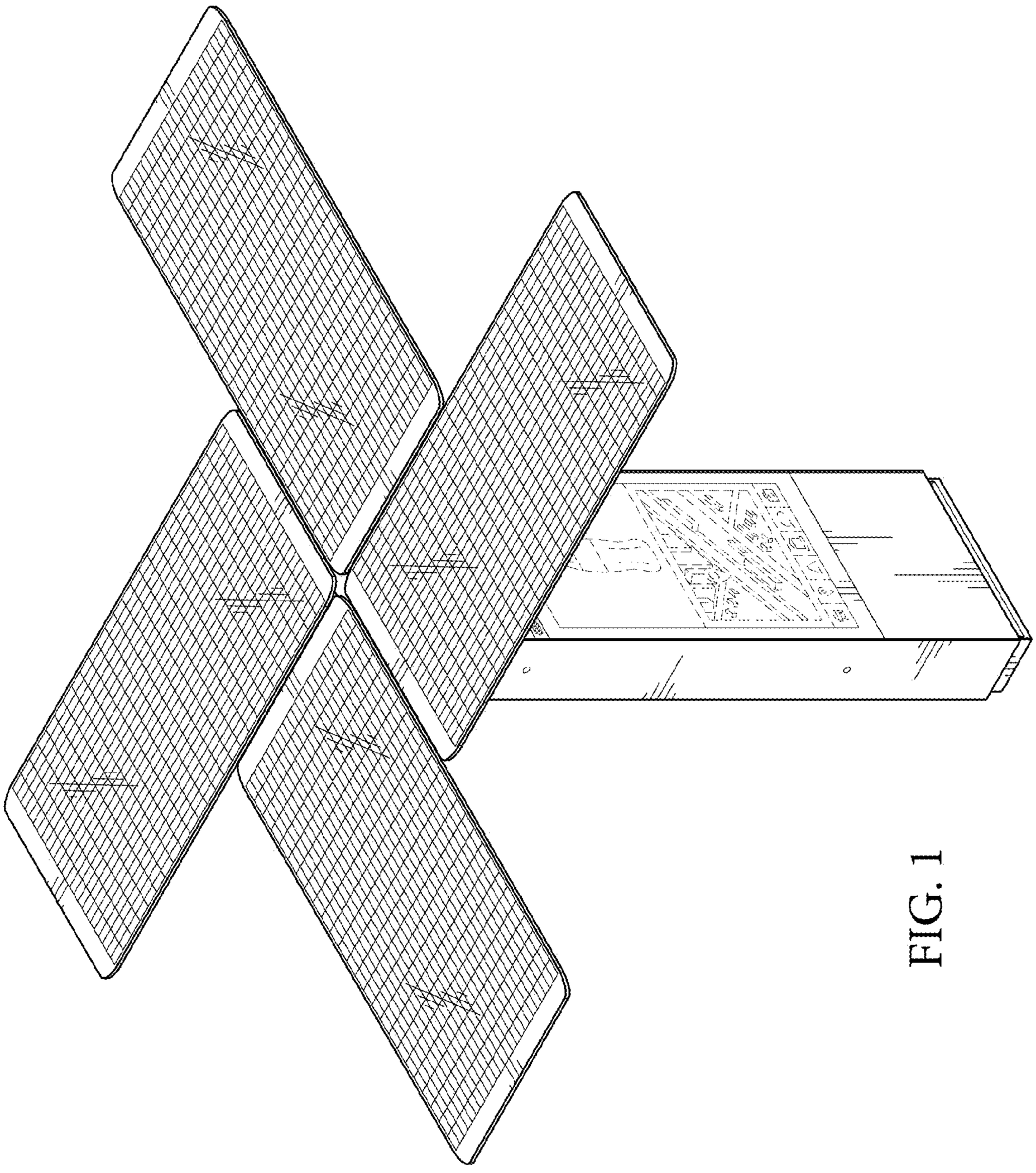


FIG. 1

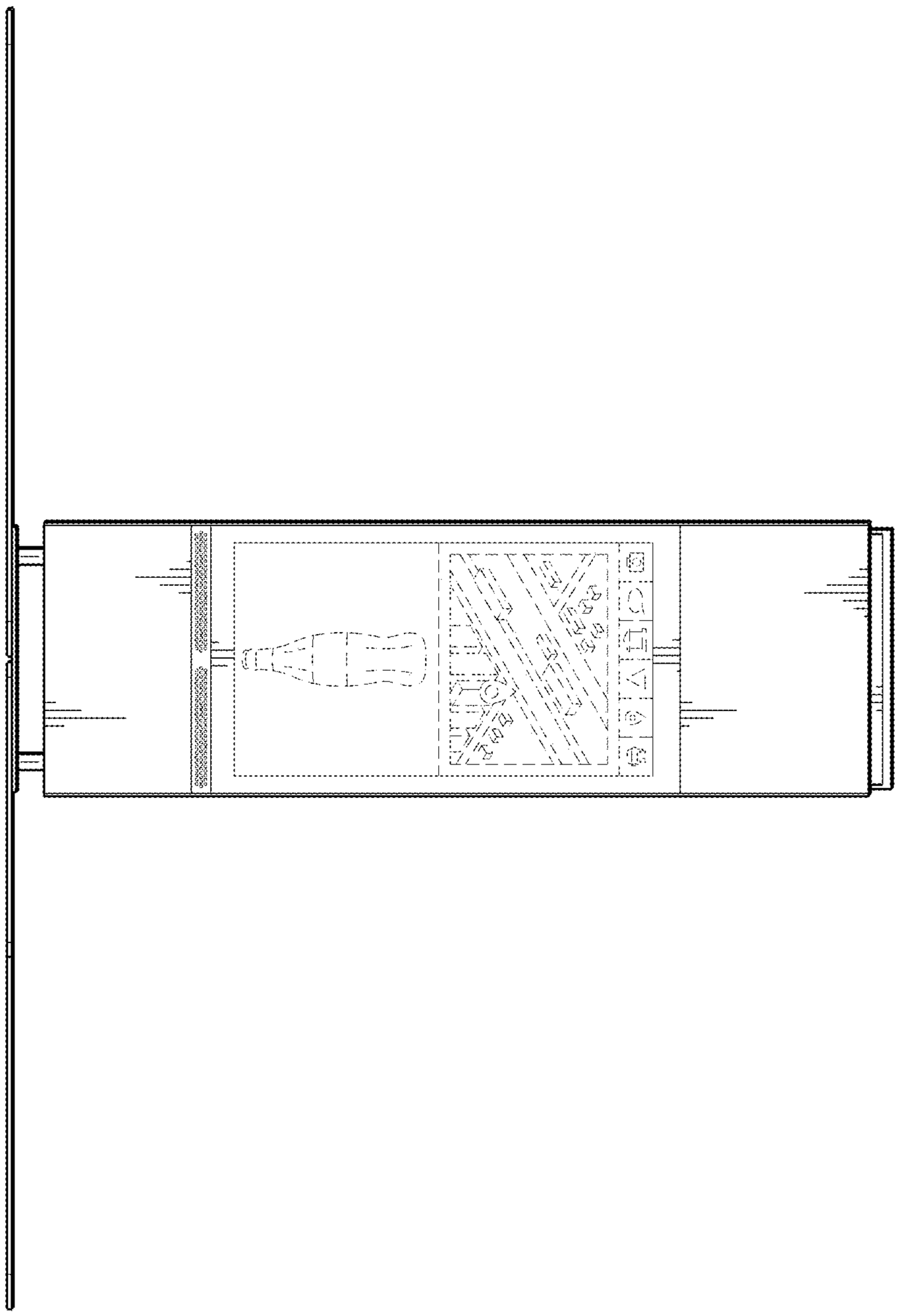


FIG. 2

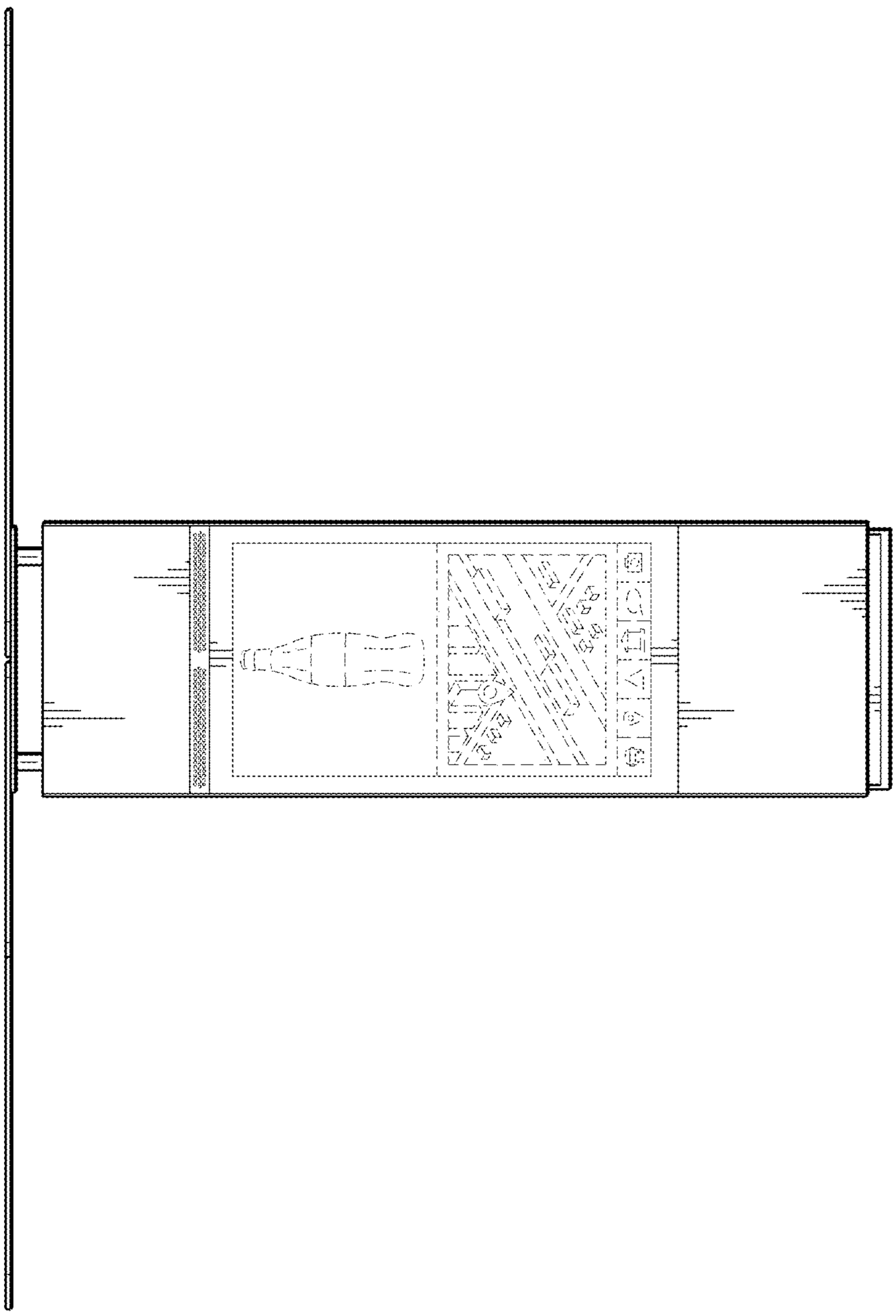


FIG. 3

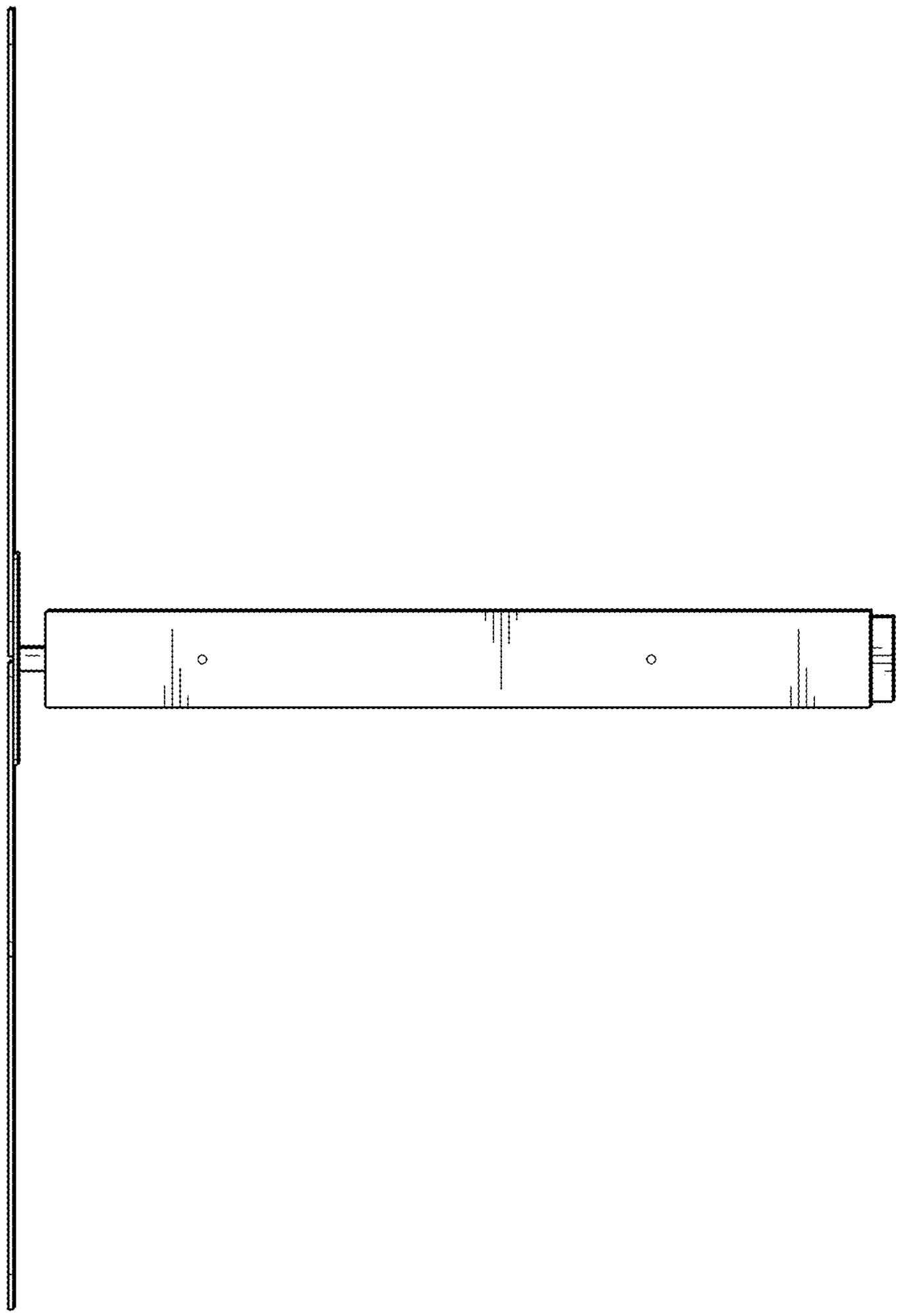
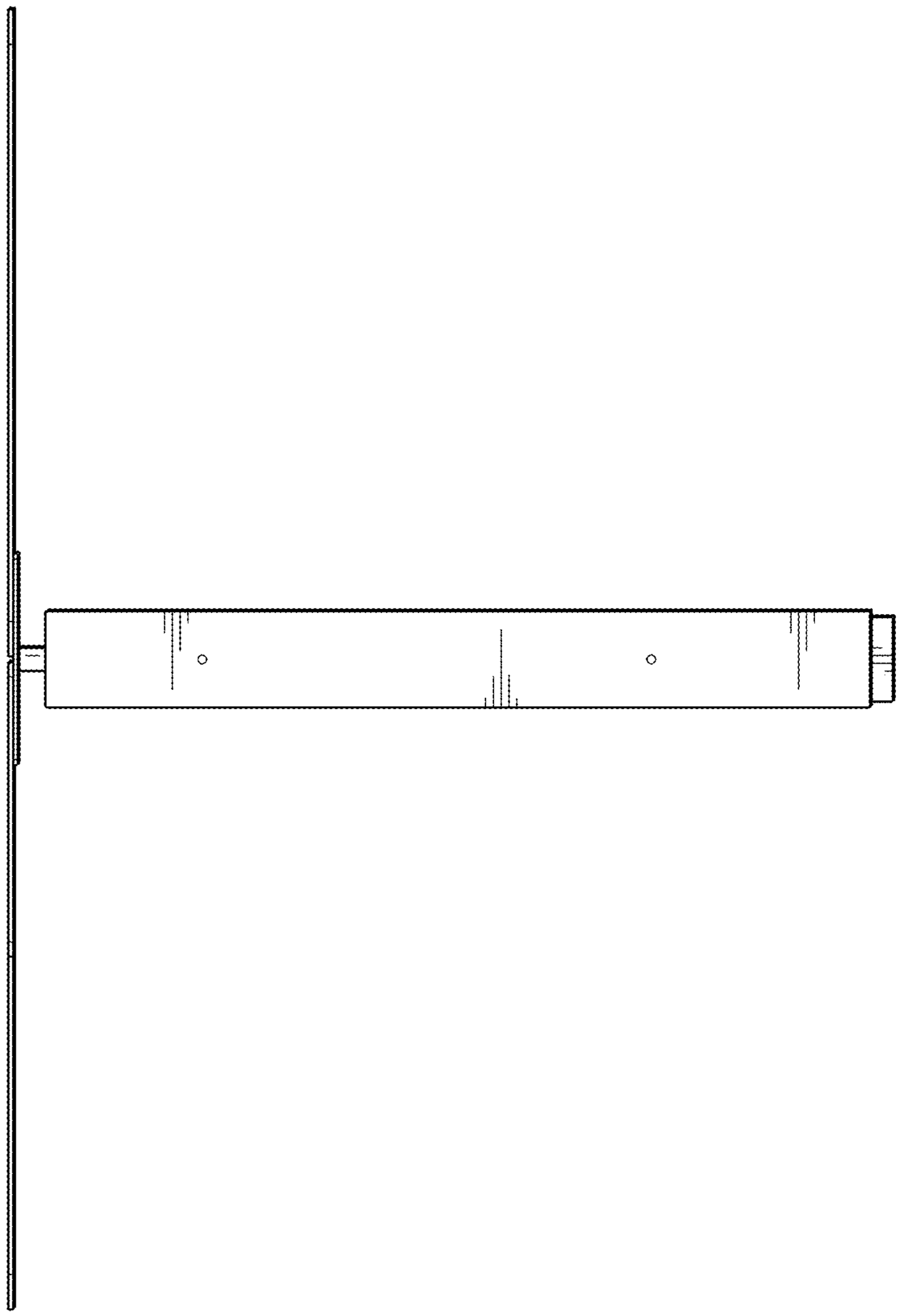


FIG. 4



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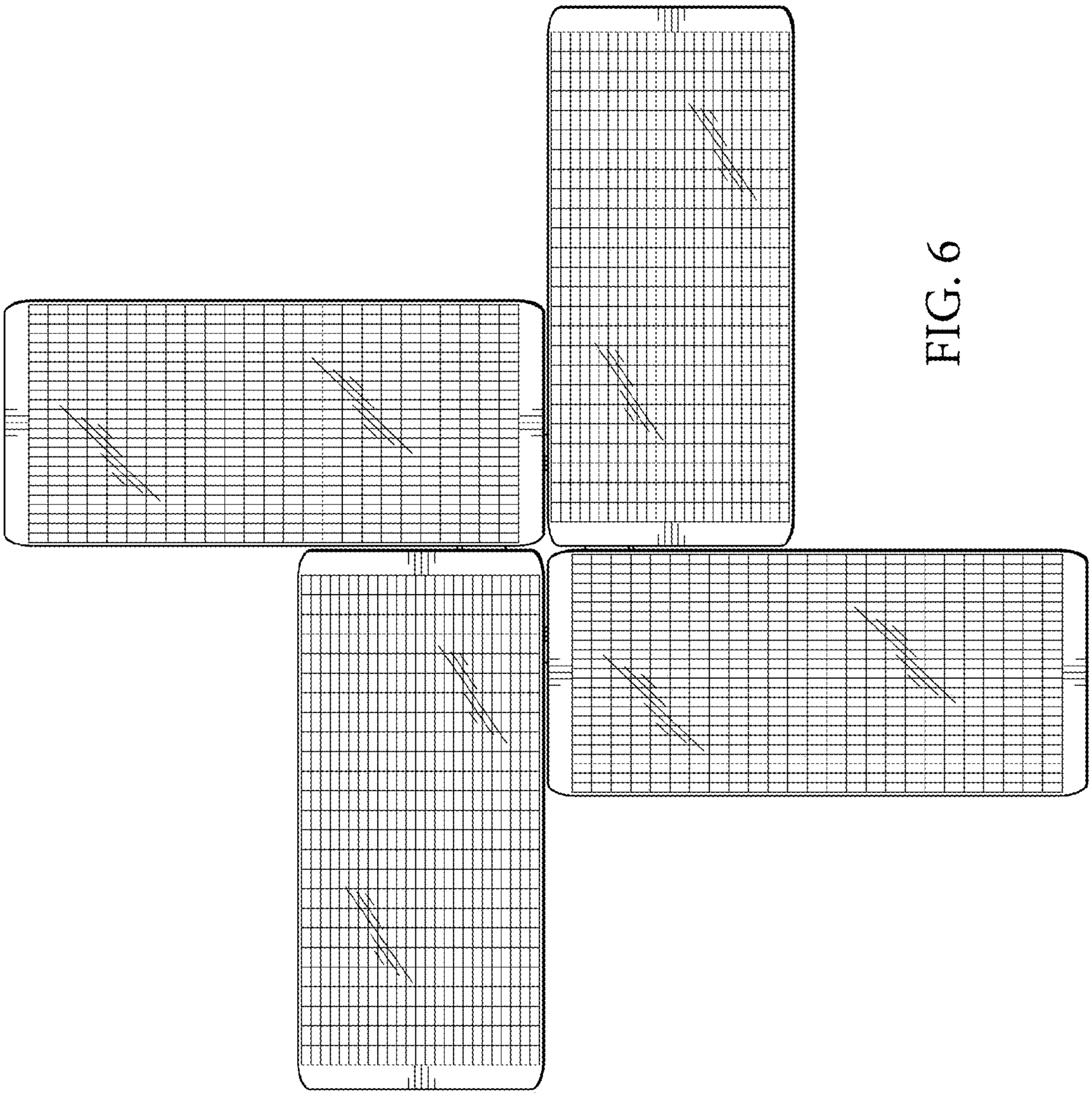

FIG. 6

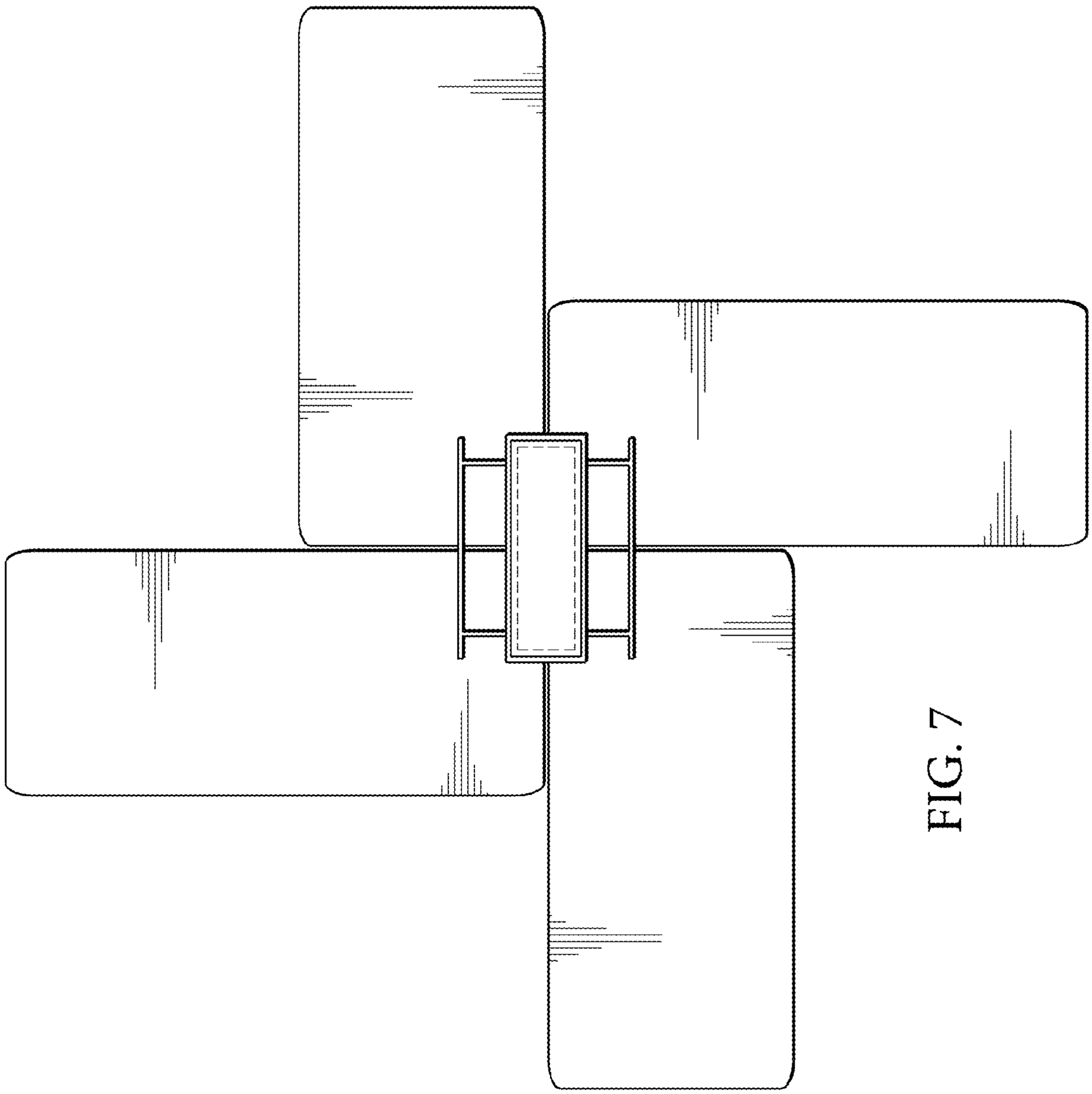

FIG. 7