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(12) **United States Design Patent**
Knapp et al.

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(54) **PROJECTION MOUNTING DEVICE**

7,758,001 B2 * 7/2010 Bouissiere F16M 11/14
248/206.5
D624,949 S * 10/2010 Nakayama D16/235
8,287,142 B2 * 10/2012 Pickard F21V 21/048
362/148

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(US)

(Continued)

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FOREIGN PATENT DOCUMENTS

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(US)

CA 185515 * 1/2020
KR 300611269.0000 * 9/2011

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/673,686**

Mount-VP07DP, Vivo, vivo-us.com, author and date not listed ©
2021 Vivo, online, site visited Mar. 22, 2021. Available from
Internet, URL: https://www.vivo-us.com/products/mount-vp07dp?_pos=8&_sid=6fcaa12c3&_ss=r (Year: 2021).*

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(Continued)

(51) **LOC (13) Cl.** **14-02**

(52) **U.S. Cl.**

USPC **D14/452**

(58) **Field of Classification Search**

USPC D14/203.8, 214, 224, 229, 238, 238.1,
D14/253, 316, 324, 372, 374-377,
D14/388-389, 434, 447, 451-452, 431;
D20/10, 15, 40, 42-44; D8/306, 363,
D8/380-382, 354; D16/232, 235, 242
CPC A47G 1/141; A47G 1/0605; A47G 1/142;
G09F 1/12; G06Q 20/202
See application file for complete search history.

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(57)

CLAIM

The ornamental design for a projection mounting device, as
shown and described.

DESCRIPTION

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,708,940 B2 * 3/2004 Ligertwood F16M 11/10
248/324
D544,868 S * 6/2007 Katagiri D14/451
D568,323 S * 5/2008 Gillespie D14/451
D573,146 S * 7/2008 Sukenari D14/431
7,497,412 B2 * 3/2009 Dittmer F16M 11/12
248/514
7,503,536 B2 * 3/2009 Friederich F16M 11/043
248/324
D602,514 S * 10/2009 Dittmer D16/235
D616,011 S * 5/2010 Dittmer D16/235

FIG. 1 is a perspective view showing a new design for a
projection mounting device;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left-side view thereof;

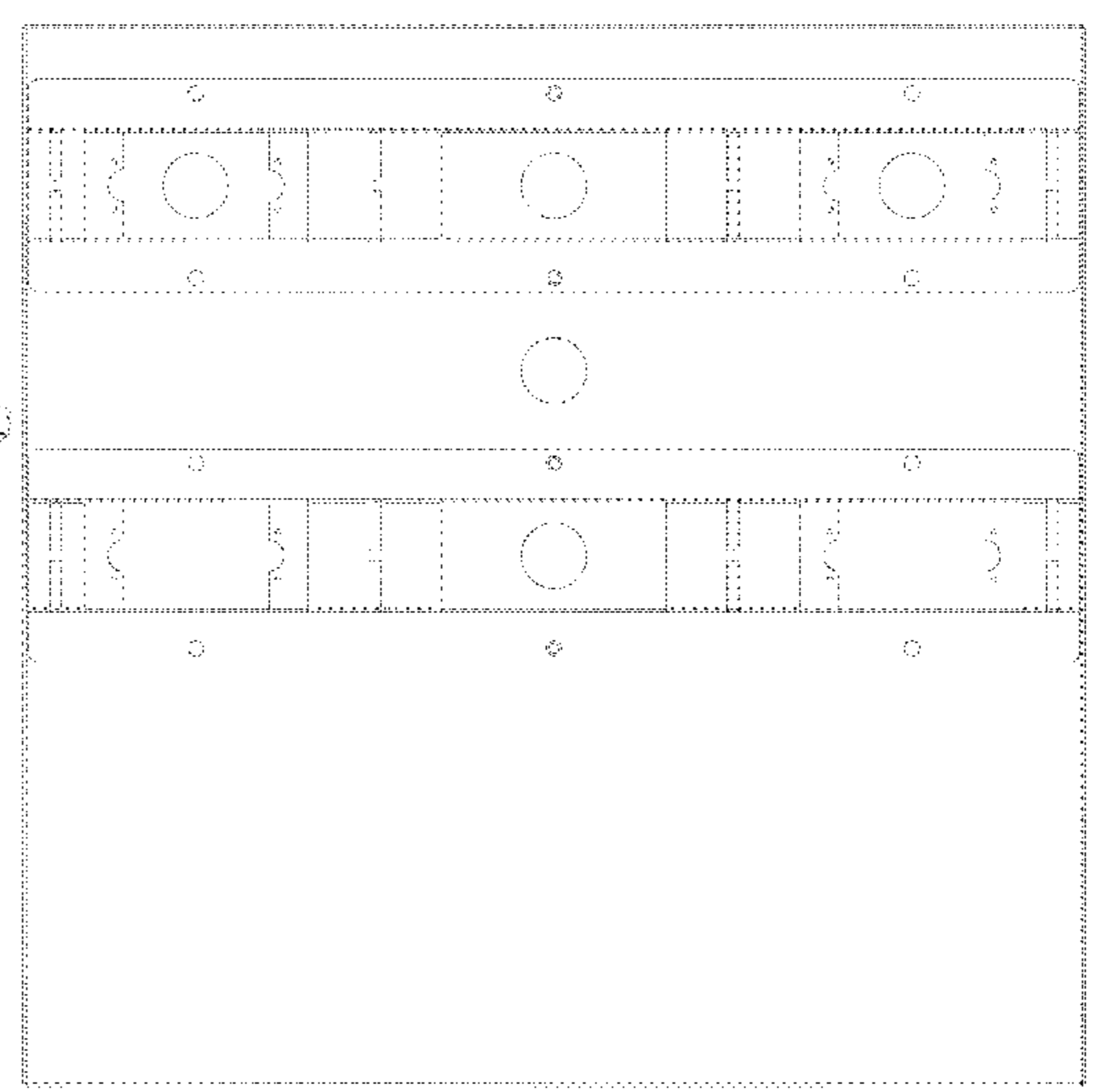
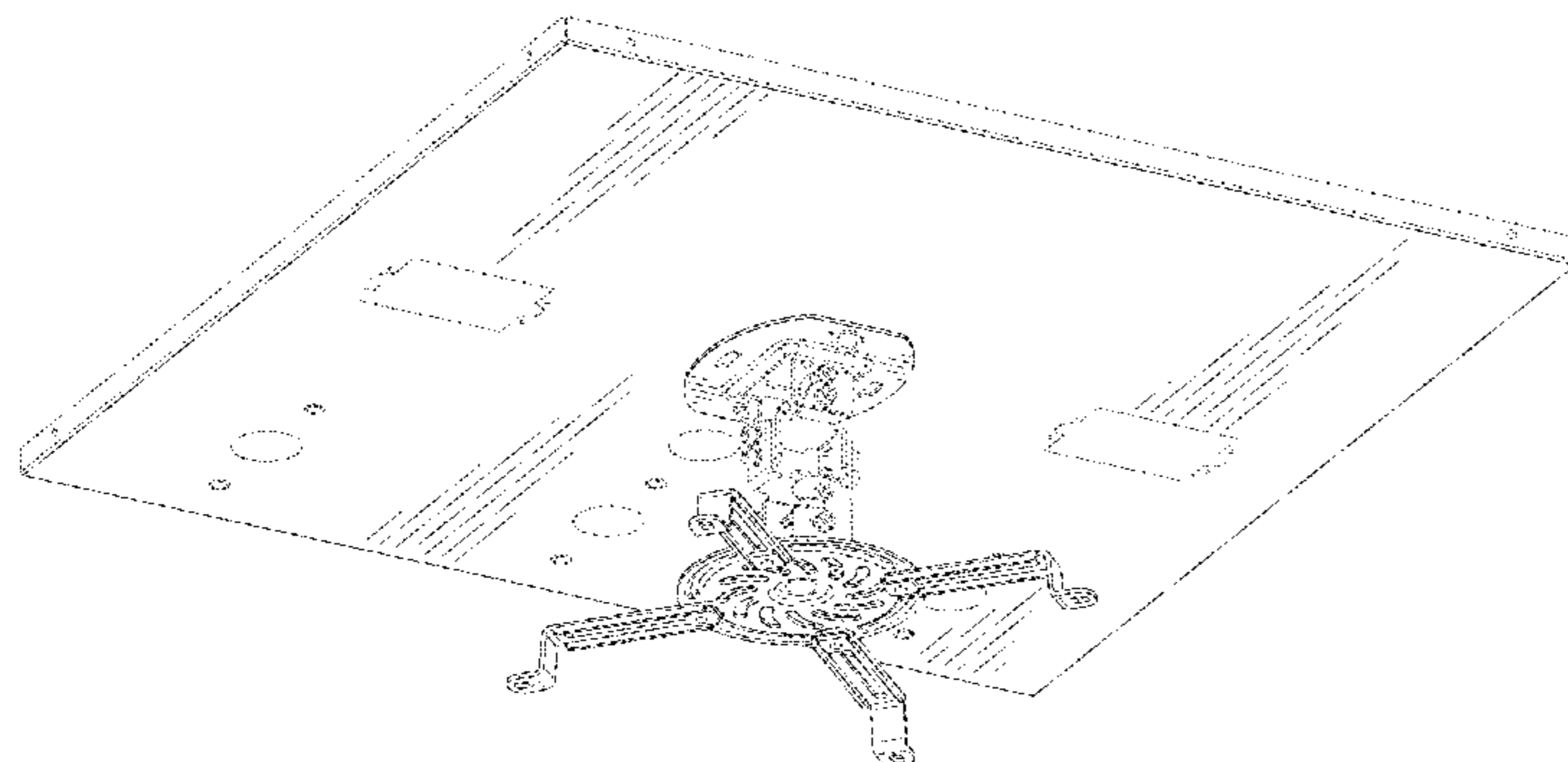
FIG. 5 is a right-side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The broken lines in the drawings are included to show
environment that forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D691,190 S * 10/2013 Unno D16/235
 D767,577 S * 9/2016 Kulkarni D14/452
 D815,458 S * 4/2018 Mann D6/545
 D822,666 S * 7/2018 Cai D14/451
 D851,196 S * 6/2019 Chester D22/108
 D878,382 S * 3/2020 Pei D14/452
 D909,395 S * 2/2021 Knapp D14/452
 10,927,997 B2 * 2/2021 Kang F16M 11/10
 D912,027 S * 3/2021 Lyu D14/239
 D915,318 S * 4/2021 Boylan D14/129
 D918,217 S * 5/2021 Lyu D14/452
 D918,880 S * 5/2021 Shu D14/239
 D920,082 S * 5/2021 Kellerman D8/354
 D926,256 S * 7/2021 Hwang D20/42
 D930,006 S * 9/2021 Pei D14/452
 D935,873 S * 11/2021 Chen D8/363
 D937,070 S * 11/2021 Pavlov D8/354
 D944,235 S * 2/2022 Shu D14/239
 2006/0186301 A1 * 8/2006 Dozier F16M 11/24
 248/371
 2015/0277214 A1 * 10/2015 Schuh F16M 11/24
 248/279.1
 2016/0296006 A1 * 10/2016 Bonuccelli A47B 9/20

OTHER PUBLICATIONS

AMRDCP100KIT Ceiling Mount, Amer, amazon.com, published by Amer on Apr. 30, 2012© 1996-2020 Amazon.com, Inc., online,

site visited Mar. 22, 2021. Available from Internet, URL: https://www.amazon.com/Universal-Projector-Drop-in-Ceiling-Mount/dp/B007Z4R7EQ/ref=sr_1_1_sspa?dchild=1&keywords=Ceiling+Projector+Mount+Tile&qid=1616420709&sr=8-1-spons&psc=1&smid=A3NU2VKGXXME61&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFZQUhRVEJEVFPKUFkmZW5jcnlwdGVkSWQ9QTA5OTgyNmMxREpJOTdPNjZyMIQzJmVuY3J5cHRIZEFkSWQ9QTA3NzI5NTAxSTAwVO0Y0SIBNSE5WJndpZGldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWNoJmRvTm90TG9nQ2xpY2s9dHJlZQ (Year: 2012).*

PRGS Projector Mount Kit, Peerless-AV, peerless-av.com, author unlisted, published in 2020, © 2020 Peerless Industries, Inc., online, site visited Sep. 26, 2021. Available from Internet, URL: <https://docs.peerless-av.com/SELL%20SHEET-LIT1160-1-1.1-1.PDF> (Year: 2020).*

QualGear, “QualGear Pro-AV QG-KIT-S-3IN-W Projector Mount Kit Accessory Suspended Ceiling Adapter, 3" 1.5", White,” Amazon, downloaded from the Internet at <<https://www.amazon.com/QualGear-QG-KIT-S-3IN-W-Projector-Accessory-Suspended/dp/B01B1JFR0Q/>> (May 14, 2019).

Amer, “Universal Projector Drop-in Ceiling Mount,” Amazon, downloaded from the Internet at <<https://www.amazon.com/Universal-Projector-Drop-in-Ceiling-Mount/dp/B007Z4R7EQ/>> (May 14, 2019).

VIVO, “VIVO Universal Adjustable White Ceiling Projector/Projection Mount Extending Arms Mounting Bracket (MOUNT-VP01W),” Amazon, downloaded from Internet at <<https://www.amazon.com/VIVO-Universal-Adjustable-Projection-MOUNT-VP01W/dp/B01013QA86/>> (May 14, 2019).

* cited by examiner

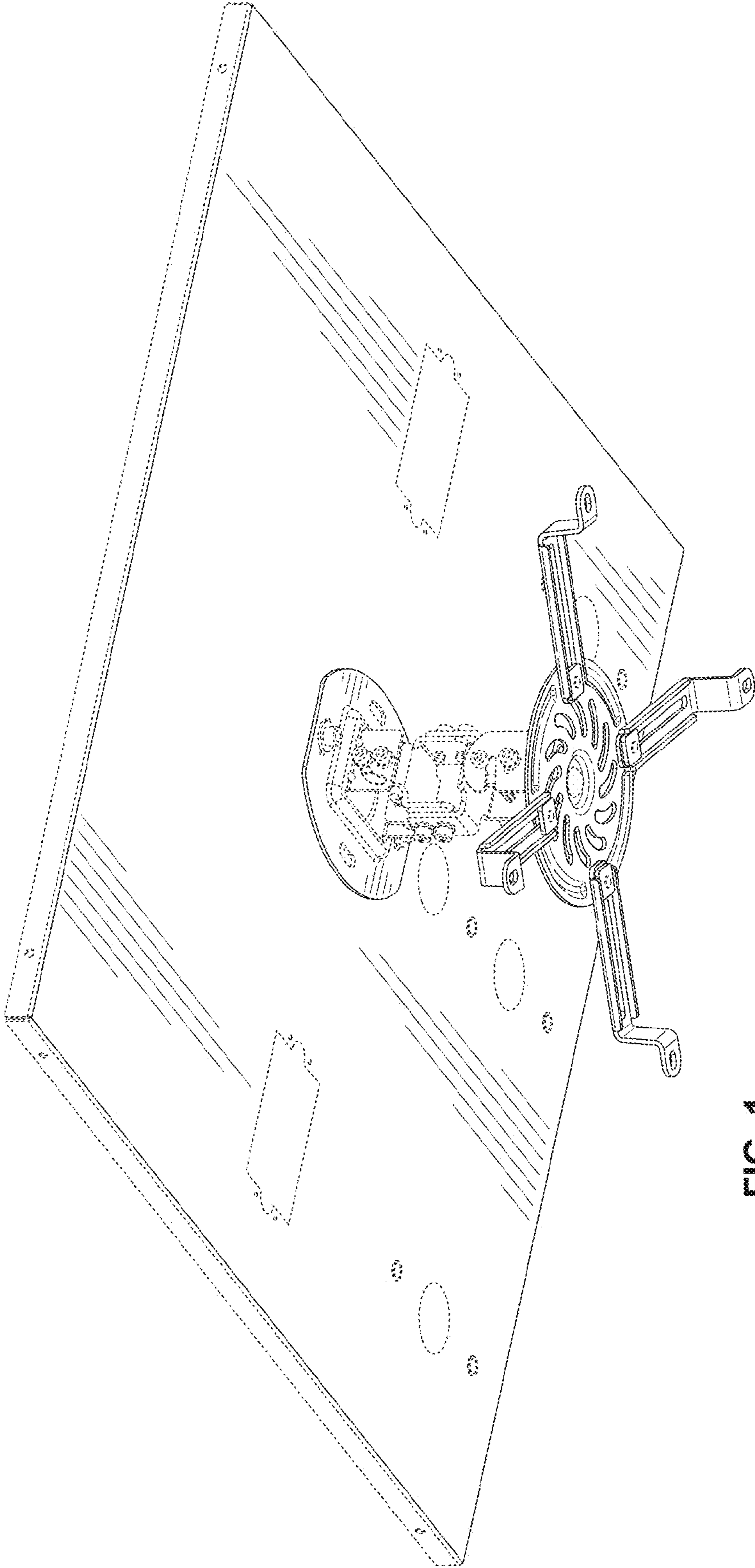


FIG. 1

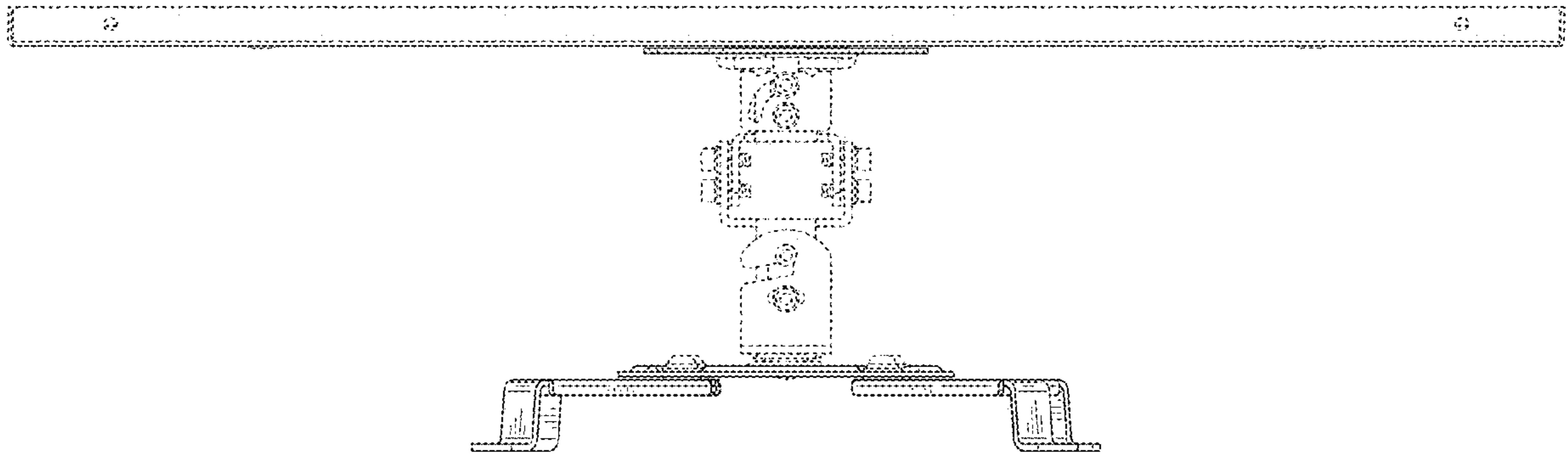


FIG. 2

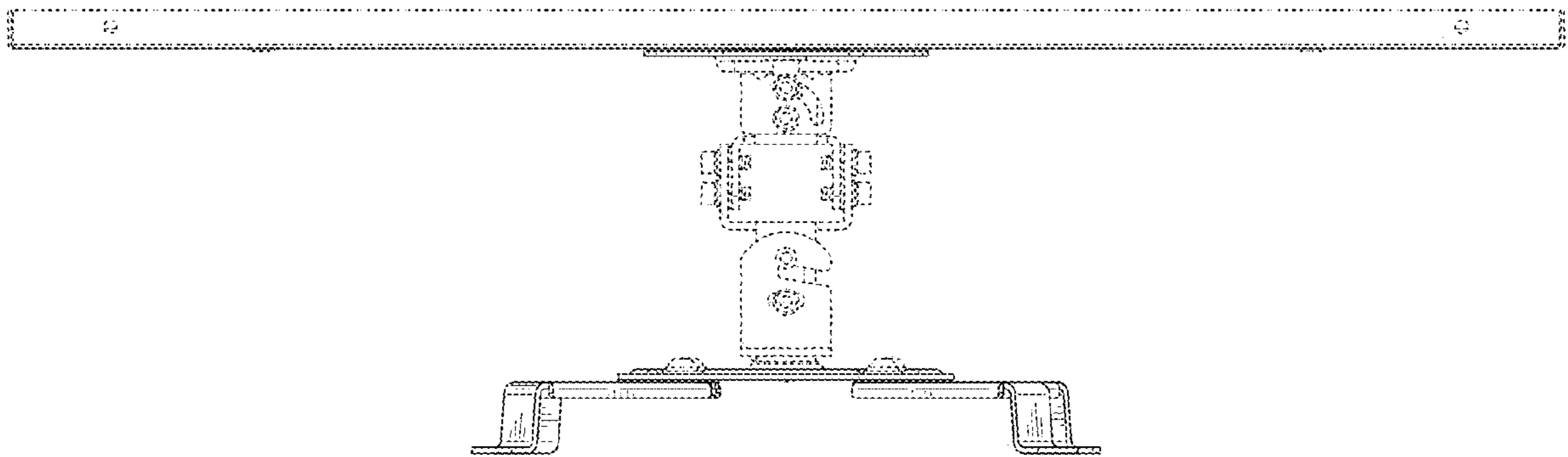


FIG. 3

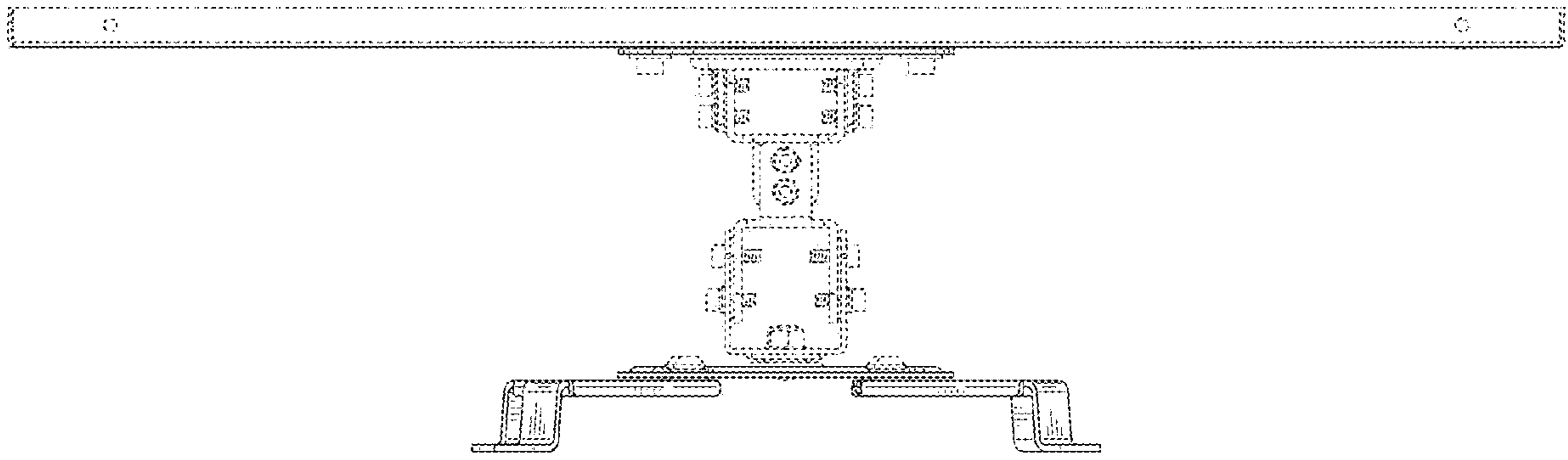


FIG. 4

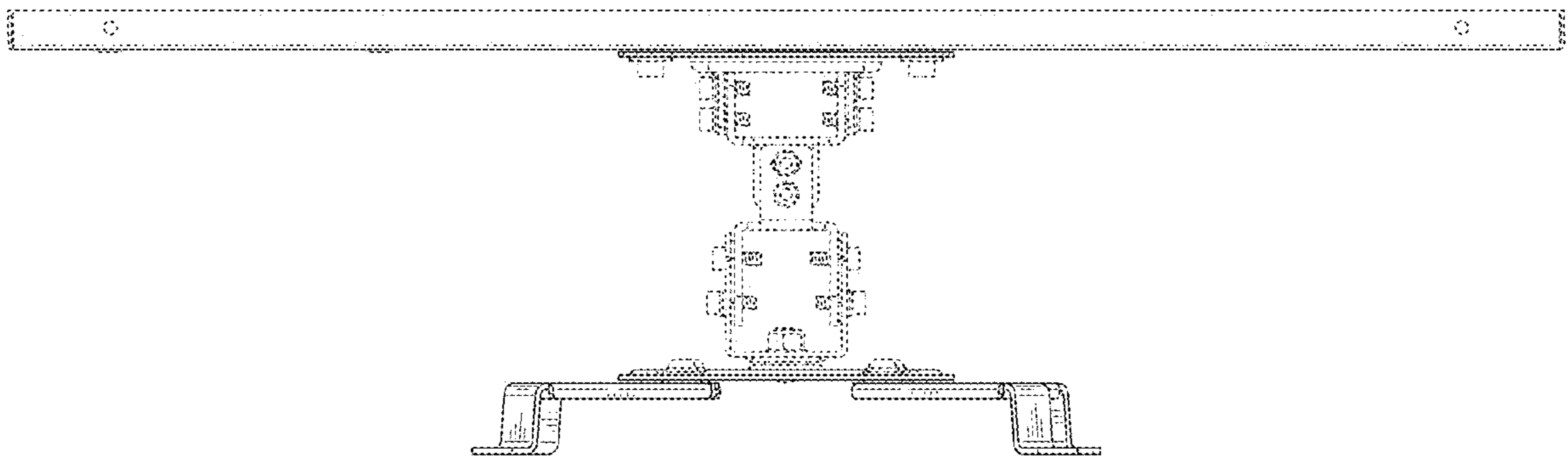


FIG. 5

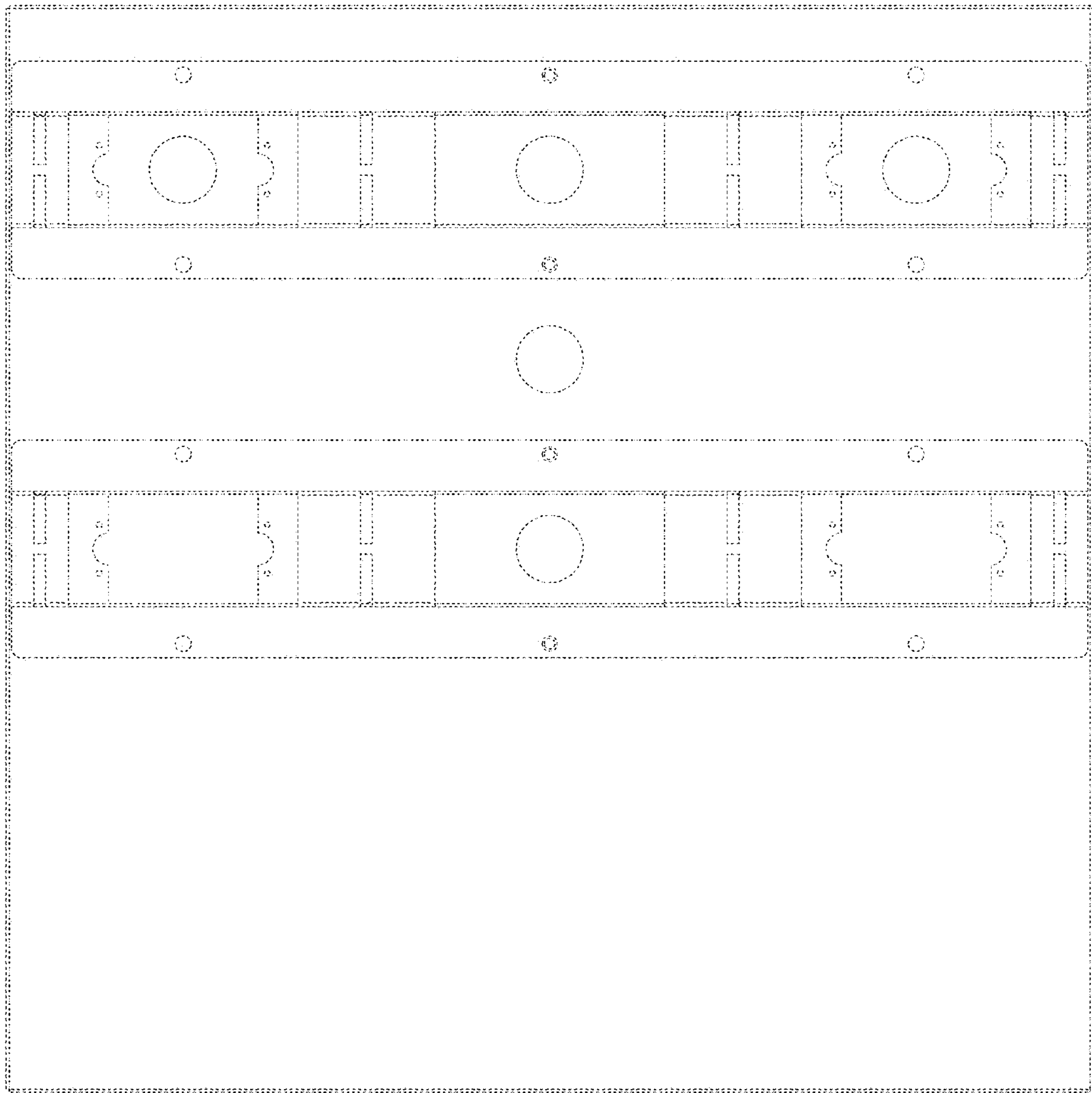


FIG. 6

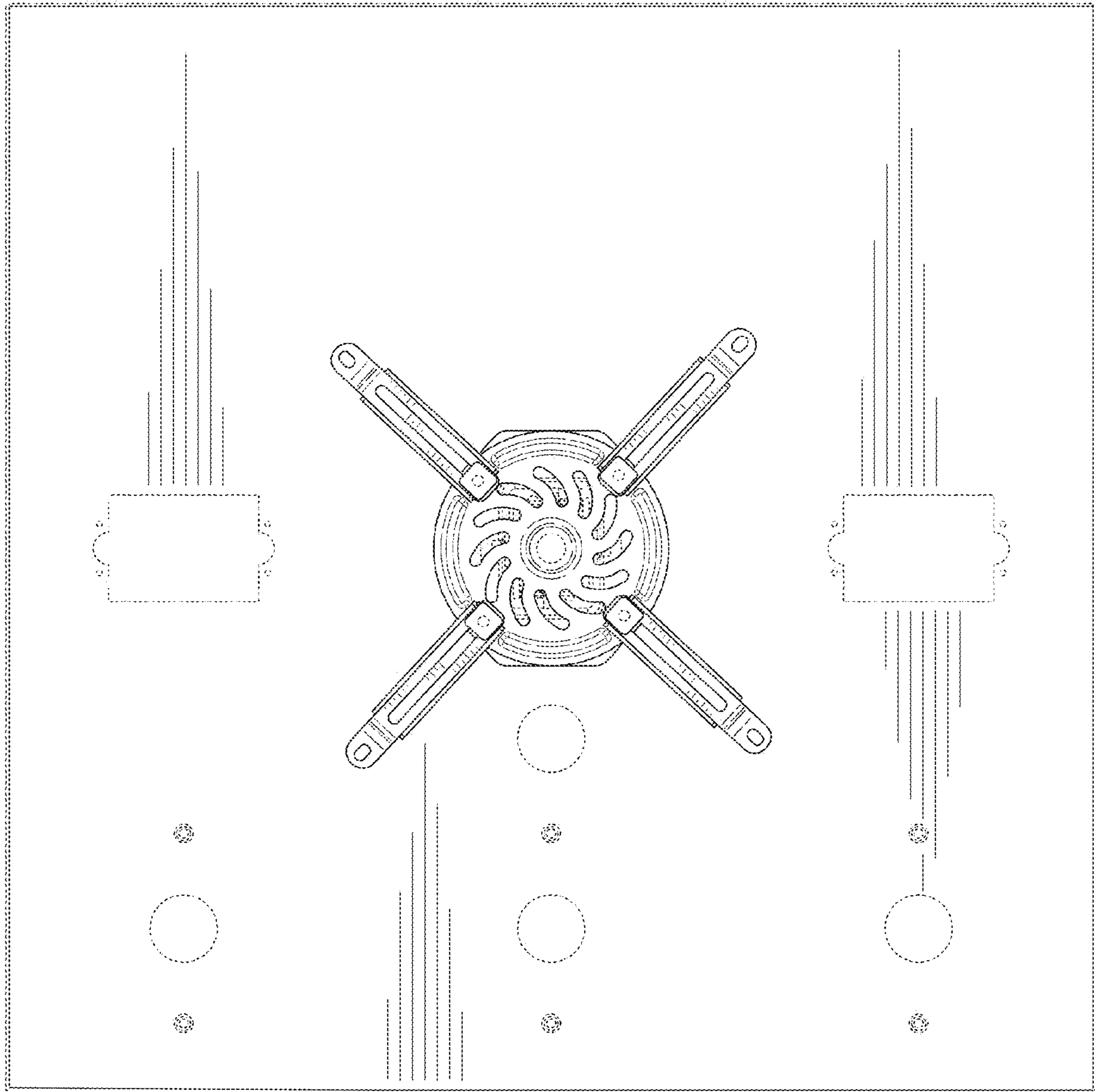


FIG. 7