



US00D994660S

(12)

United States Design Patent

Chila et al.

(10)

Patent No.:

US D994,660 S

(45)

Date of Patent:

** Aug. 8, 2023

(54) CONTROLLER FOR STORAGE SHELVING UNIT

(71) Applicant: Ethicon, Inc., Somerville, NJ (US)

(72) Inventors: Matthew Chila, Somerville, NJ (US);
Kevin McHale, Knoxville, TN (US);
Alex Weber, Knoxville, TN (US)

(73) Assignee: Ethicon, Inc., Raritan, NJ (US)

(**) Term: 15 Years

(21) Appl. No.: 29/855,520

(22) Filed: Oct. 4, 2022

Related U.S. Application Data

(62) Division of application No. 29/753,878, filed on Oct. 2, 2020.

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

(52) U.S. Cl. D14/307
USPC

(58) Field of Classification Search
USPC D14/167, 154, 168, 188, 496, 156, 160, D14/161, 162, 163, 164, 165, 158, 253, D14/192, 159, 155, 138 AB, 137, 104.1, D14/307; 455/351, 350, 353; D10/104, D10/106, 65, 78; 340/573.4, 573.1
CPC G08B 13/1672; G08B 13/19645; G08B 25/006; H04M 11/04
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D211,579 S 7/1968 Cordes, Jr.
4,329,800 A * 5/1982 Shuman F16B 7/105 40/607.04

D373,584 S 9/1996 Anand
D442,560 S * 5/2001 Price D13/163

D639,800 S * 6/2011 Magruder D6/675
D661,291 S 6/2012 Renukanand et al.
D662,992 S 7/2012 Hernandez
D723,026 S * 2/2015 Birgeoglu D14/307
D747,222 S * 1/2016 Indio da Costa D10/26
D776,651 S * 1/2017 Yates D14/307
D782,467 S * 3/2017 Bladwell D14/307
D826,922 S 8/2018 Väänänen
10,198,710 B1 2/2019 Hahn et al.
10,318,917 B1 6/2019 Goldstein et al.
D853,378 S * 7/2019 Väänänen D14/307
(Continued)

FOREIGN PATENT DOCUMENTS

KR 101 890 142 B1 8/2018

OTHER PUBLICATIONS

International Search Report and Written Opinion dated Jan. 5, 2022 received in International Application No. PCT/IB2021/058991.
(Continued)

Primary Examiner — Austin Murphy

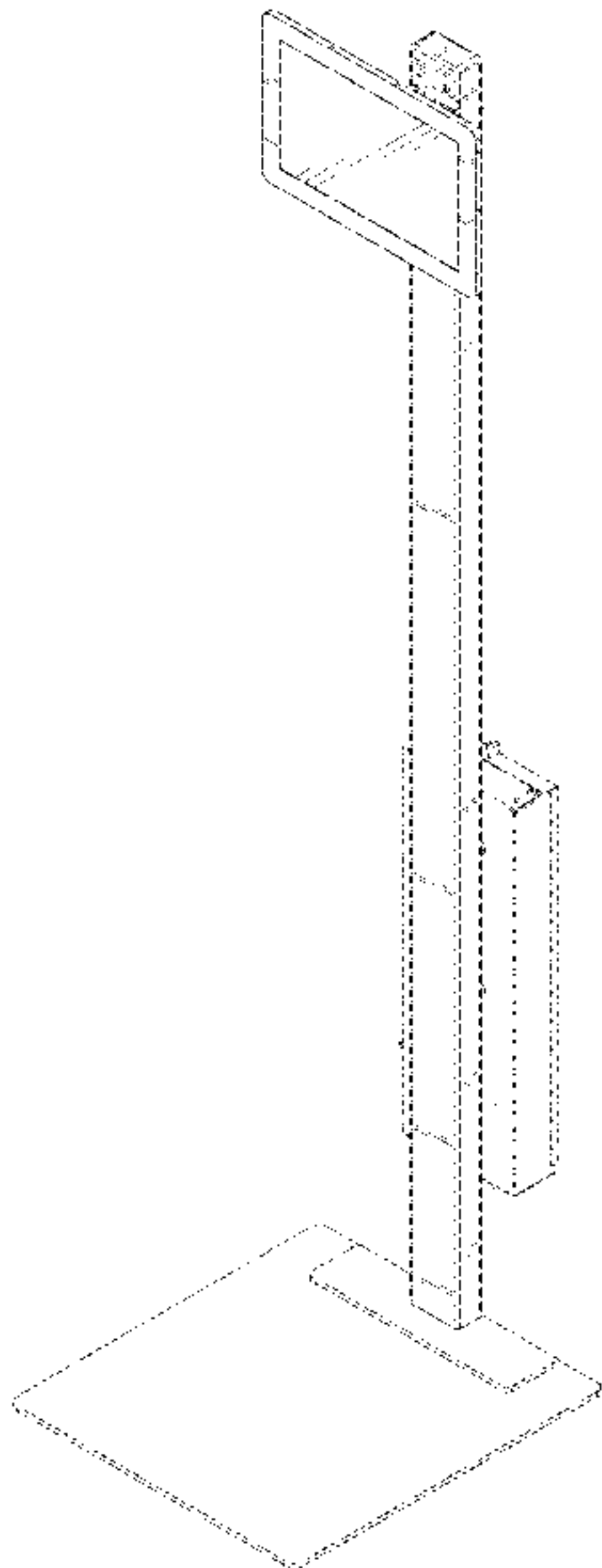
(57) CLAIM

The ornamental design for a controller for storage shelving unit, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the controller for storage shelving unit showing our new and ornamental design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a back elevation view thereof;
FIG. 4 is a side elevation view thereof;
FIG. 5 is an alternate side elevation view thereof; and,
FIG. 6 is a top plan view thereof.
The portions of the controller for storage shelving unit shown in broken lines in the figures attached hereto form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

10,339,493 B1 7/2019 Famularo et al.
D868,055 S * 11/2019 Benic D14/307
D884,693 S 5/2020 Mangeot
D884,694 S 5/2020 Mangeot
D894,894 S 9/2020 Corre
D896,806 S 9/2020 Zheng et al.
D902,919 S 11/2020 Carmona
D903,654 S 12/2020 Hansen
D928,869 S 8/2021 Zhang
D931,272 S * 9/2021 Ganz D14/307
D941,286 S 1/2022 Eun
D959,421 S * 8/2022 van de Ven D14/307
2011/0054668 A1 3/2011 Holmes et al.
2014/0297487 A1 10/2014 Bashkin
2018/0305123 A1 10/2018 Lert, Jr. et al.
2019/0231467 A1 8/2019 Grimsley et al.

OTHER PUBLICATIONS

International Search Report and Written Opinion dated Aug. 17,
2021 received in International Application No. PCT/IB2021/
054487.

* cited by examiner

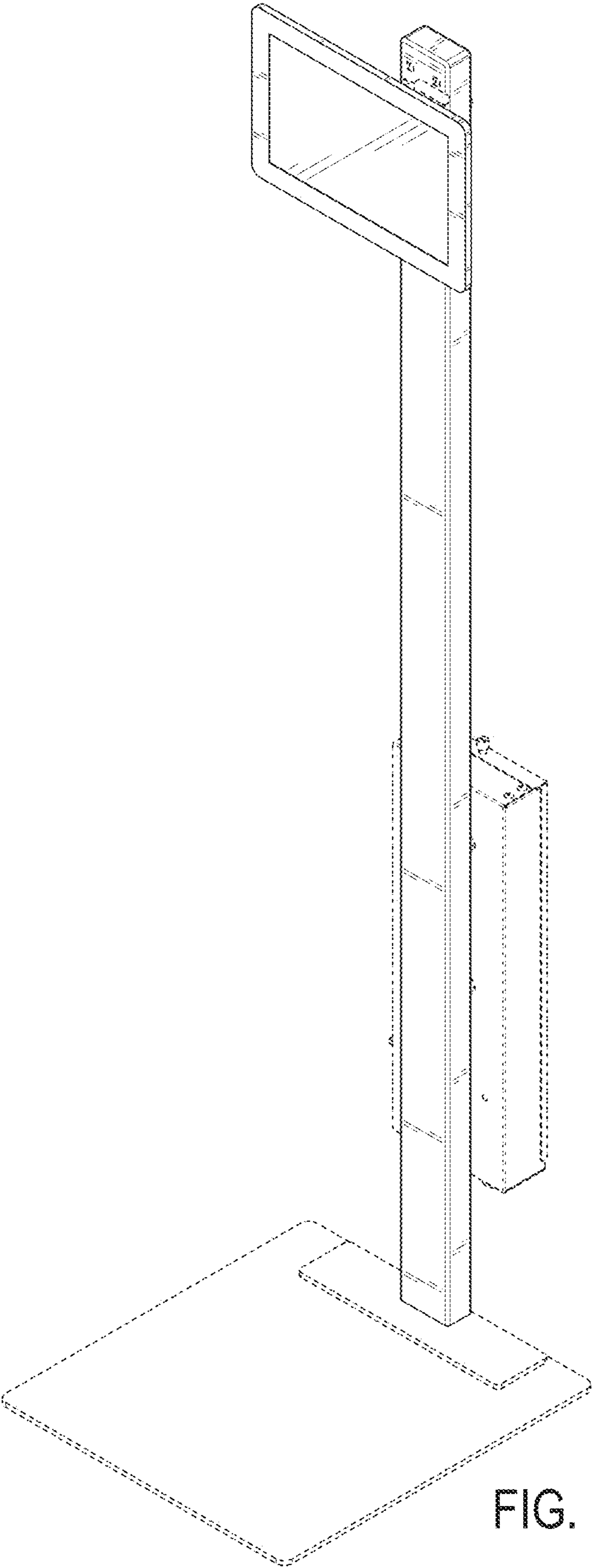


FIG. 1

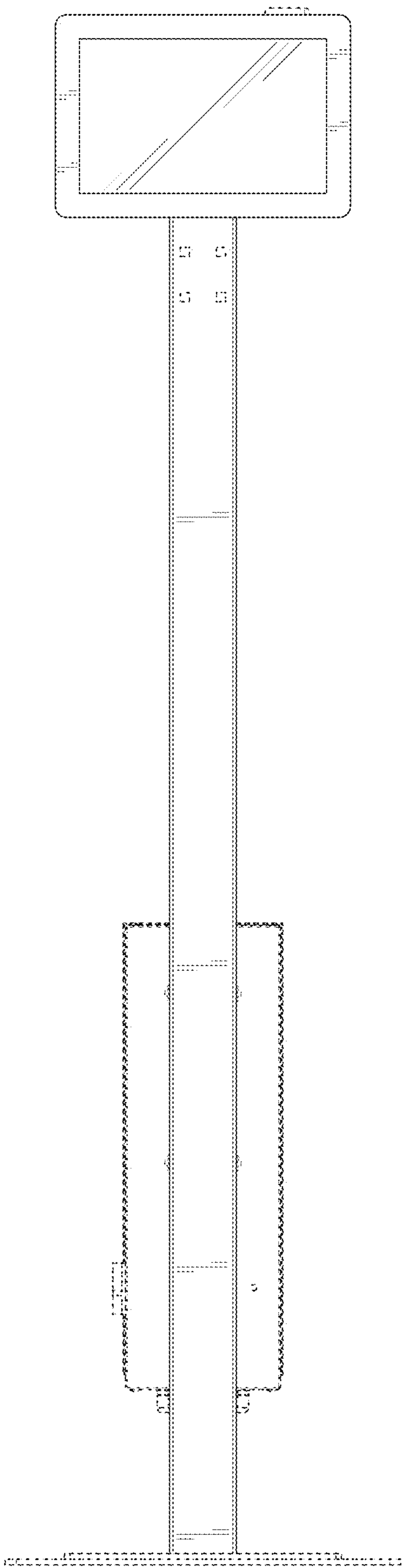


FIG. 2

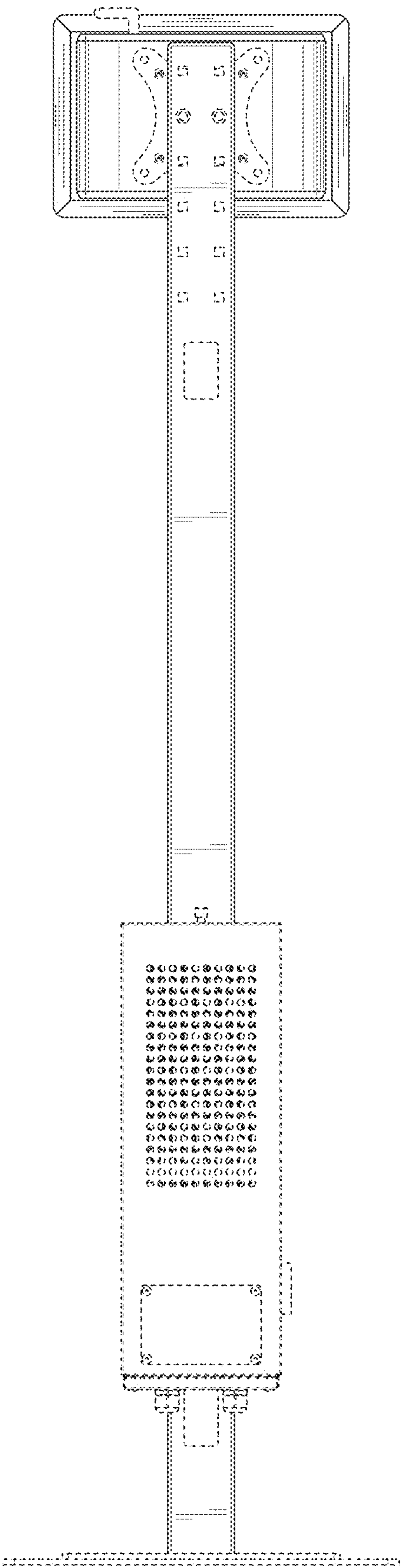


FIG. 3

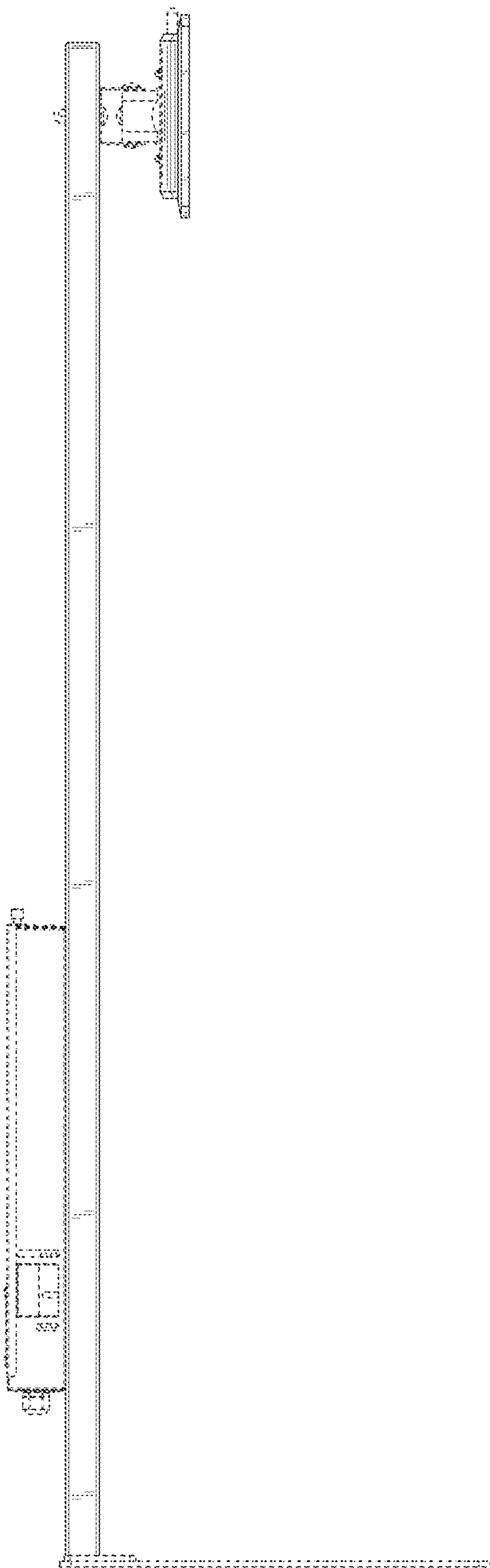


FIG. 4

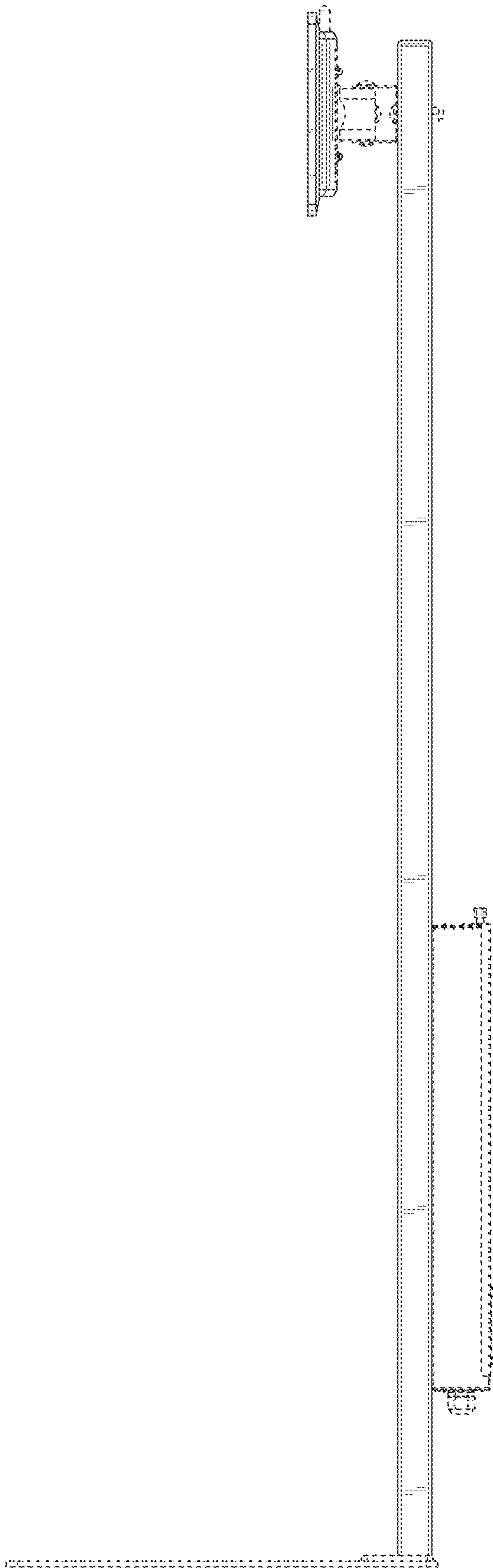


FIG. 5

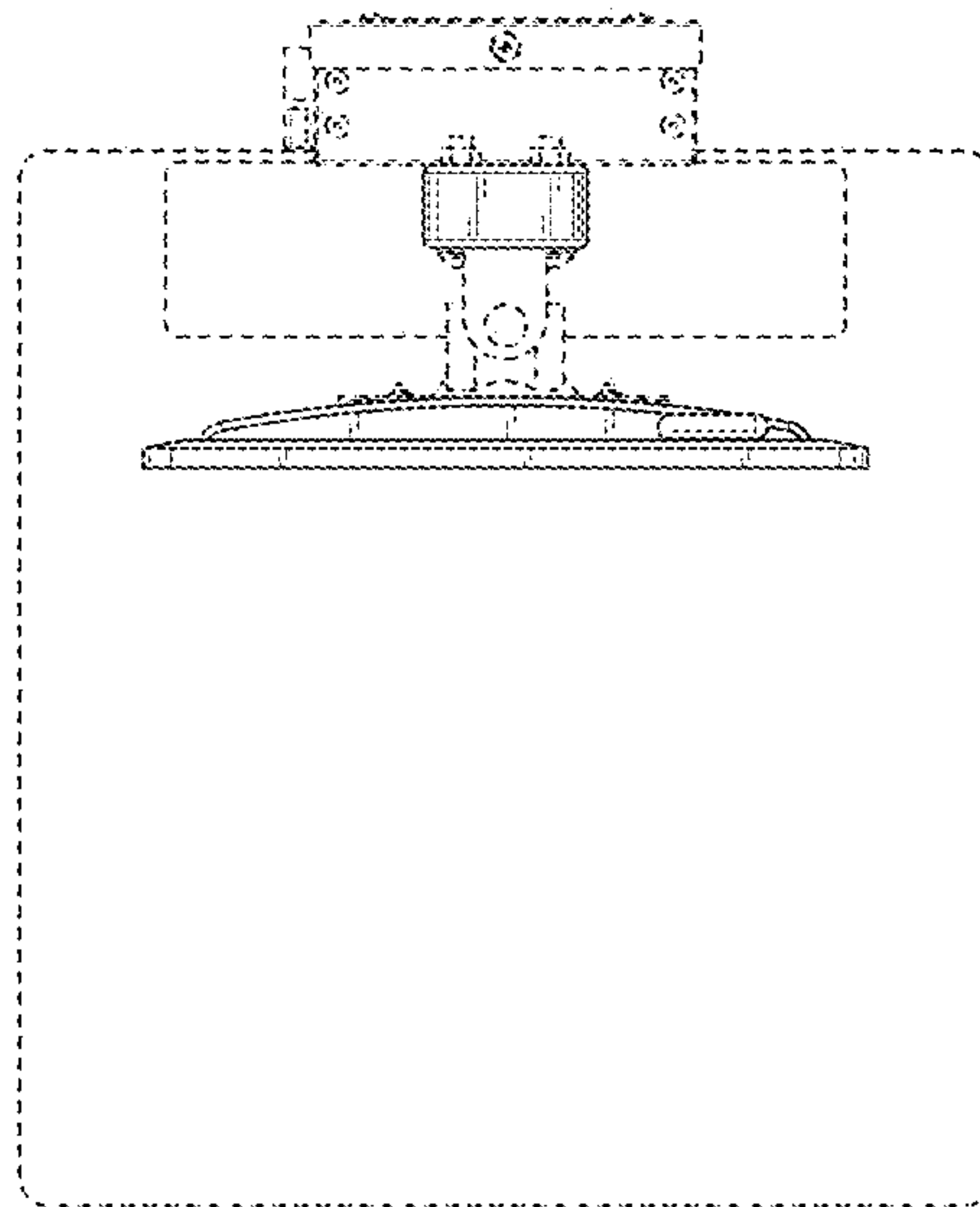


FIG. 6