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

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(45) **Date of Patent: ** *Oct. 15, 2024**

(54) **DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE**

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/845,003**

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(30) **Foreign Application Priority Data**

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(52) **U.S. Cl.**
USPC **D14/485**
(58) **Field of Classification Search**
USPC D14/489–495, 485–488
CPC G06F 3/048–04897; G06F 3/04815; G06F 2203/04802; H04B 17/0085; H01Q 19/06; H01Q 19/104; H01Q 15/06; H01Q 19/185;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D432,100 S * 10/2000 Zink D14/490
D489,379 S * 5/2004 Bungert D14/489

(Continued)

FOREIGN PATENT DOCUMENTS

EM 009099062-0001 * 8/2022
EM 009099062-0002 * 8/2022

(Continued)

OTHER PUBLICATIONS

Robert A. Schwarzer, Spatial Resolution in ACOM—What Will Come After EBSD, Publication Date Jan. 2008, Retrieved Date Feb. 5, 2024, Retrieved from Internet, <https://www.researchgate.net/figure/nteraction-volume-excitation-volume-and-spatial-resolutions-d-with-a-Backscatter_fig1_324963063 > (Year: 2008).*

(Continued)

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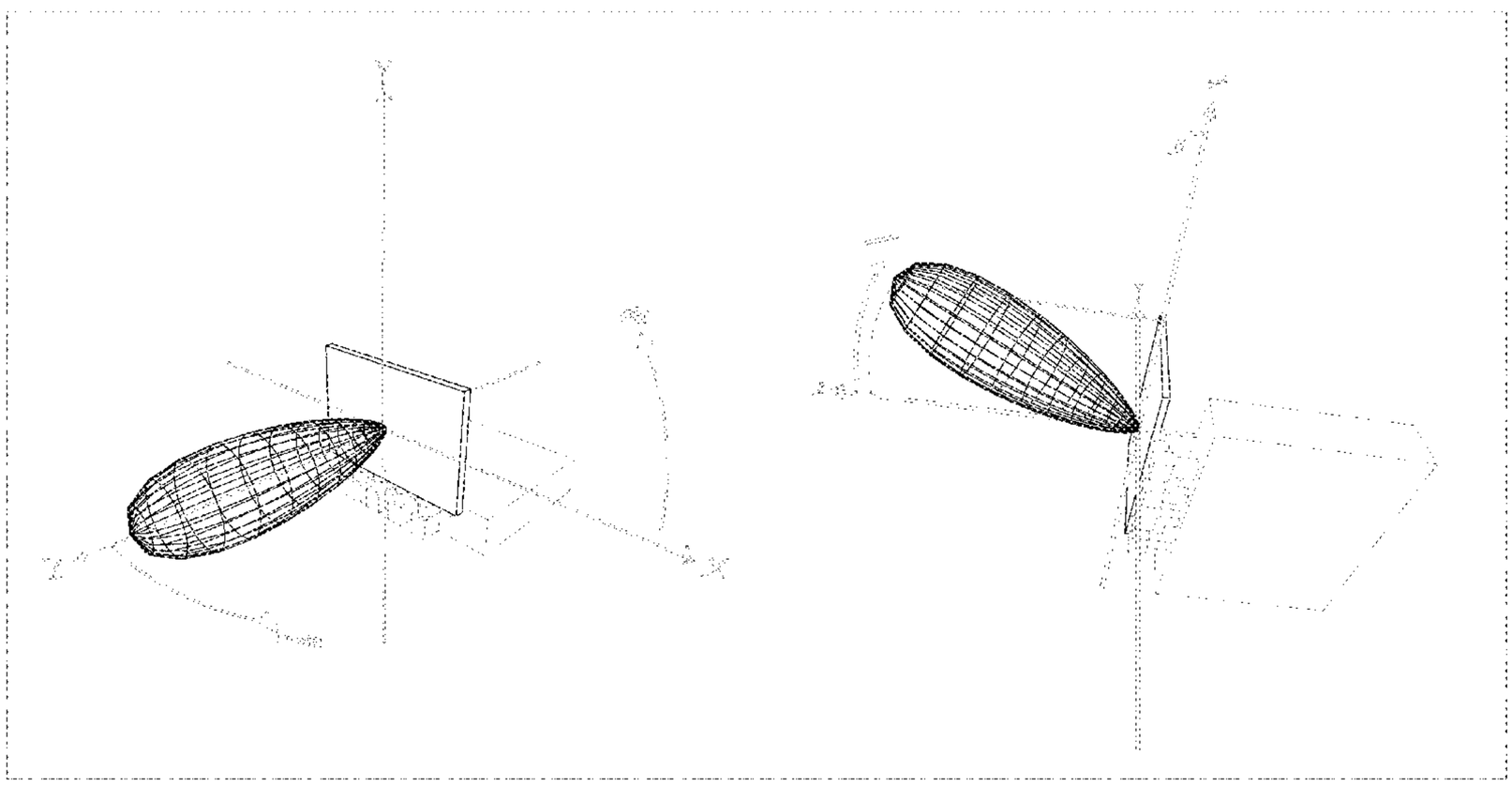
(57) **CLAIM**

The ornamental design for a display screen or portion thereof with graphical user interface as shown and described.

DESCRIPTION

FIG. **1** is a front view of a display screen or portion thereof with graphical user interface showing a first image of our new design;
FIG. **2** is a second image thereof;
FIG. **3** is a third image thereof;
FIG. **4** is a fourth image thereof; and,
FIG. **5** is a fifth image thereof.
The dot-dash broken lines illustrate a display screen or portion thereof and form no part of the claimed design. The dashed broken lines illustrate portions of the graphical user interface that form no part of the claimed design.
The appearance of the graphical user interface sequentially transitions between the images shown in FIGS. **1-5**. The process or period in which one image transitions to another image forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



(58) **Field of Classification Search**

CPC H01Q 21/293; H01Q 13/02; H01Q 15/14; H01Q 3/267; H01P 5/028; H01P 5/02; H01P 3/088; H01P 3/082; G01R 31/2822; G06T 15/00; G06T 7/00; G06T 2200/24; G06T 19/20

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,049,661	B1 *	11/2011	Loberger	H01Q 3/267 342/174
D759,721	S *	6/2016	Ryu	D14/492
10,531,309	B1 *	1/2020	Li	H04W 24/10
D888,074	S *	6/2020	Griswold	D14/485
10,714,836	B1 *	7/2020	Karabacak	H04B 7/0868
11,005,581	B1 *	5/2021	Gomadam	H04B 17/12
11,096,668	B2 *	8/2021	Lee	G06F 3/04845
D938,494	S *	12/2021	Zhou	D14/494
11,205,827	B2 *	12/2021	Chang	H01Q 19/104
11,251,865	B2	2/2022	Khatibzadeh et al.	
D985,020	S *	5/2023	Capela	D14/492
D1,016,854	S *	3/2024	Ghodsi	D14/492
11,929,553	B2 *	3/2024	Shammas	H01Q 15/242
11,936,109	B2 *	3/2024	Deforge	H01Q 19/06
D1,030,772	S *	6/2024	Gupta	D14/488
D1,031,760	S *	6/2024	O'Neill	D14/486
D1,032,623	S *	6/2024	Lim	D14/485
2008/0007453	A1 *	1/2008	Vassilakis	H01Q 3/267 342/368
2011/0063169	A1 *	3/2011	Chen	H01Q 3/267 342/368
2013/0217450	A1 *	8/2013	Kanj	H01Q 21/293 455/575.7
2015/0116154	A1 *	4/2015	Artemenko	H01Q 19/17 342/374
2016/0103198	A1 *	4/2016	Swope	G01S 13/75 342/372
2016/0276979	A1 *	9/2016	Shaver	H01Q 15/148
2016/0315386	A1 *	10/2016	Klemes	H01Q 21/0031
2016/0344095	A1 *	11/2016	Tagi	H01Q 1/3233
2017/0187109	A1 *	6/2017	Wang	H01Q 3/36
2017/0237153	A1 *	8/2017	Chang	H01Q 1/245 343/876
2017/0271762	A1 *	9/2017	Ko	H01Q 21/065
2017/0338550	A1 *	11/2017	Alon	H01Q 1/245
2018/0013205	A1 *	1/2018	Rosenauer	H01Q 15/16
2018/0053996	A1 *	2/2018	Nishimura	H01Q 15/16
2018/0131089	A1 *	5/2018	Yilmaz	H01Q 21/065
2018/0294561	A1 *	10/2018	Hayes	H01Q 15/0066
2019/0372656	A1 *	12/2019	Fang	H01Q 3/26
2020/0186261	A1 *	6/2020	Devarasetty	H04B 7/0617
2020/0275517	A1 *	8/2020	Ashrafi	H04W 76/22
2021/0050923	A1 *	2/2021	Chang	H04B 17/0085
2021/0058140	A1 *	2/2021	Schwab	H04B 7/0413
2021/0063534	A1 *	3/2021	Shams	G01S 7/4052
2021/0111496	A1 *	4/2021	Matitsine	H01Q 15/10
2021/0249788	A1 *	8/2021	Saitto	H01Q 3/20
2021/0376461	A1 *	12/2021	Dallal	H01Q 25/007
2022/0229154	A1 *	7/2022	Chou	H01Q 3/38
2022/0352622	A1 *	11/2022	Choudhury	H01Q 1/3275
2022/0365133	A1 *	11/2022	Bonthron	G01R 31/2882
2023/0025983	A1 *	1/2023	Huang	H01Q 15/006
2023/0028637	A1 *	1/2023	Deforge	H01Q 3/24
2024/0022006	A1 *	1/2024	Lin	H01Q 21/26

FOREIGN PATENT DOCUMENTS

EM	009099062-0003	*	8/2022
EM	009099062-0004	*	8/2022
JP	D1746920	*	6/2023
JP	D1746975	*	6/2023
JP	D1747309	*	6/2023
JP	D1747310	*	6/2023
TW	202042515		11/2020
TW	202116110		4/2021
TW	737337		8/2021
TW	227352-0001	*	9/2023

OTHER PUBLICATIONS

Mahmoud Moubadir, Design and implementation of a technology planar 4x4 butler matrix for networks application, Publication Date Jan. 2015, Retrieved Date Feb. 5, 2024, Retrieved from Internet, < https://www.researchgate.net/figure/Radiation-pattern-of-a-patch-antenna-array-in-3D_fig10_303106848> (Year: 2015).*

Remcomsoftware, mulation of Massive MIMO Beamforming in an Urban Small Cell, Publication Date Jun. 20, 2017, Retrieved Date Feb. 5, 2024, Retrieved from Internet, <https://www.youtube.com/watch?v=LAsQXBXrviQ > (Year: 2017).*

Nieves Jimeno and Manuel Laso, Representation Surfaces for Physical Properties of Materials, Publication Date Apr. 5, 2020, Retrieved Date Feb. 5, 2024, Retrieved from Internet, < https://link.springer.com/chapter/10.1007/978-3-030-40870-1_7> (Year: 2020).*

Keysight Design Software, Millimeter-wave Beamforming in PathWave System Design (SystemVue), Publication Date Aug. 28, 2020, Retrieved Date Feb. 5, 2024, Retrieved from Internet, <https://www.youtube.com/watch?v=eURqSo0fb2w> (Year: 2020).*

Tmytek, BBox 5G: 5G mmWave NR Beamforming Development Tool, Publication Date Jul. 5, 2022, Retrieved Date Feb. 5, 2024, Retrieved from Internet, <https://www.microwavejournal.com/articles/38488-bbox-5g-5g-mmwave-nr-beamforming-development-tool > (Year: 2022).*

Tmytek, BBox™ 5G mmWave NR Beamforming Development Tool, Publication Date Jan. 20, 2022, Retrieved Date Feb. 5, 2024, Retrieved from Internet, <https://web.archive.org/web/20220120113420/https://www.tmytek.com/products/beamformers/bbox> (Year: 2022).*

DG7YBN / 144 MHz / YBN 2-7mz, Publication Date Jun. 28, 2023, Retrieved Date Feb. 5, 2024, Retrieved from Internet, <http://dg7ybn.de/144MHz/144_YBN2_7mz.htm > (Year: 2023).*

MYREK—MIMO, Publication Date Nov. 28, 2023, Retrieved Date Feb. 5, 2024, Retrieved from Internet, <https://web.archive.org/web/20231128142427/https://tmytek.com/solutions/mimo> (Year: 2023).*

MYTEK—mmW-SDR: Accelerate Your Wireless Innovation, Publication Date Nov. 1, 2023, Retrieved Date Feb. 5, 2024, Retrieved from Internet, < https://web.archive.org/web/20231101160724/https://www.tmytek.com/solutions/mmW-SDR> (Year: 2023).*

Bill Schweber, FAQ: Antenna-in-package answers the "last mile" RF challenge, Part 2, Publication Date Jun. 6, 2023, Retrieved Date Feb. 5, 2023, Retrieved from Internet, < https://www.5gtechnologyworld.com/faq-antenna-in-package-answers-the-last-mile-rf-challenge-part-2/> (Year: 2023).*

"Office Action of Taiwan Counterpart Application", issued on Dec. 14, 2022, p. 1-4.

* cited by examiner

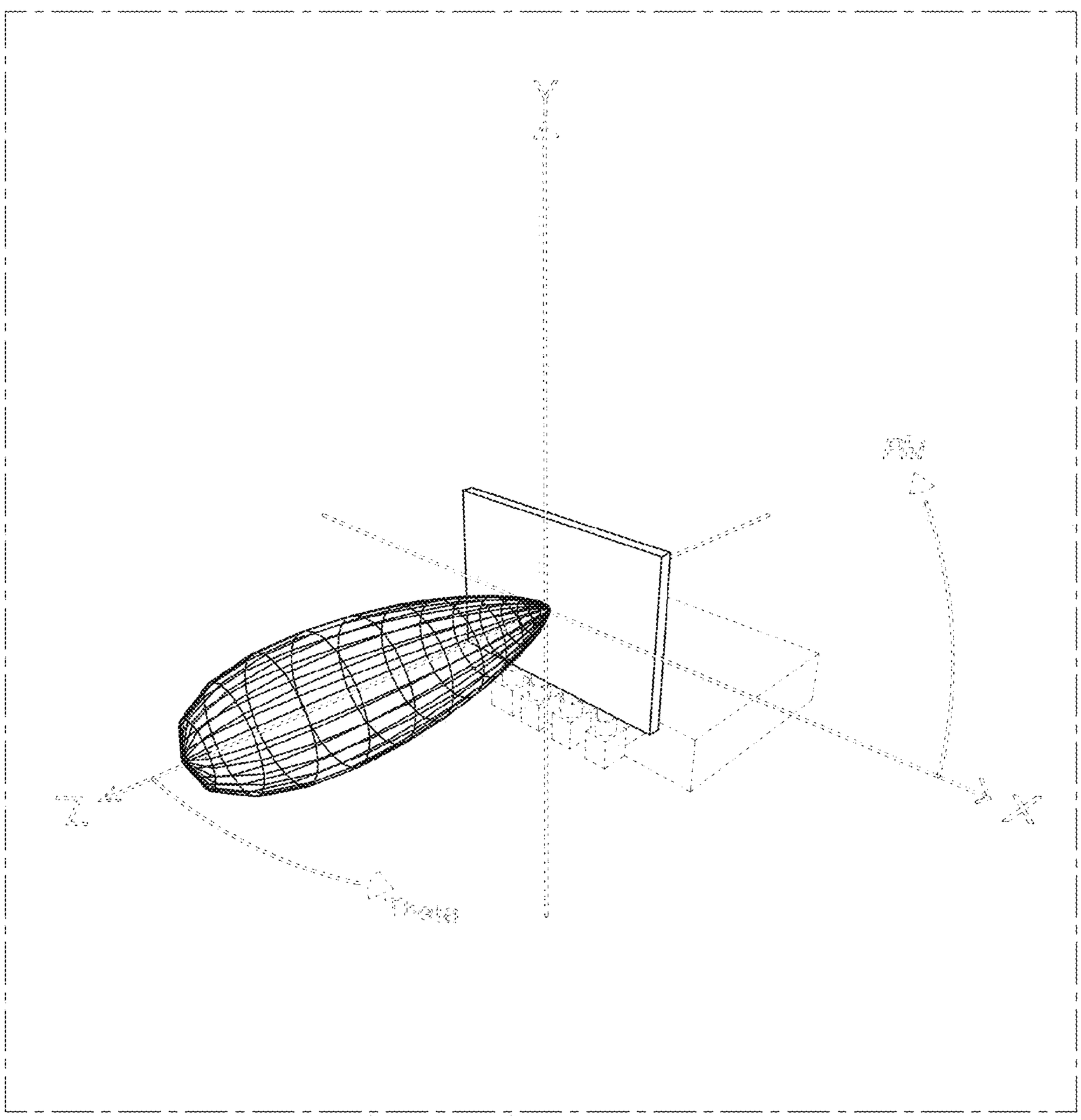


FIG. 1

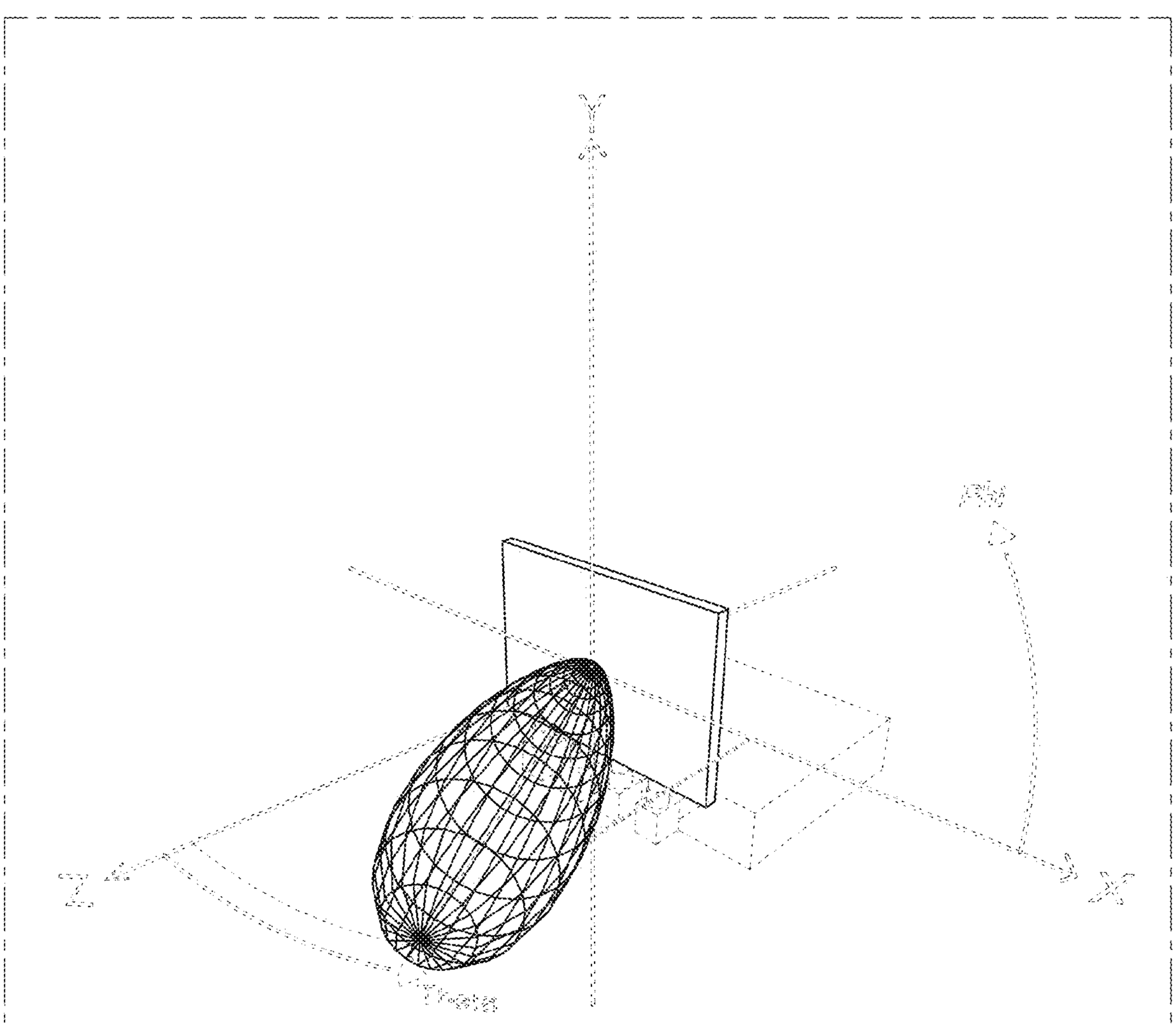


FIG. 2

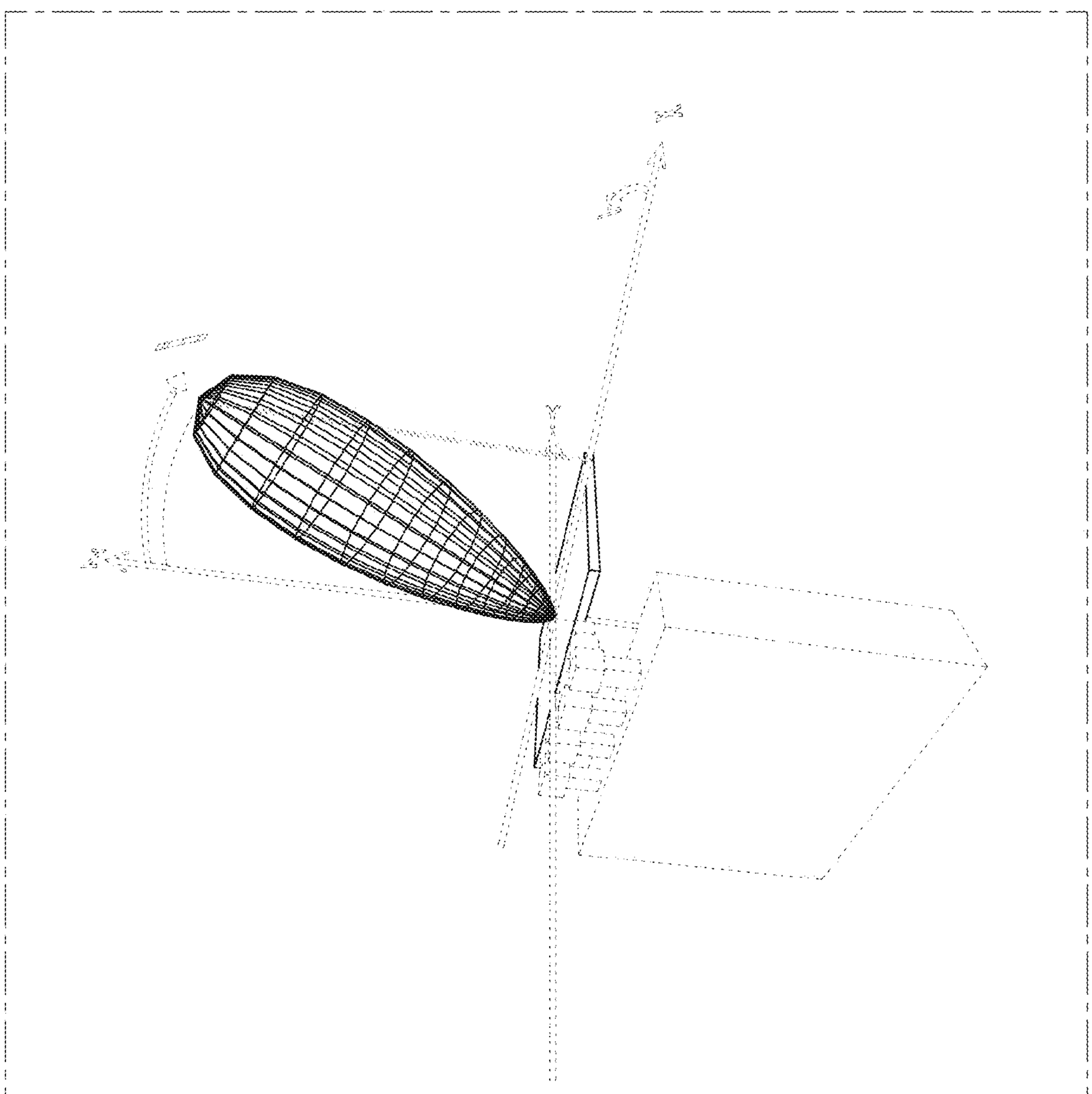


FIG. 3

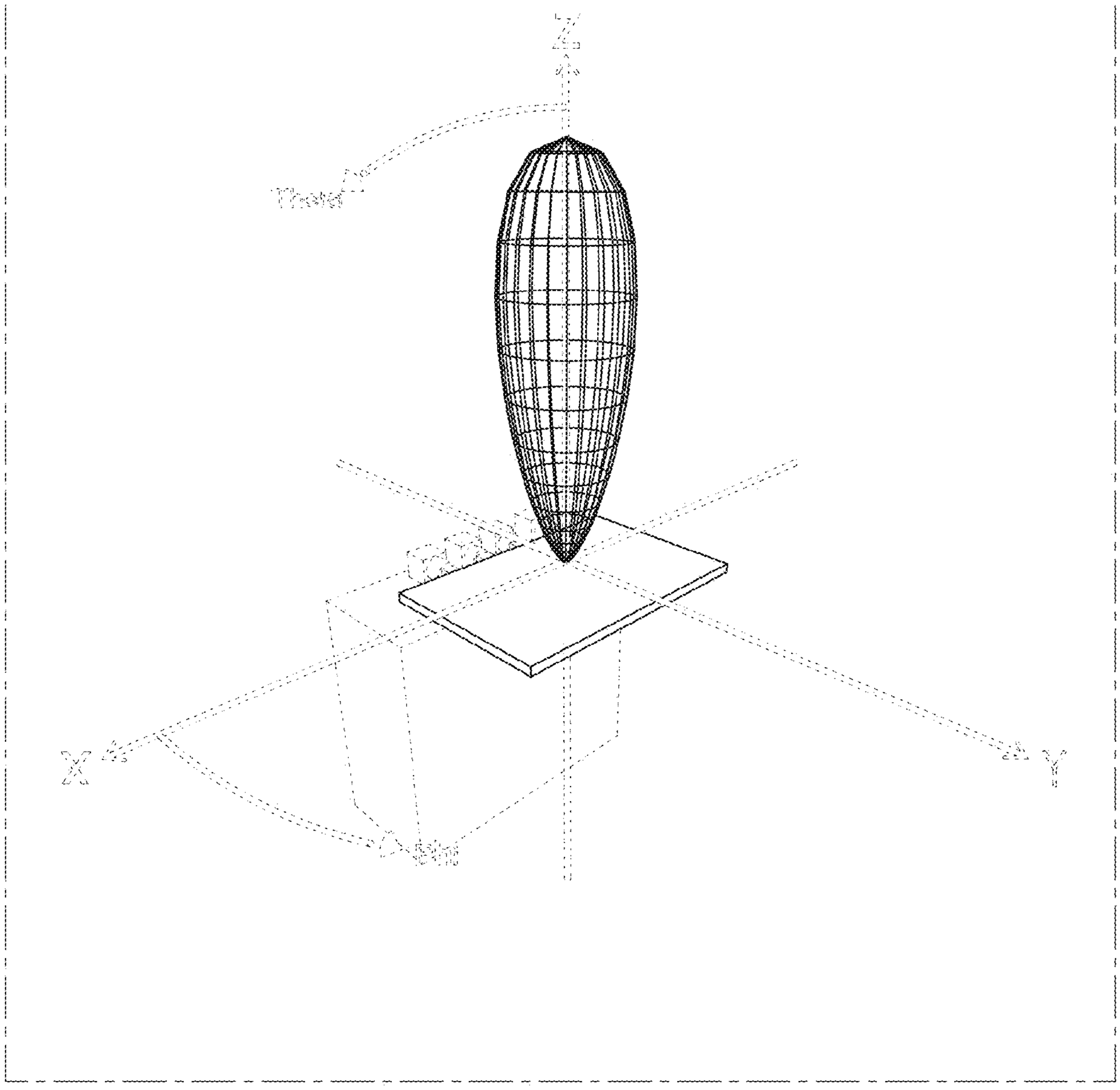


FIG. 4

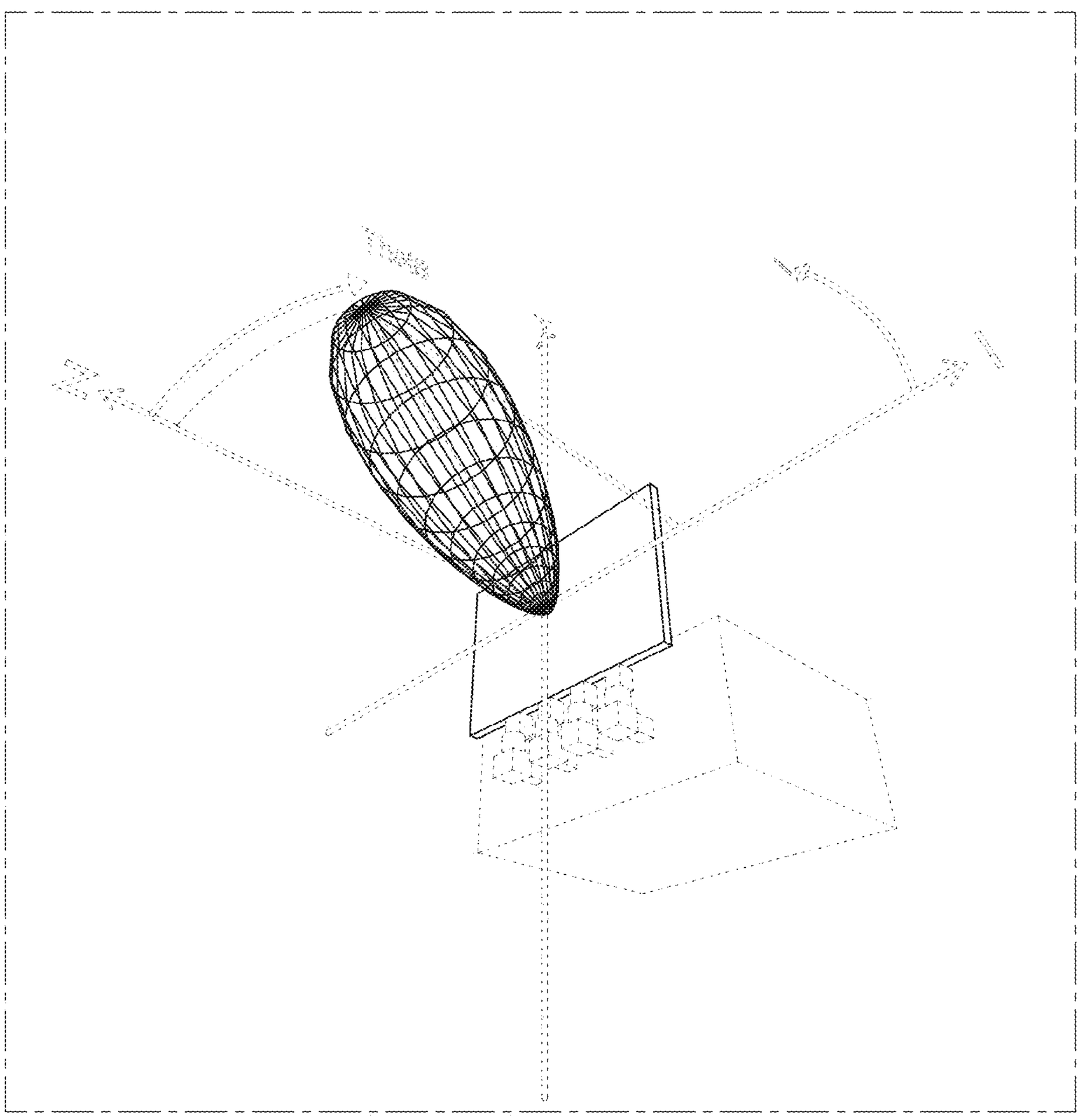


FIG. 5