



US00D878342S

(12) **United States Design Patent**
Yang

(10) **Patent No.:** **US D878,342 S**
(45) **Date of Patent:** **** Mar. 17, 2020**

(54) **ANTENNA**

(71) Applicant: **SHENZHEN ANTOP TECHNOLOGY LIMITED**, Shenzhen (CN)

(72) Inventor: **Ruidian Yang**, Shenzhen (CN)

(73) Assignee: **SHENZHEN ANTOP TECHNOLOGY LIMITED**, Shenzhen (CN)

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

(21) Appl. No.: **29/691,944**

(22) Filed: **May 21, 2019**

Related U.S. Application Data

(62) Division of application No. 29/617,825, filed on Sep. 15, 2017.

(51) **LOC (12) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/230**

(58) **Field of Classification Search**
USPC D14/230–238, 138, 172, 188, 203.1, D14/203.3, 203.6, 204, 216, 221, 238.1, D14/240, 242, 299, 314, 343, 356, 358, D14/496, 509, 497, 498, 500, 506, D14/168–171, 195, 211, 265
CPC H01Q 1/12; H01Q 1/22; H01Q 1/007; H01Q 1/38; H01Q 7/00; H01Q 9/40; H01Q 9/285; H01Q 9/065; H01Q 9/44; H01Q 9/265; H01Q 19/10; H01Q 19/106; H01Q 19/12; H01Q 19/13; H01Q 19/15; H01Q 19/30; H01Q 21/28; H01Q 21/06; H01Q 21/062; H01Q 21/293; G05D 1/02; G05D 1/0234

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,480,155 A * 8/1949 Masters H01Q 9/285 343/795
2,875,441 A * 2/1959 McGrane H01Q 9/265 343/806
D188,495 S 8/1960 Gould
D209,969 S * 1/1968 Greenberg D14/230
3,396,399 A * 8/1968 Winegard H01Q 19/30 343/811
3,475,759 A * 10/1969 Winegard H01Q 1/1228 343/701
D358,820 S 5/1995 Gunnarsson
D364,874 S 12/1995 Cheng
D418,840 S 1/2000 Cota et al.

(Continued)

OTHER PUBLICATIONS

Antop AV-184, online, no postdate, URL: <http://www.antop.com/av-184>, retrieved Jun. 25, 2019.*

Primary Examiner — Jeffrey D Asch

Assistant Examiner — Rebekah A Caruso

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

(57) **CLAIM**

The ornamental design for an antenna, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of an antenna showing my new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;

(Continued)

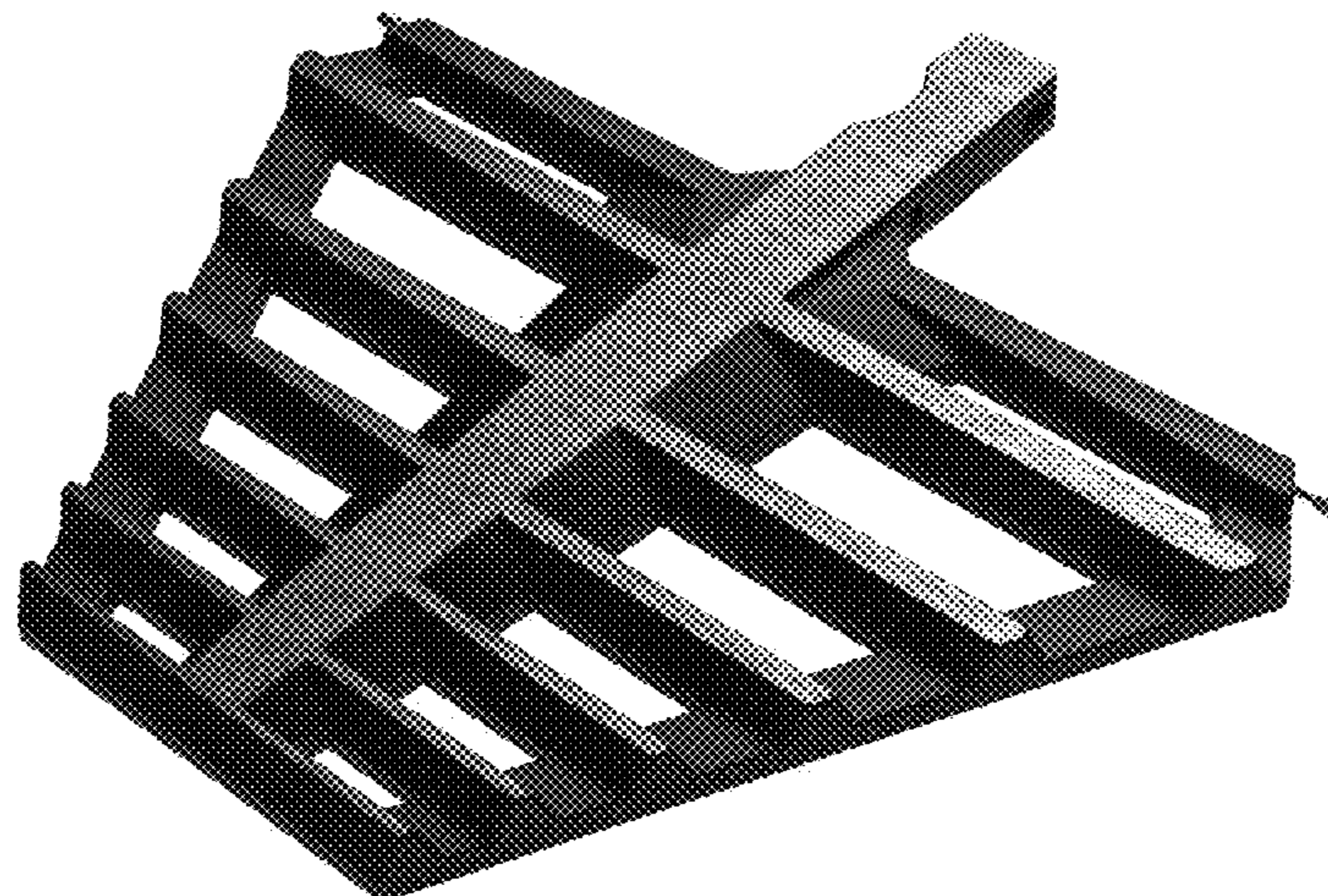


FIG. 7 is a front, bottom, left perspective view thereof;
FIG. 8 is a front, top, left perspective view thereof; and,
FIG. 9 is a rear, bottom, right perspective view thereof.

1 Claim, 9 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

D426,233	S	6/2000	Chrissey et al.	
D427,997	S	7/2000	Inoue	
6,307,524	B1 *	10/2001	Britain	H01Q 19/30 343/795
D468,302	S	1/2003	Sato	
D520,990	S	5/2006	Kowalewicz et al.	
D533,545	S	12/2006	Inoue	
D546,323	S *	7/2007	Van Buren	D14/230
D590,816	S	4/2009	Chao	
RE47,282	E	3/2019	Tompkin et al.	
D845,934	S *	4/2019	Snyker	D14/230
D845,935	S *	4/2019	Snyker	D14/230
2006/0125711	A1	6/2006	Wang	

* cited by examiner

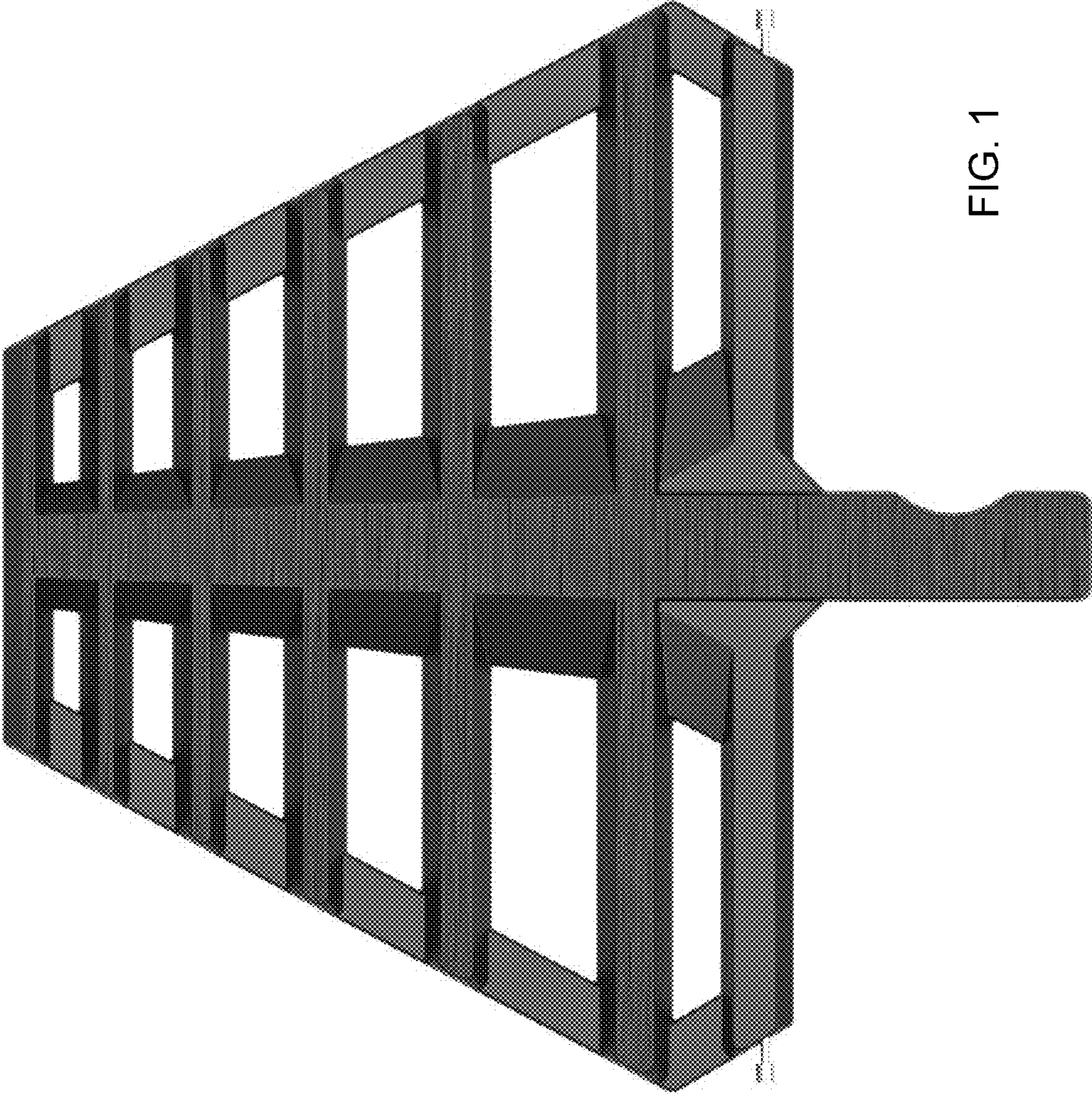


FIG. 1

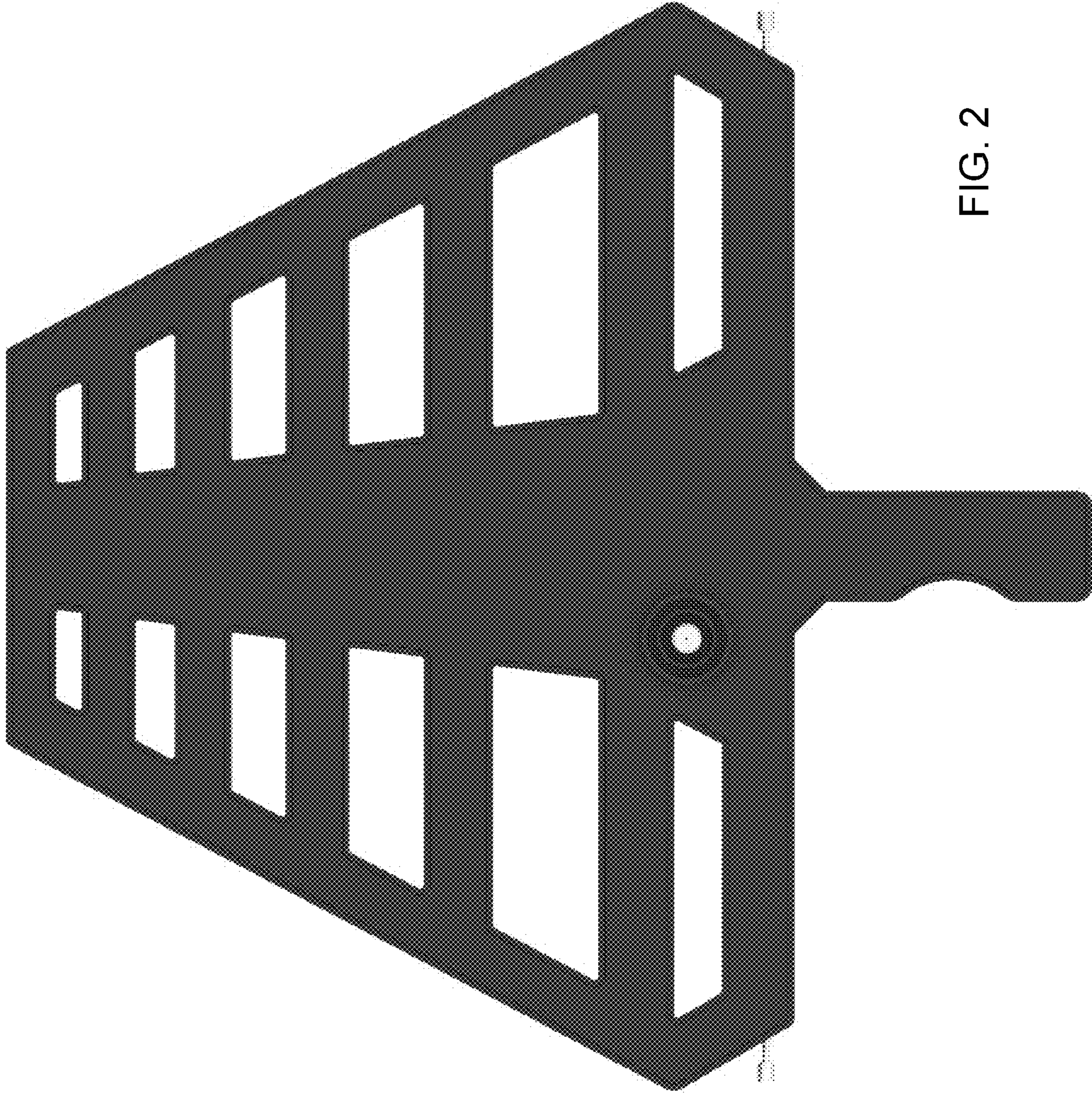


FIG. 2



FIG. 3



FIG. 4

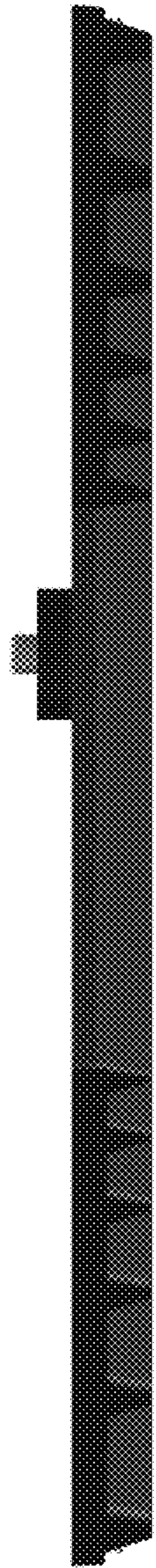


FIG. 5

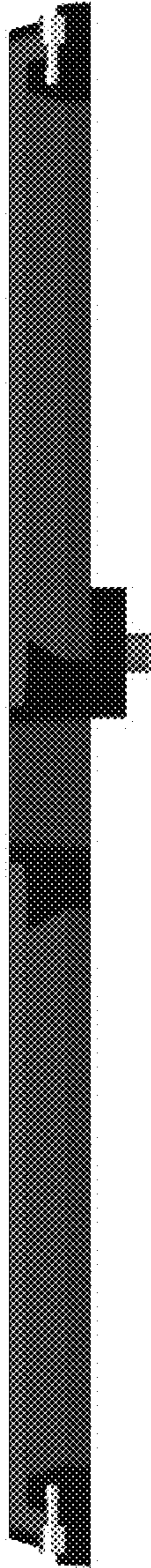


FIG. 6



FIG. 7

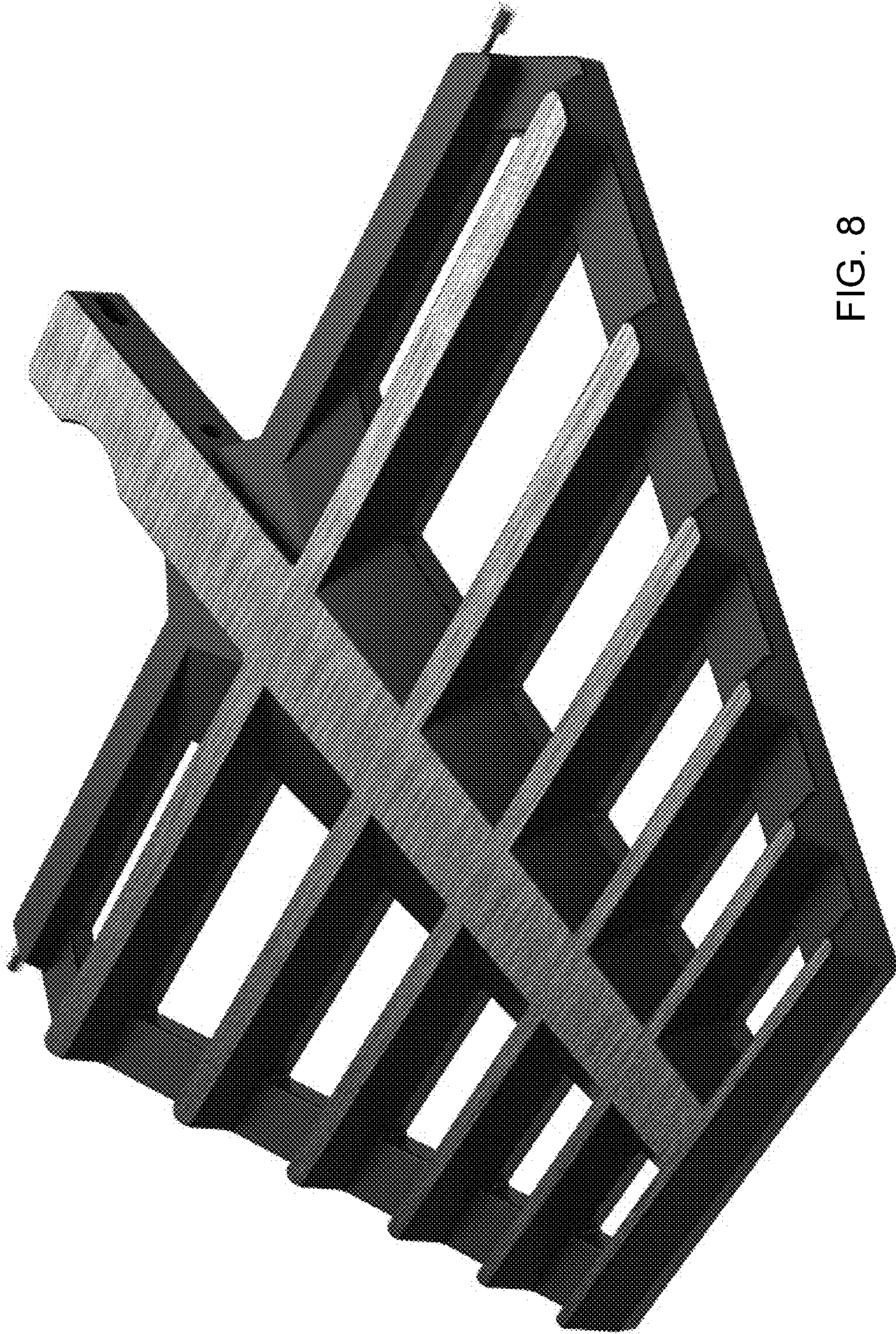


FIG. 8



FIG. 9