



US00D637408S

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

(10) **Patent No.:** **US D637,408 S**
(45) **Date of Patent:** **** May 10, 2011**

(54) **FILM SHEET FOR USE IN ANTIBALLISTIC ARTICLES**

(75) Inventors: **Reinard Steeman**, Elsloo (NL); **Marcel Jongedijk**, Sittard (NL)

(73) Assignee: **DSM IP Assets B.V.**, Heerlen (NL)

(**) Term: **14 Years**

(21) Appl. No.: **29/367,788**

(22) Filed: **Aug. 12, 2010**

Related U.S. Application Data

(62) Division of application No. 29/338,896, filed on Jun. 19, 2009.

(51) **LOC (9) Cl.** **05-06**

(52) **U.S. Cl.** **D5/58**

(58) **Field of Classification Search** D5/1, 2, D5/3, 5, 7, 8, 15, 19, 20, 23, 39, 46, 47, 49, D5/50, 54, 56, 58, 59, 60, 62, 99; D2/749, D2/994; D6/582, 583, 595, 596; 273/241, 273/260, 261; D25/142, 152, 113, 121, 138, D25/157, 163; D21/335, 336; 162/109, 162/134, 140, 231; D32/57; 383/4; 257/48; 429/425; 52/506.06

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D61,587 S	10/1922	Lord	
1,611,403 A *	12/1926	Bales	383/4
1,877,154 A *	9/1932	Weaver	273/241
D88,490 S	11/1932	Singer	
D90,914 S	10/1933	Juestrich	
D128,956 S *	8/1941	Cummings	D5/46
D239,245 S *	3/1976	Fletcher	D32/57
4,931,126 A	6/1990	McCarville et al.	

D348,908 S *	7/1994	Seiler	D21/336
D389,589 S *	1/1998	Artajona-Baena	D25/113
6,079,177 A *	6/2000	Halchuck	52/506.06
D452,779 S	1/2002	Jacobs	
6,412,778 B1 *	7/2002	Alaimo	273/261
D477,092 S *	7/2003	Crawley et al.	D25/160
D478,218 S *	8/2003	Liang	D5/58
D518,648 S	4/2006	Broering et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

EP 1 627 719 2/2006

(Continued)

OTHER PUBLICATIONS

http://en.trade2cn.com/detail/product?product_Id=28761723(From Google Search of Nylon Taslon Rip-Stop Wich Pu Coating Fabric); 128 Rip Stop Spruce, 41026-8.

(Continued)

Primary Examiner — Susan Bennett Hattan

Assistant Examiner — Barbara B Lohr

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

(57) **CLAIM**

The ornamental design for a “film sheet for use in antiballistic articles,” as shown and described.

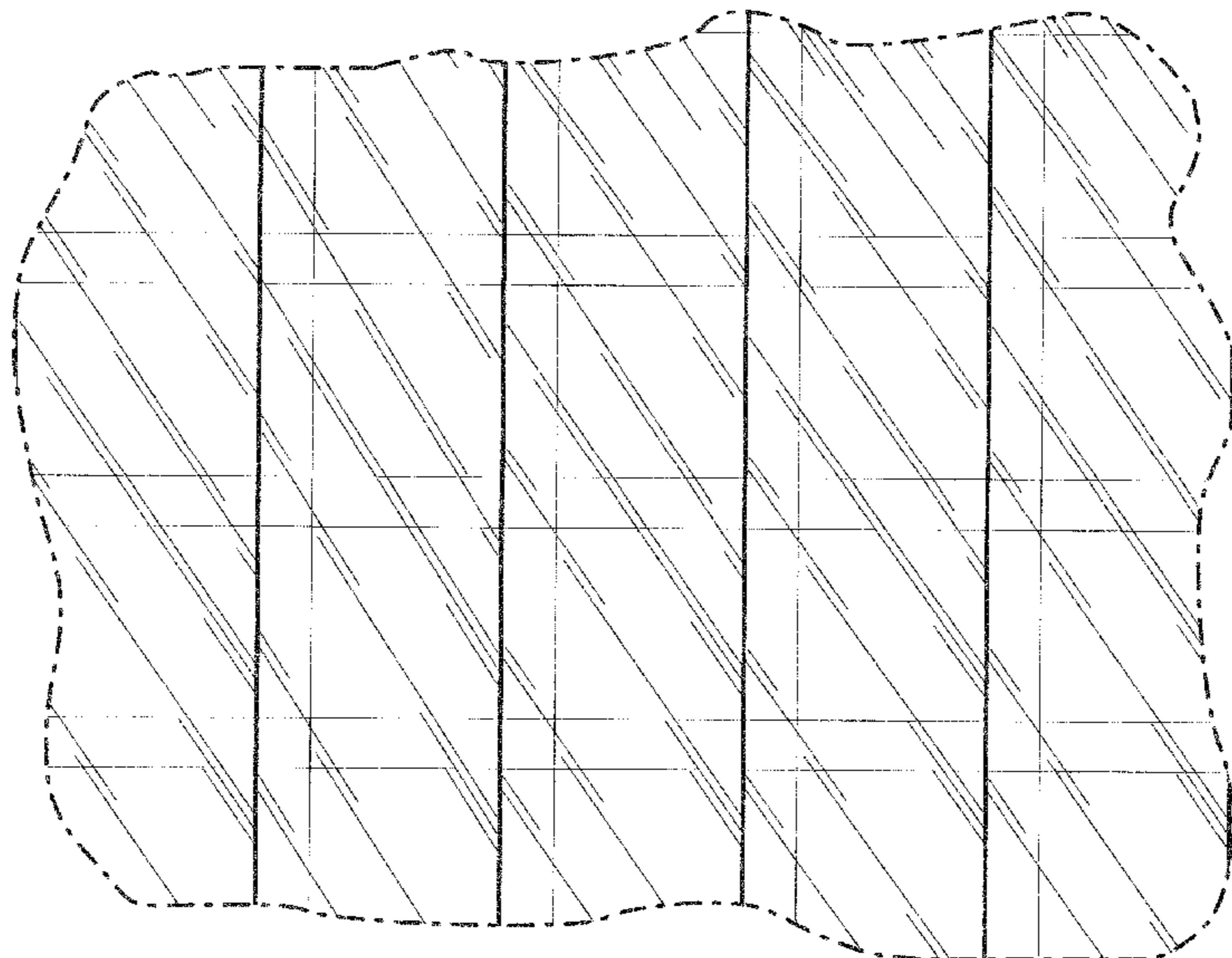
DESCRIPTION

FIGS. 1 and 2 are top and bottom plan views, respectively, of a film sheet for use in antiballistic articles which embodies our new and original design therefore, the side views thereof being unornamented; and,

FIGS. 3 and 4 are top and bottom perspective views, respectively, of the design depicted in FIGS. 1 and 2.

The broken lines in the drawing represent the bounds of the claimed design and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



US D637,408 S

Page 2

U.S. PATENT DOCUMENTS

7,021,628 B2 * 4/2006 Reynolds 273/260
7,161,175 B2 * 1/2007 Shau 257/48
D549,967 S 9/2007 Wing
D552,689 S * 10/2007 Hauls, Jr. D21/335
D555,407 S 11/2007 Lan
D570,502 S * 6/2008 Silvestrin D25/138
7,507,489 B2 * 3/2009 Toriyama 429/425
7,546,715 B2 6/2009 Roen
7,547,112 B2 6/2009 Kim
D597,224 S * 7/2009 Ziliotto D25/163
D601,375 S 10/2009 Venugopal
2004/0092183 A1 5/2004 Geva et al.
2008/0127531 A1 6/2008 Stanek et al.
2009/0311466 A1 12/2009 Marissen et al.

FOREIGN PATENT DOCUMENTS

WO WO 00/48821 8/2000
WO WO 2007/122009 11/2007

OTHER PUBLICATIONS

[http://images.google.com/imgres?imgurl=http://www.vivavi.com/catalog/images/ShortChairWeb2.jpg&imgrefurl=http://buyonlynatural.com/Furniture\(From Google Search of Woven Natural Fiber Furniture\); Buyonlynatural.com, Arbor Chair.](http://images.google.com/imgres?imgurl=http://www.vivavi.com/catalog/images/ShortChairWeb2.jpg&imgrefurl=http://buyonlynatural.com/Furniture(From%20Google%20Search%20of%20Woven%20Natural%20Fiber%20Furniture);Buyonlynatural.com,Arbor%20Chair)
[http://yawlamy.manufacturer.globalsources.com/si/608800028162/LargeImage/210D-Diamond-Rip/product_id-1000743786.](http://yawlamy.manufacturer.globalsources.com/si/608800028162/LargeImage/210D-Diamond-Rip/product_id-1000743786)

* cited by examiner

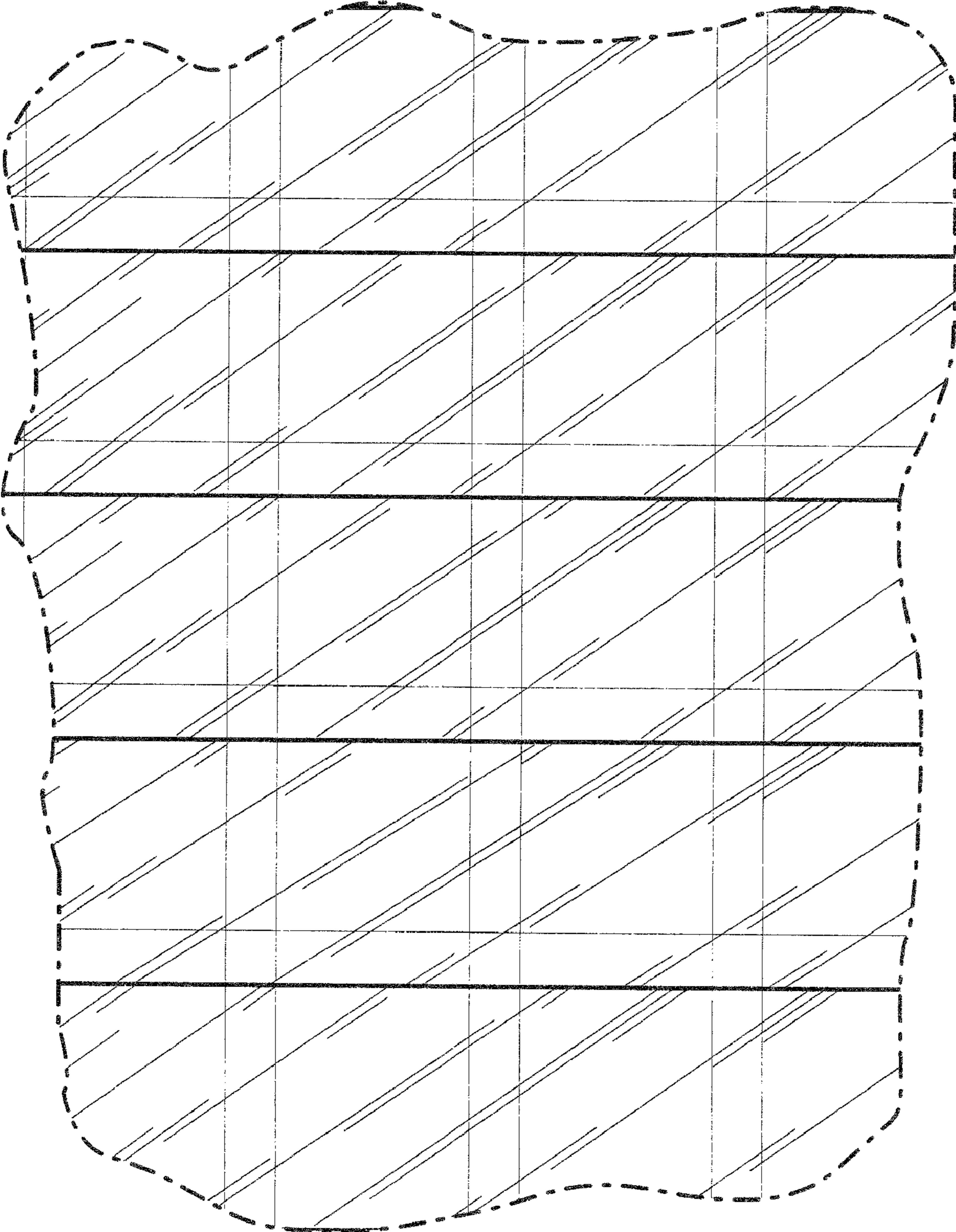


FIG. 1

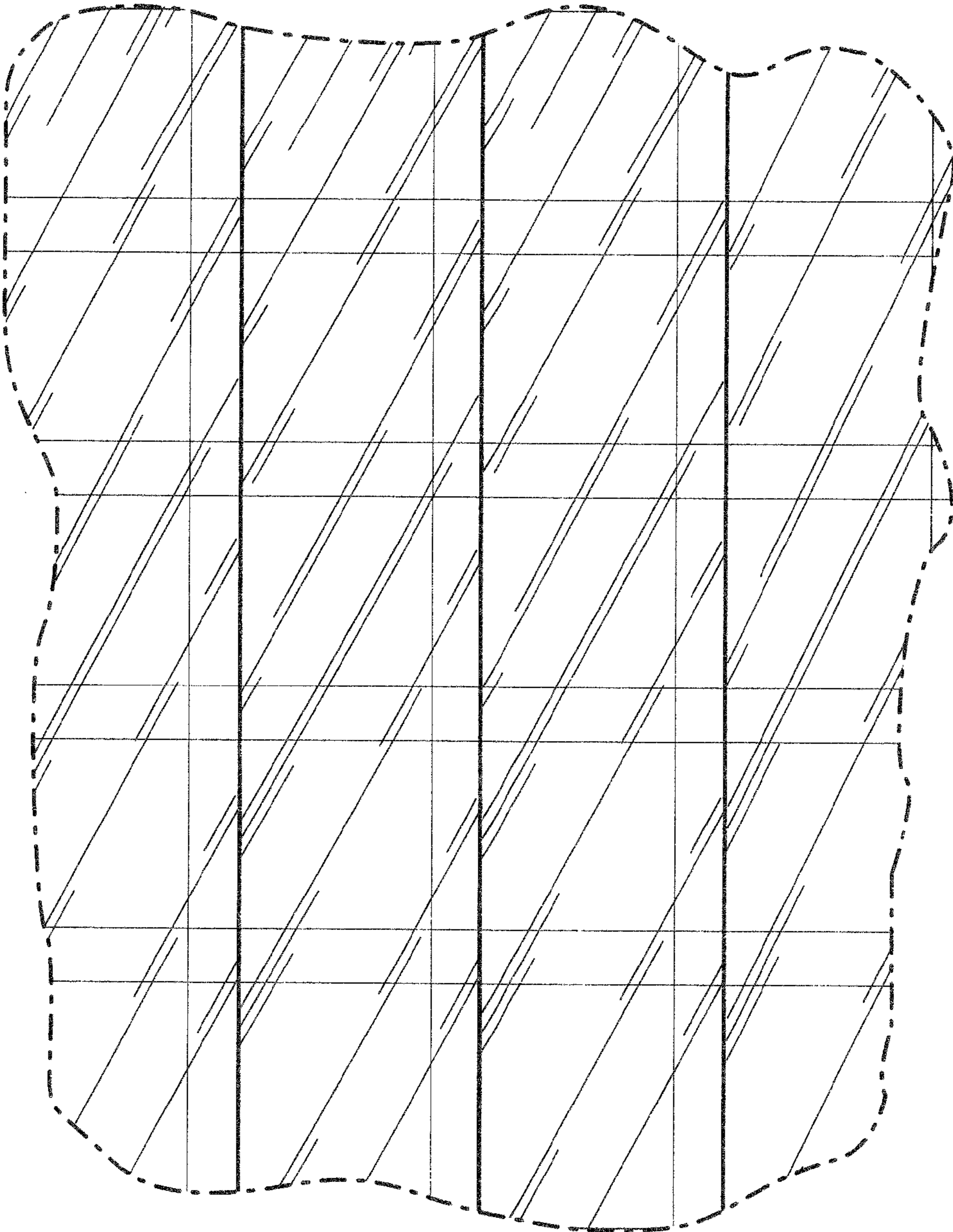


FIG. 2

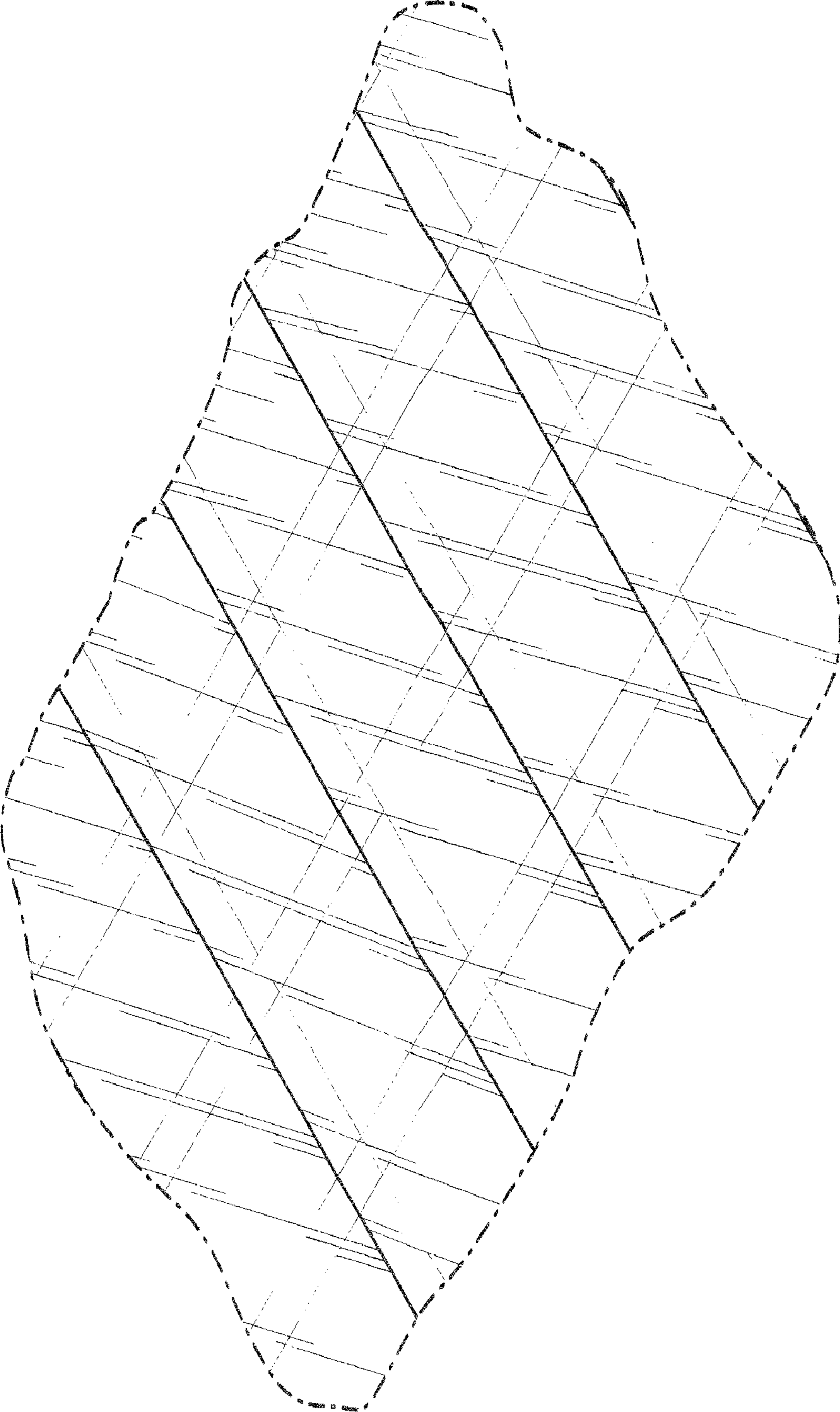


FIG. 3

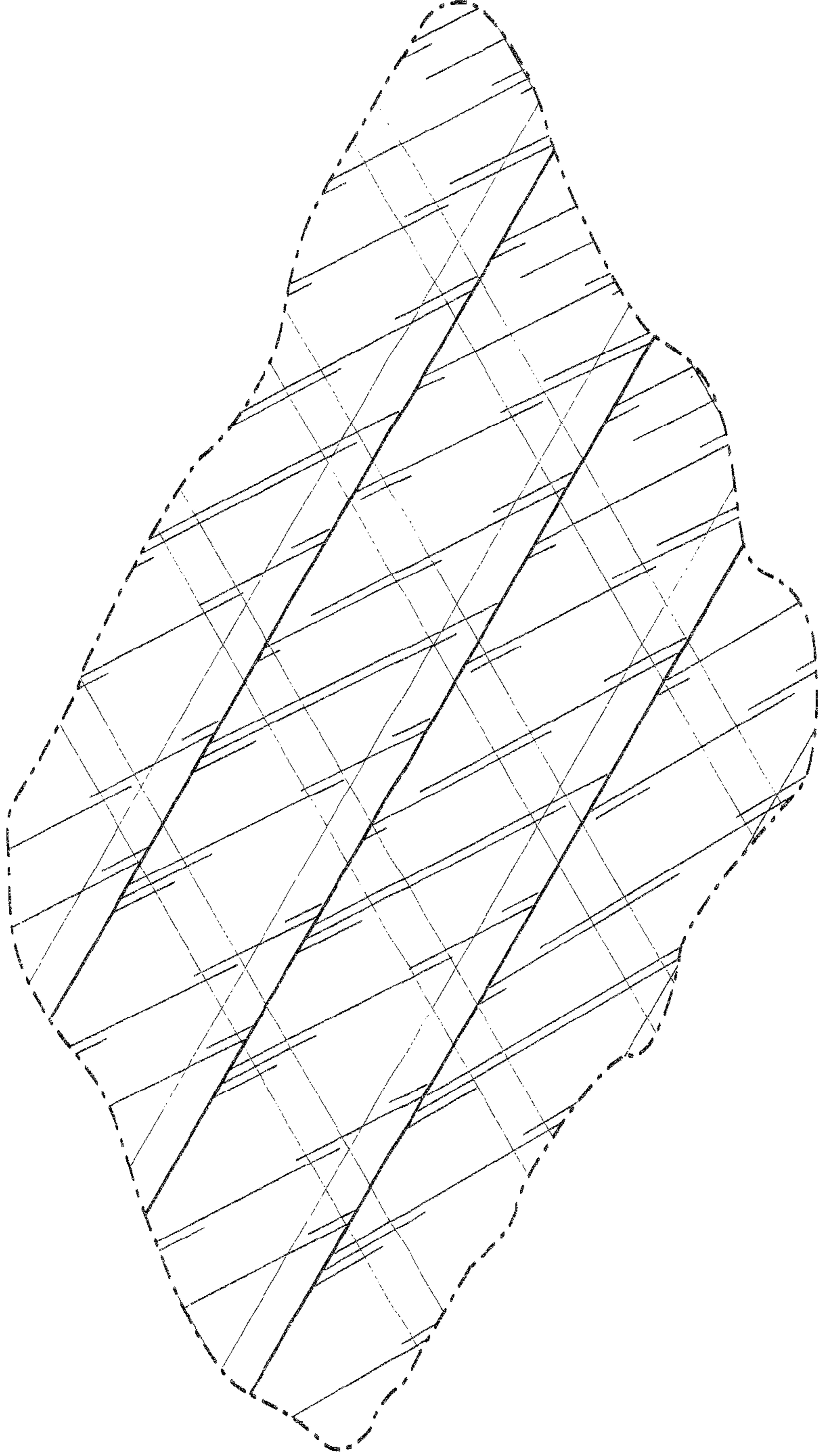


FIG. 4