



US00D834838S

(12) **United States Design Patent** (10) **Patent No.:** **US D834,838 S**
Roldan-Posada et al. (45) **Date of Patent:** **** Dec. 4, 2018**

(54) **NON-WOVEN MATERIAL**

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

(21) Appl. No.: **29/620,655**

(22) Filed: **Apr. 7, 2017**

(51) **LOC (11) Cl.** **05-03**

(52) **U.S. Cl.**
USPC **D5/53**

(58) **Field of Classification Search**
USPC D5/1, 2, 3, 4, 7, 11, 12, 19, 23, 25, 39,
D5/43, 46, 47, 48, 50, 51, 53, 54, 55, 56,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D102,723 S * 1/1937 Michaels D5/7
D102,821 S * 1/1937 Forstmann D5/47
(Continued)

FOREIGN PATENT DOCUMENTS

CN 205573182 9/2016
EP 1050613 11/2000
(Continued)

OTHER PUBLICATIONS

Bewima, Bewima non-woven fabrics dated Feb. 1, 2017, http://www.bewima.be/en/non-woven_doeken.htm.

(Continued)

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(57) **CLAIM**

The ornamental design for a non-woven material, as shown and described.

DESCRIPTION

The present application contains at least one drawing executed in color. Copies of this patent or patent application with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a top perspective view of a non-woven material showing a first embodiment of our new design;

FIG. 2 is a top plan view of the non-woven material shown in FIG. 1;

FIG. 3 is a bottom plan view of the non-woven material shown in FIG. 1;

FIG. 4 is a front edge view of the non-woven material shown in FIG. 1;

FIG. 5 is a rear edge view of the non-woven material shown in FIG. 1;

FIG. 6 is a left edge view of the non-woven material shown in FIG. 1;

FIG. 7 is a right edge view of the non-woven material shown in FIG. 1;

FIG. 8 is a top perspective view of a non-woven material showing a second embodiment of our new design;

FIG. 9 is a top plan view of the non-woven material shown in FIG. 8;

FIG. 10 is a bottom plan view of the non-woven material shown in FIG. 8;

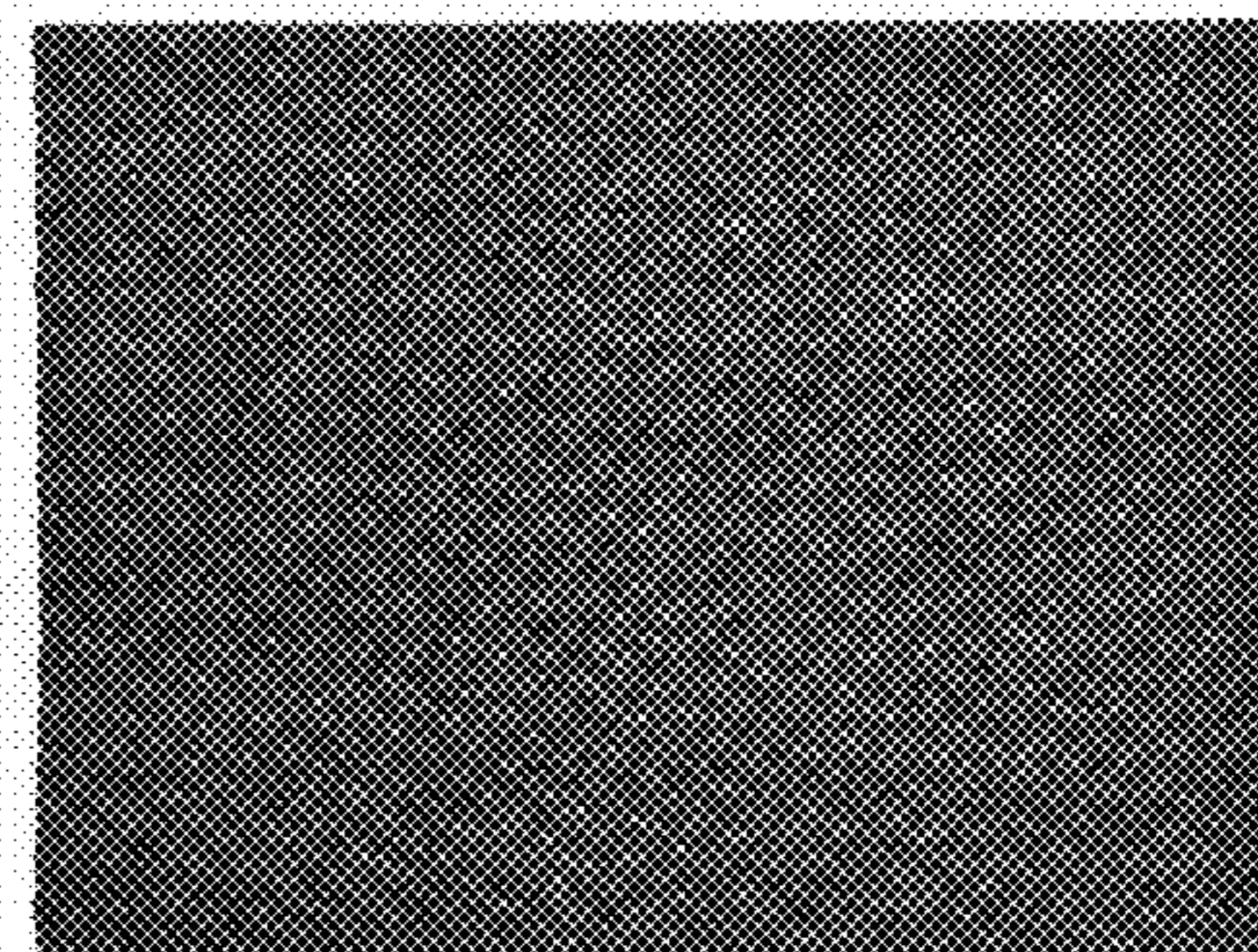
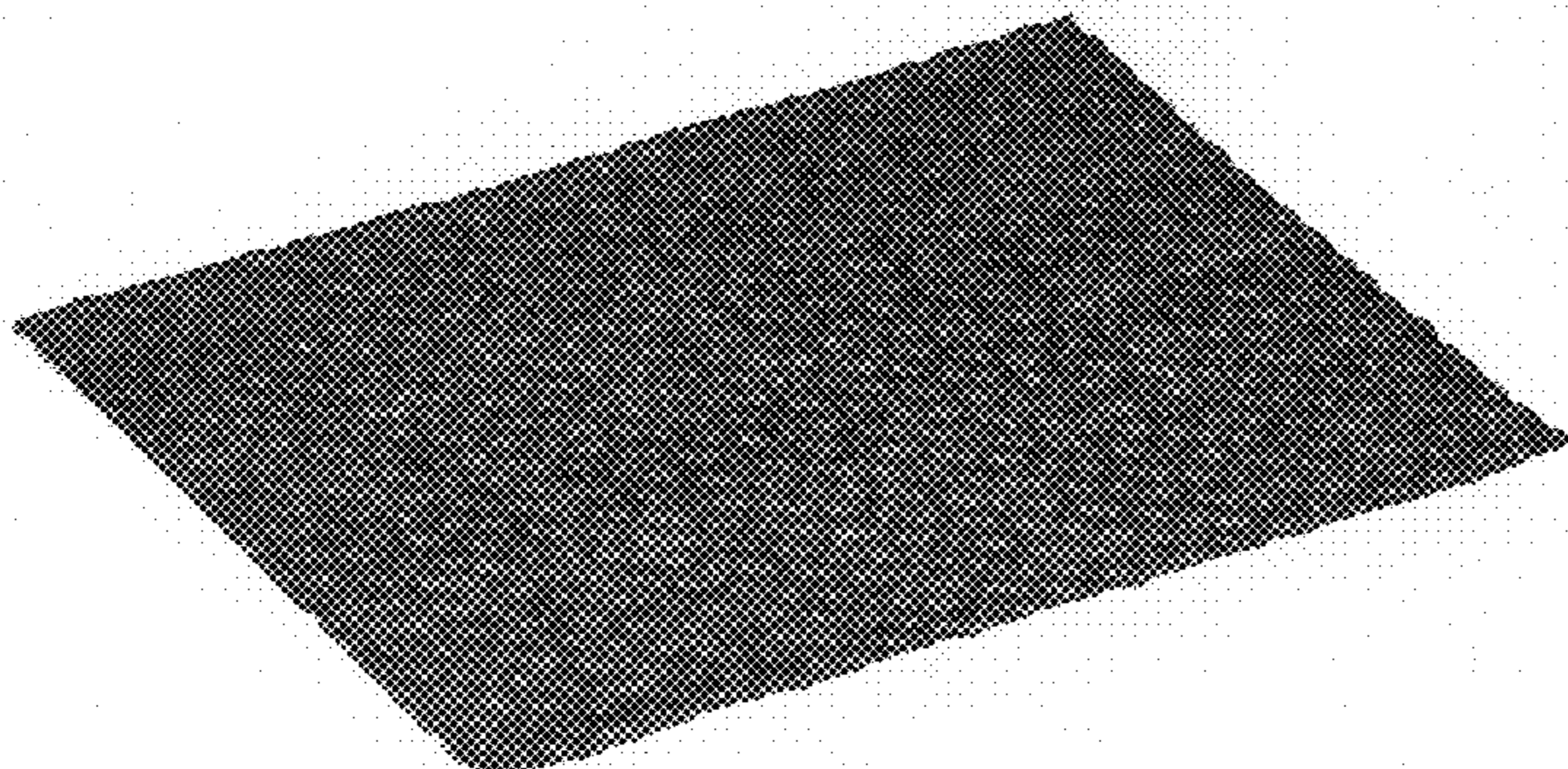
FIG. 11 is a front edge view of the non-woven material shown in FIG. 8;

FIG. 12 is a rear edge view of the non-woven material shown in FIG. 8;

FIG. 13 is a left edge view of the non-woven material shown in FIG. 8; and,

FIG. 14 is a right edge view of the non-woven material shown in FIG. 8.

(Continued)



The non-woven material in FIGS. 8-14 is shown with a symbolic break in its length and width. The appearance of any portion of the article between the break lines forms no part of the claimed design.

**1 Claim, 6 Drawing Sheets
(6 of 6 Drawing Sheet(s) Filed in Color)**

(58) Field of Classification Search

USPC D5/57, 58, 59, 60, 61, 49; D6/585, 612, D6/613, 617, 622, 596, 601, 602, 603, D6/608, 611, 616, 582, 583, 588; D19/1, D19/5; D25/138, 157, 158, 160; 15/208; 28/143, 150, 160, 163; 112/401, 416, 112/439; 428/32, 66.5, 85, 91; 442/408, 442/134, 135; D24/125; 51/293, 297, 51/307, 309
CPC F41H 3/02; A47L 13/16; D03D 15/0033; D06C 23/00; D05C 17/00; B44C 5/0469; A47G 23/03; A47G 23/0303; D21H 19/66; B31F 1/07

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D125,362 S * 2/1941 Zavell D5/59
D125,867 S * 3/1941 Roth D5/62
D133,264 S * 8/1942 Perkins D5/61
D180,324 S * 5/1957 Foster et al. D5/47
D182,817 S * 5/1958 Howell et al. D5/53
D287,195 S * 12/1986 Billgren D24/189
D291,845 S * 9/1987 Lamborghini D12/580
D410,051 S * 5/1999 Sassak D21/698
D429,939 S * 8/2000 Denney D6/582
D454,433 S * 3/2002 Peter D5/53
6,378,179 B1 4/2002 Hirsch
D506,071 S * 6/2005 Delaney D5/53
D526,128 S * 8/2006 Delaney D5/53
D555,911 S * 11/2007 Simoni D5/58
D581,170 S * 11/2008 Delaney D5/53
D590,158 S * 4/2009 Rushworth D5/59
D647,704 S * 11/2011 Missoni D5/47
D653,844 S * 2/2012 Smith D2/951

D667,642 S * 9/2012 Jobert D5/60
8,282,777 B2 10/2012 Bouplon
D672,152 S * 12/2012 Shanbhag D5/47
8,916,025 B2 12/2014 Ballas
D727,983 S * 4/2015 Lee D15/89
9,090,288 B2 * 7/2015 Takahashi B21D 13/10
9,096,045 B2 8/2015 Dodge, III
2005/0070192 A1 3/2005 Lorenzotti et al.
2005/0113277 A1 5/2005 Sherry
2008/0003913 A1 1/2008 Vinson
2009/0041978 A1 * 2/2009 Sogard A61F 2/2412
428/137
2010/0279085 A1 11/2010 Adam
2011/0057346 A1 3/2011 Nunn
2011/0094691 A1 4/2011 Nunn
2013/0005209 A1 1/2013 Andersen
2015/0143647 A1 5/2015 Yang et al.
2015/0337486 A1 11/2015 Lee

FOREIGN PATENT DOCUMENTS

GB 2519509 4/2015
TW 200951264 12/2009
WO WO 2012/038737 3/2012

OTHER PUBLICATIONS

Alibaba.com, Shanghai Guizhi International Company, Disposable Household Cleaning Wipes perforated rolls wave printed spunlace, dated Feb. 1, 2017, https://gz188.en.alibaba.com/product/60355510372-801928405/disposable_household_cleaning_wipes_perforated_rolls_wave_printed_spunlace.htm.
Tork Australasia, Ferret, Tork Heavy Duty Cleaning Cloths, <http://www.ferret.com/au/c/Tork-Australasia/Tork-Heavy-Duty-Cleaning-Cloths-p2513558>, dated Feb. 1, 2017.
Shangai Guizhi International Co., Ltd, 50% VIS 50% Industrial Wipes Pet Spunlace Non Woven Fabric Roll Rayon Nonwoven dated Feb. 1, 2017, , <http://www.spunlacenonwovenfabric.com/sale-4269097-50-vis-50-industrial-wipes-pet-spunlace-non-woven-fabric-roll-rayon-nonwoven.htm>.
Suzhou Swan-Lake Felt Co., Ltd, 100% Polyester Needle Punched Felt Non-Woven Fabric Raw Material for Cleaning Cloth, <http://www.industrialfeltfabric.com/sale-9094843-100-polyester-needle-punched-felt-non-woven-fabric-raw-material-for-cleaning-cloth.html>, dated Feb. 1, 2017.
Steve Katz, dated Feb. 29, 2012, Nonwovens Industry,magazine article, Wipes With Recycled Fibers,http://www.nonwovens-industry.com/issues/2011-09-15/view_features/wipes-with-recycled-fibers.

* cited by examiner

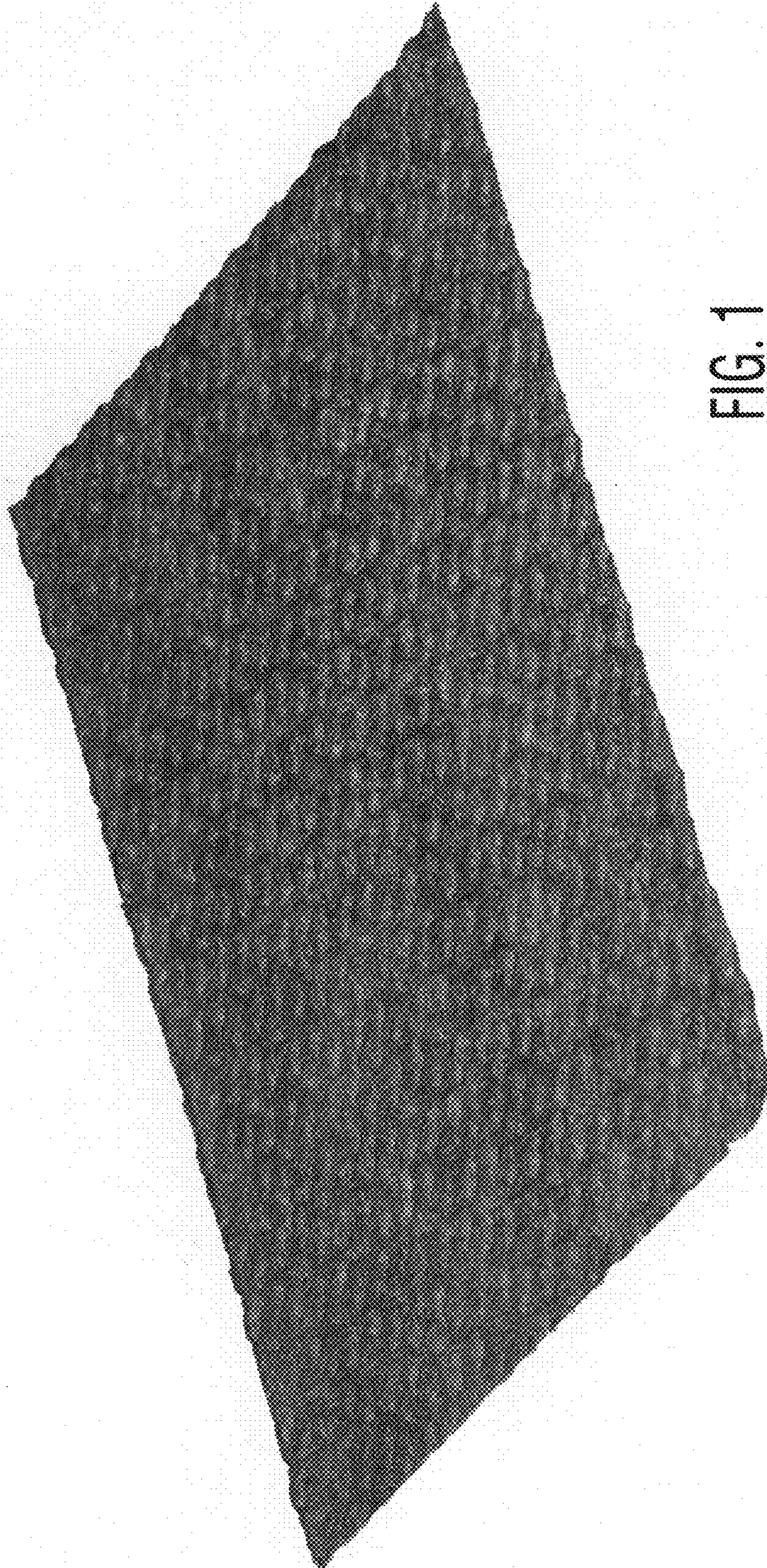


FIG. 1

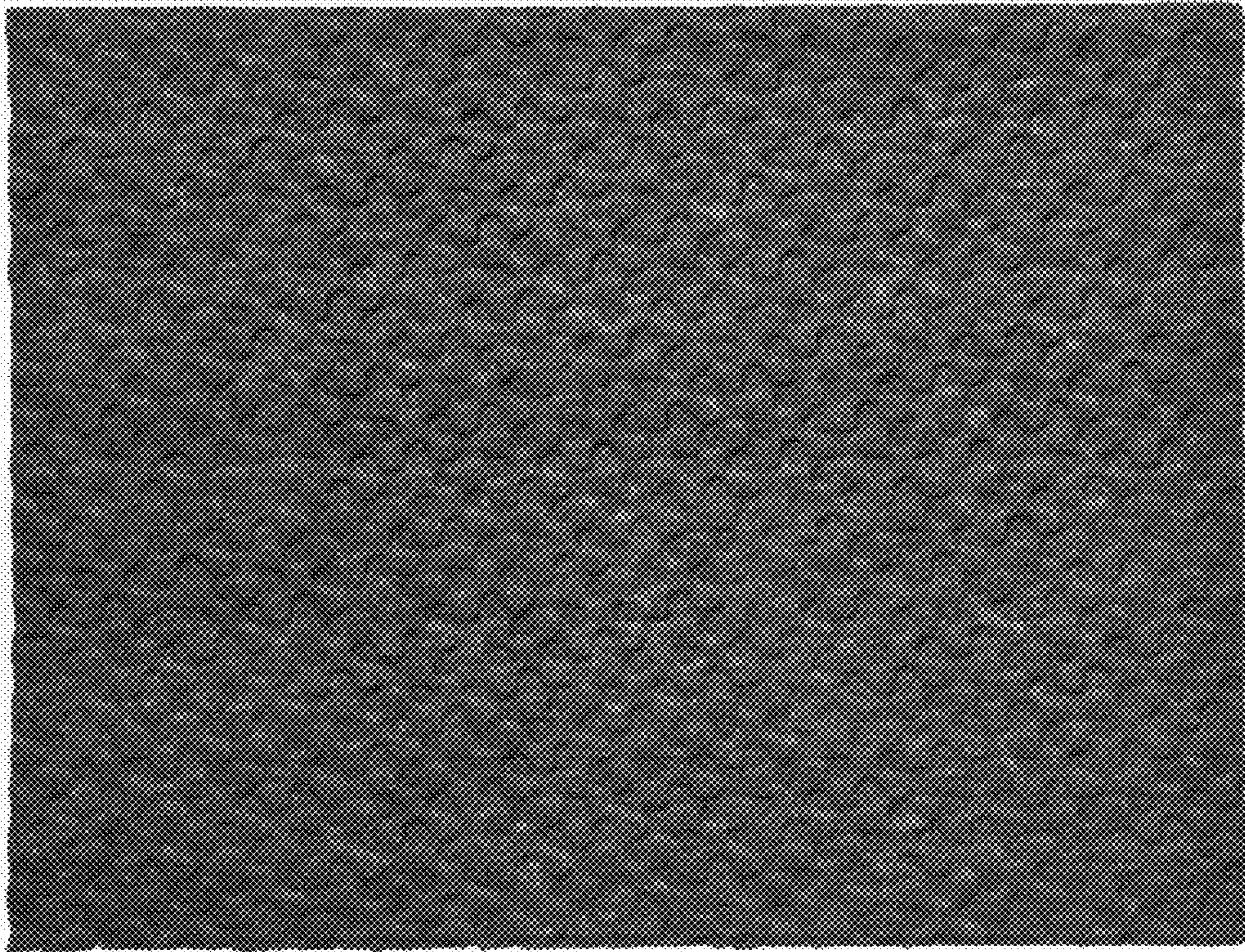


FIG. 2

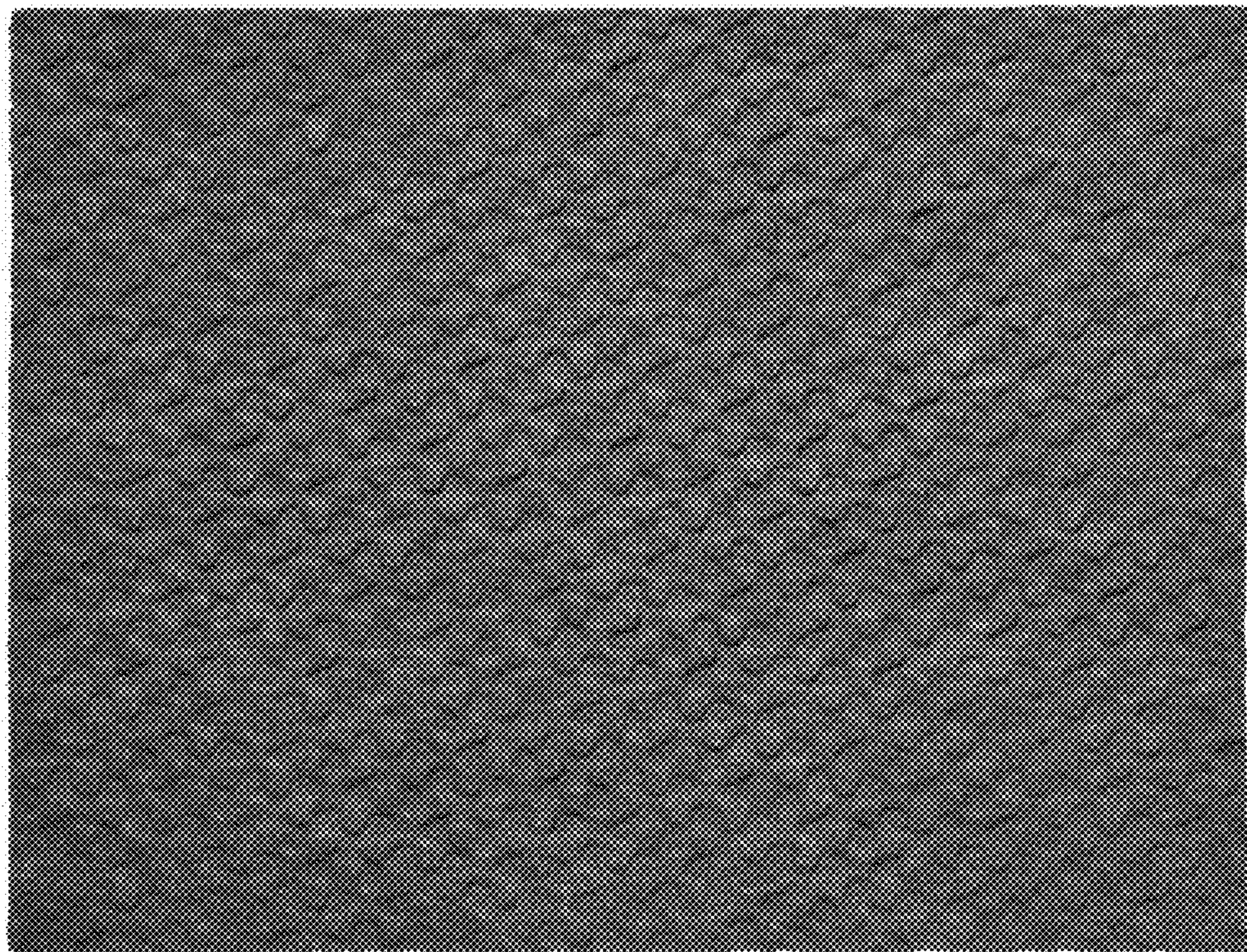


FIG. 3



FIG. 4



FIG. 5



FIG. 6



FIG. 7

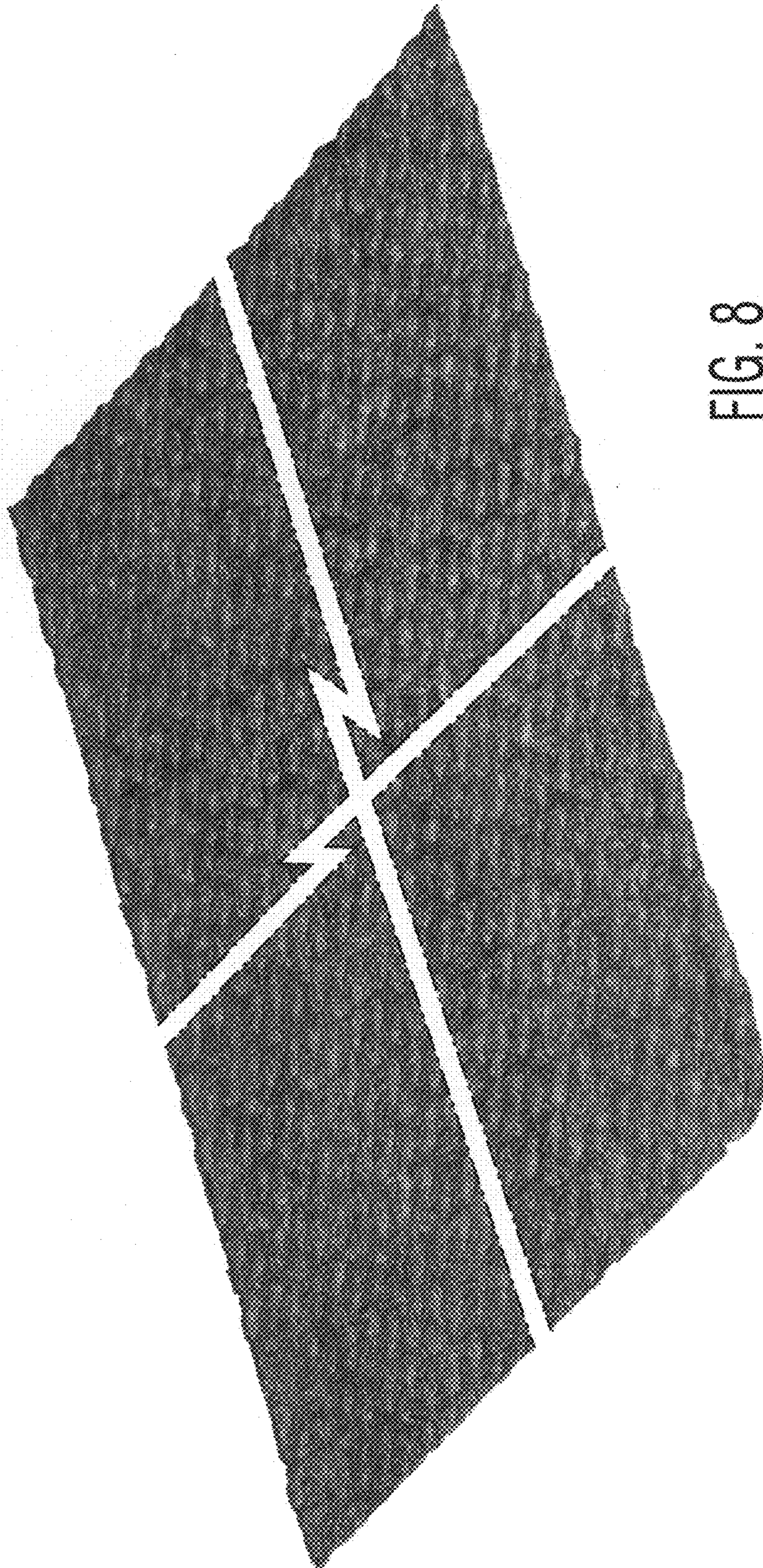


FIG. 8

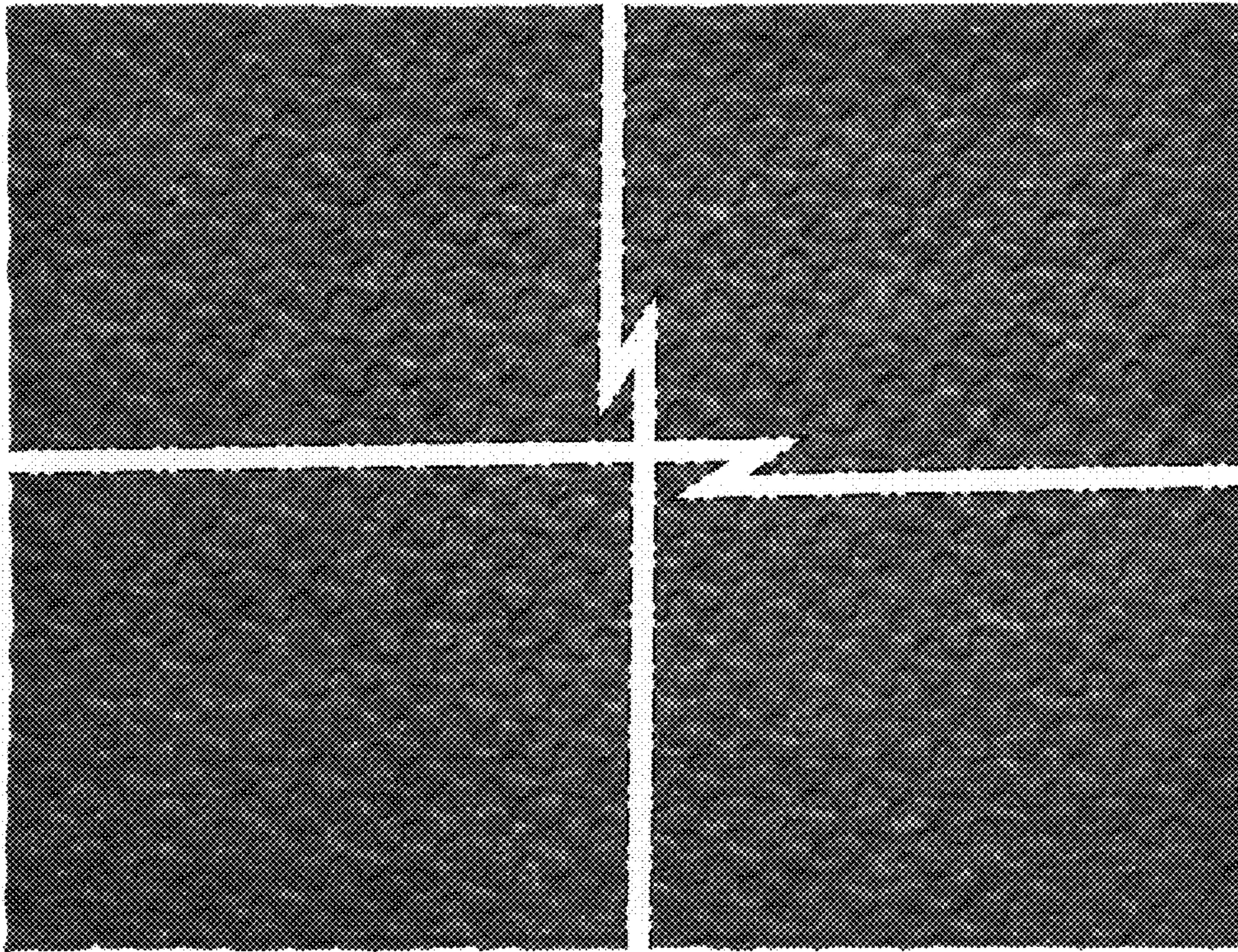


FIG. 9

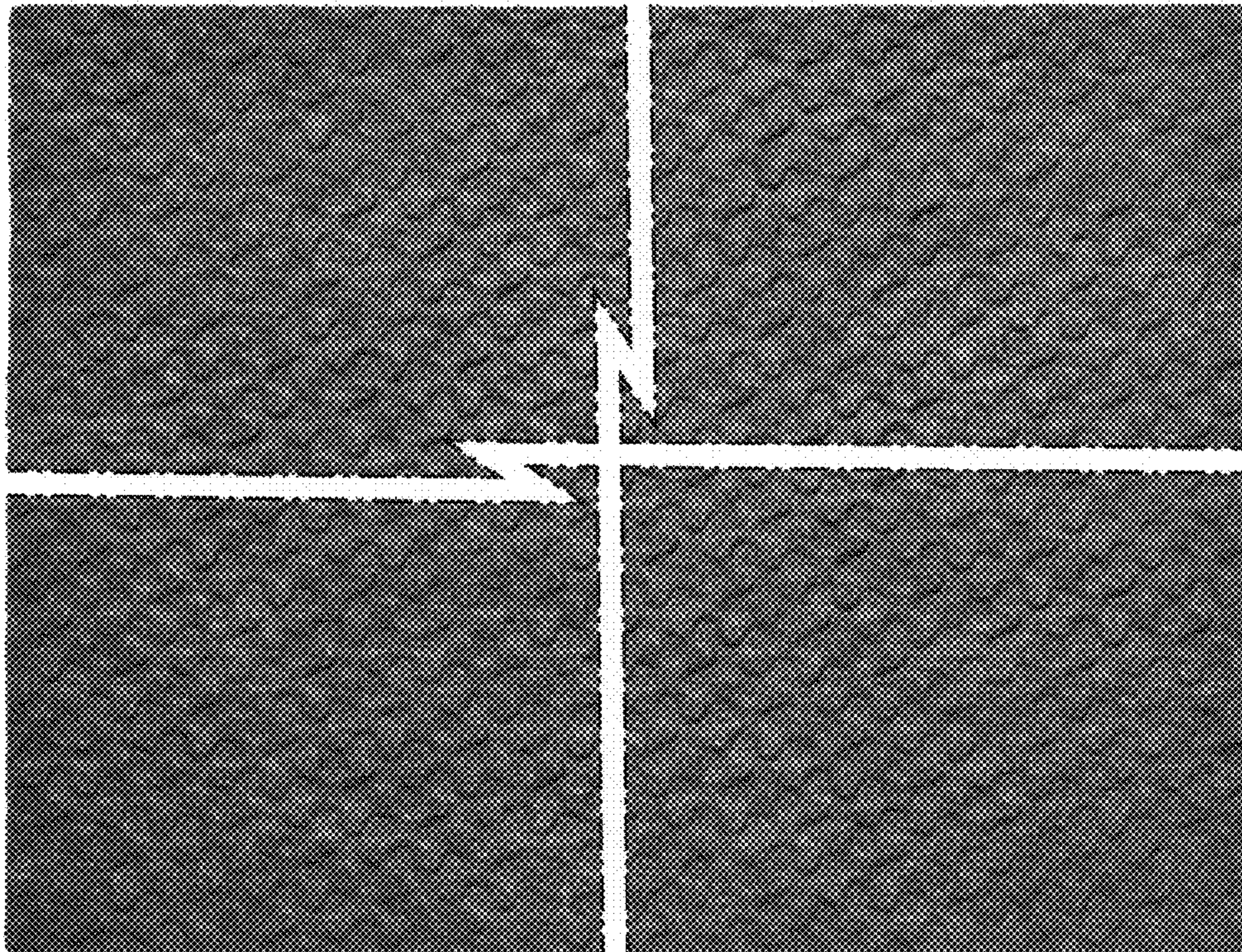


FIG. 10



FIG. 11



FIG. 12



FIG. 13



FIG. 14