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(12) **United States Design Patent** (10) **Patent No.:** **US D850,160 S**
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(54) **TWO-LAYER MATTRESS SPRING UNIT**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **06-09**

(52) **U.S. Cl.**
USPC **D6/606**

(58) **Field of Classification Search**

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5/413 AM, 420, 690, 691, 697–701, 706,
5/716–718, 722, 737, 740

CPC A47C 23/00; A47C 27/00; A47C 27/001;
A47C 27/05; A47C 27/053; A47C
27/056; A47C 27/06; A47C 27/14; A47C
27/142

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

149,350 A * 4/1874 Smith A47C 27/001
5/722
2,541,468 A * 2/1951 Ebert A47C 27/001
267/94
3,230,558 A * 1/1966 Duncan A47C 27/064
5/720
6,256,820 B1 * 7/2001 Moser A47C 27/062
267/166
D527,565 S * 9/2006 Contreras D6/606
D831,382 S * 10/2018 Huang D6/596

2002/0029424 A1 * 3/2002 Balsavich A47C 23/04
5/720

2010/0090383 A1 4/2010 Rawls-Meehan

2010/0139006 A1 6/2010 Kilic

2012/0246833 A1 * 10/2012 Kluft A47C 23/30
5/717

2015/0101127 A1 * 4/2015 Winton A47C 27/063
5/720

2015/0121625 A1 * 5/2015 Myers A47C 21/00
5/636

2016/0045034 A1 * 2/2016 Hager A47C 27/064
5/720

2016/0073789 A1 * 3/2016 Hyltenfeldt A47C 27/061
5/720

2016/0166076 A1 * 6/2016 Mossbeck A47C 27/064
5/720

FOREIGN PATENT DOCUMENTS

WO 2016148661 A1 9/2016

* cited by examiner

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(57) **CLAIM**

The ornamental design for a two-layer mattress spring unit,
as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the two-layer mattress spring unit, the shading illustrating contrasting tones between an upper layer and a lower layer of the two-layer mattress spring unit;

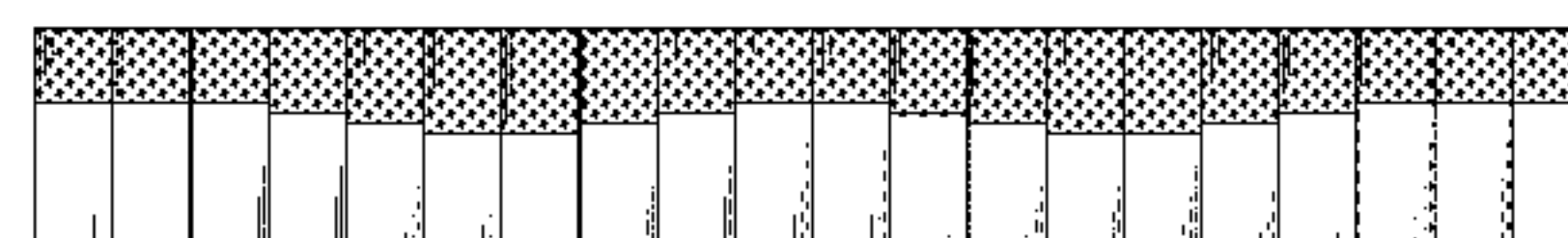
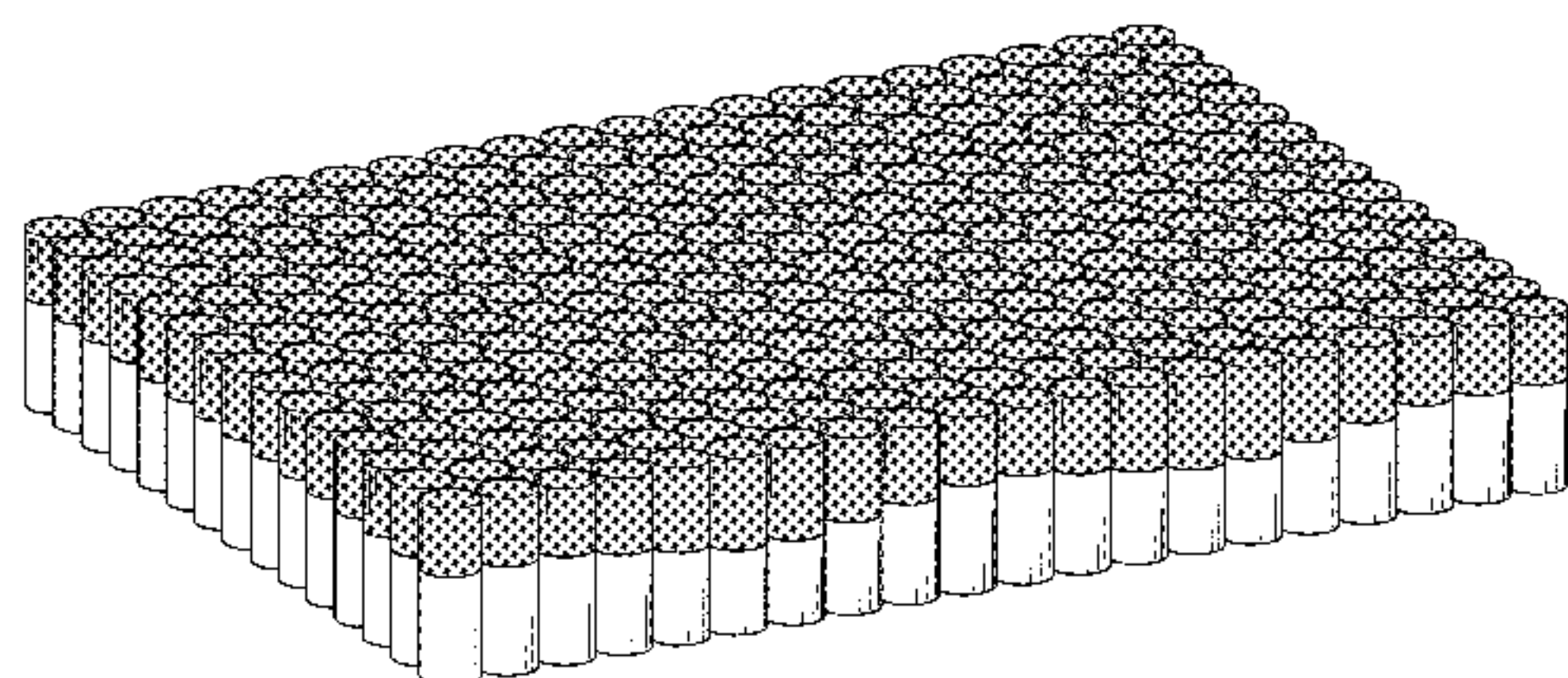
FIG. 2 is a right side view thereof, the left side view being a mirror image of the right side view;

FIG. 3 is a front view thereof, the rear view being identical to the front view;

FIG. 4 is a top view thereof; and,

FIG. 5 is a bottom view thereof.

1 Claim, 4 Drawing Sheets



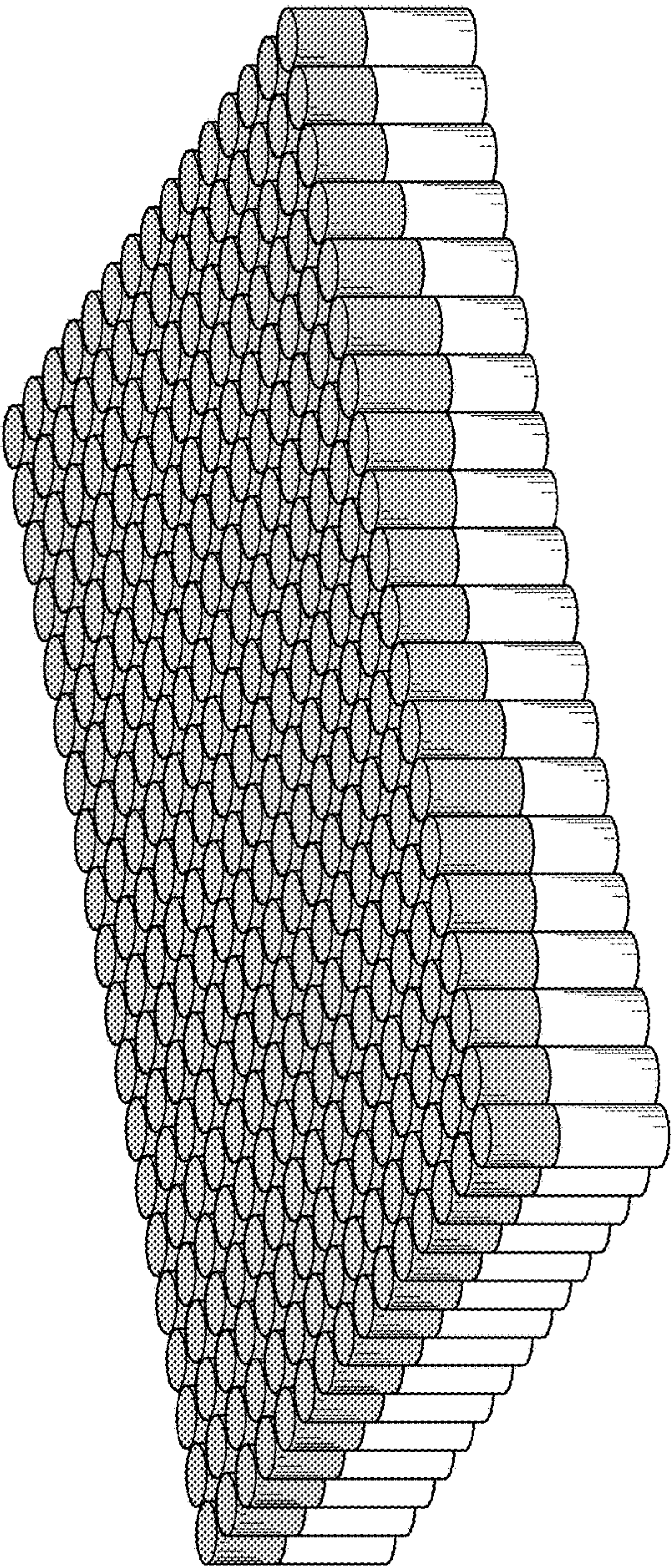


FIG. 1

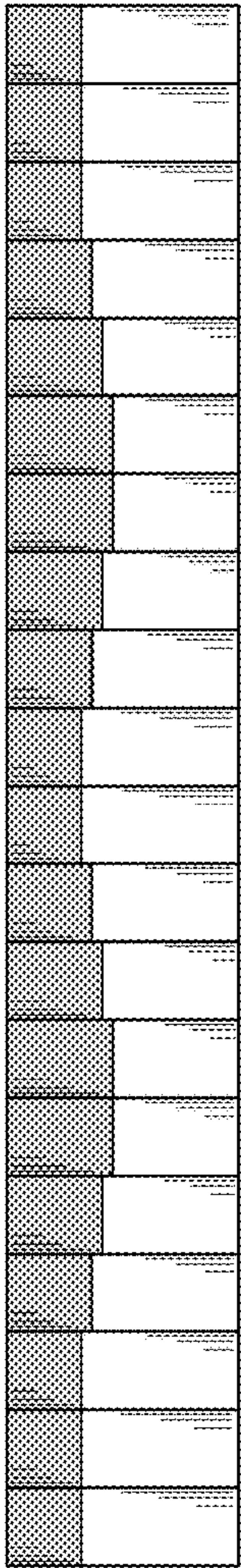


FIG. 2

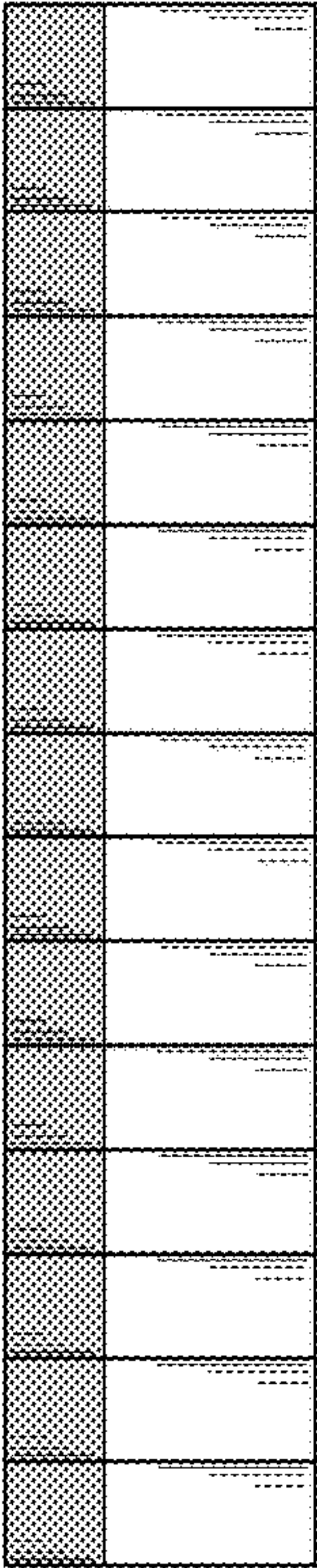


FIG. 3

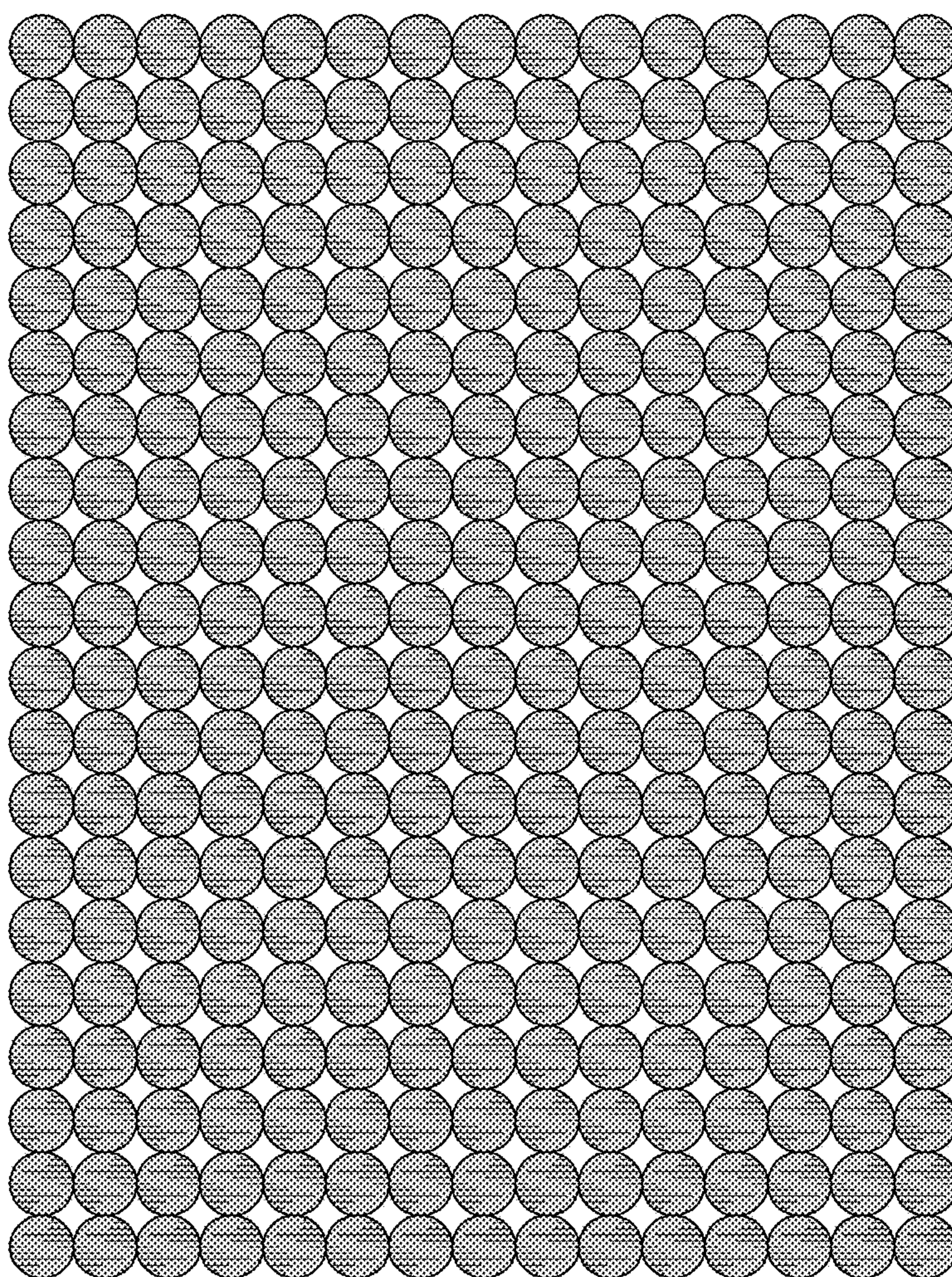


FIG. 4

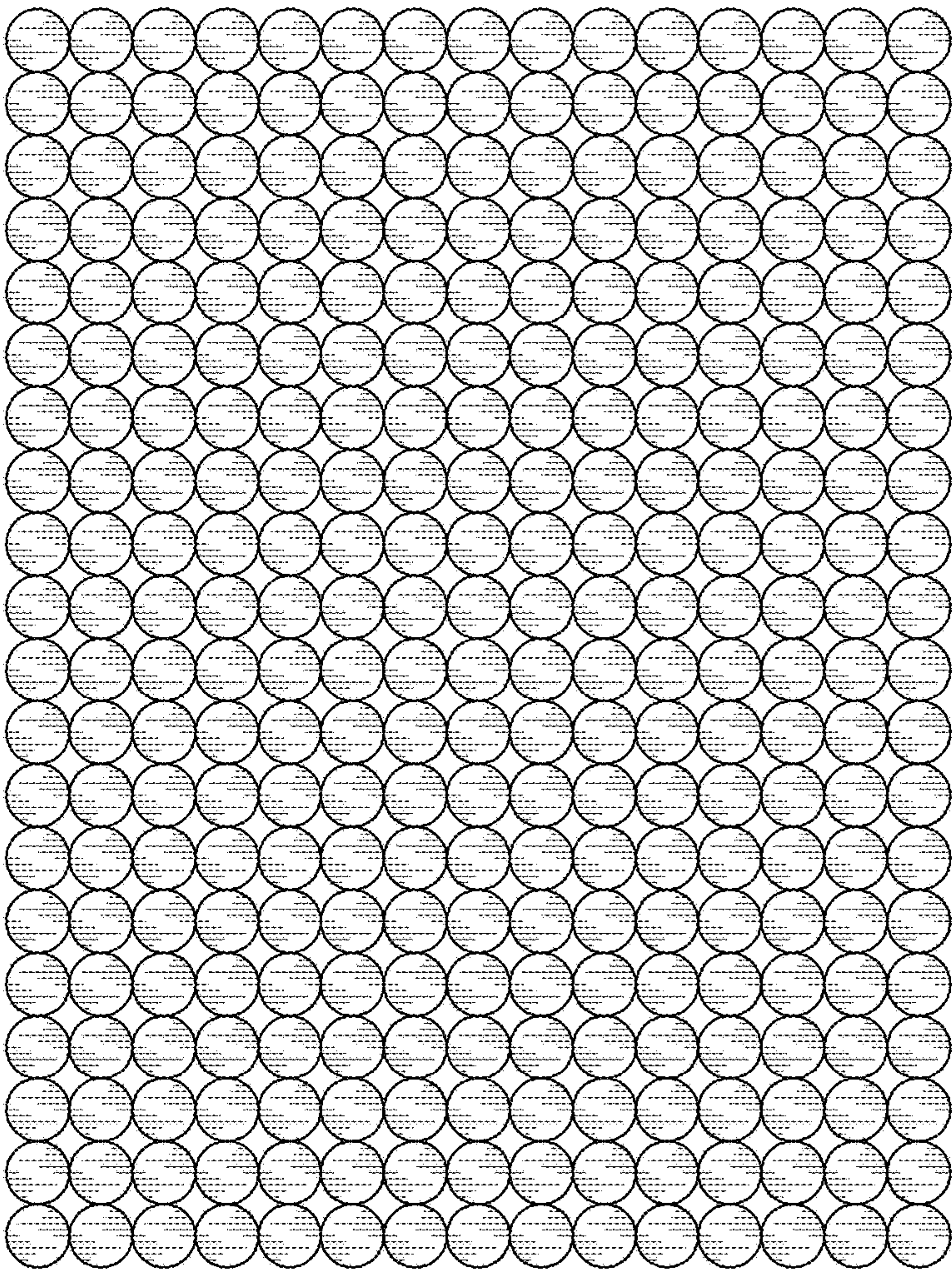


FIG. 5