



US00D778019S

(12) **United States Design Patent** (10) **Patent No.:** **US D778,019 S**
Cole et al. (45) **Date of Patent:** **** Jan. 31, 2017**

(54) **CLEANING ARTICLE**

(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)
(72) Inventors: **Matthew S. Cole**, Eagan, MN (US); **Matthew D. Chaffee**, White Bear Lake, MN (US); **Jessica L. Staude**, St. Paul, MN (US)
(73) Assignee: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)

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

(21) Appl. No.: **29/515,961**

(22) Filed: **Jan. 28, 2015**

(51) **LOC (10) Cl.** **08-99**

(52) **U.S. Cl.**
USPC **D32/35**

(58) **Field of Classification Search**
USPC D32/40, 35, 41-46; D5/7, 6, 56, 57, 53, D5/58, 59, 60, 61, 32, 37; D28/7, 63; 15/208, 209.1, 244.1, 244.3, 244.4, 216, 15/219, 227; D6/582
CPC A47L 13/00; A47L 13/10; A47L 13/12; A47L 13/16; A47L 13/17; A47L 13/18
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D472,056 S * 3/2003 Jahner D5/25
D528,306 S * 9/2006 Leisch D5/53
D572,020 S * 7/2008 Braunschweig D5/57
D674,639 S * 1/2013 Brown D6/582
D685,998 S * 7/2013 Robbins, III D5/47

(Continued)

FOREIGN PATENT DOCUMENTS

JP 1121746 9/2001
JP 2003-164404 6/2003

(Continued)

OTHER PUBLICATIONS

HC24011848, Jun. 11, 2012, Space Joy World Product Catalog.
HH14679179, Oct. 24, 2002, CD-ROM : 2002-40, 30-0305557.

Primary Examiner — Susan Bennett Hattan

Assistant Examiner — Rebecca Tsehaye

(74) *Attorney, Agent, or Firm* — Irina Hass

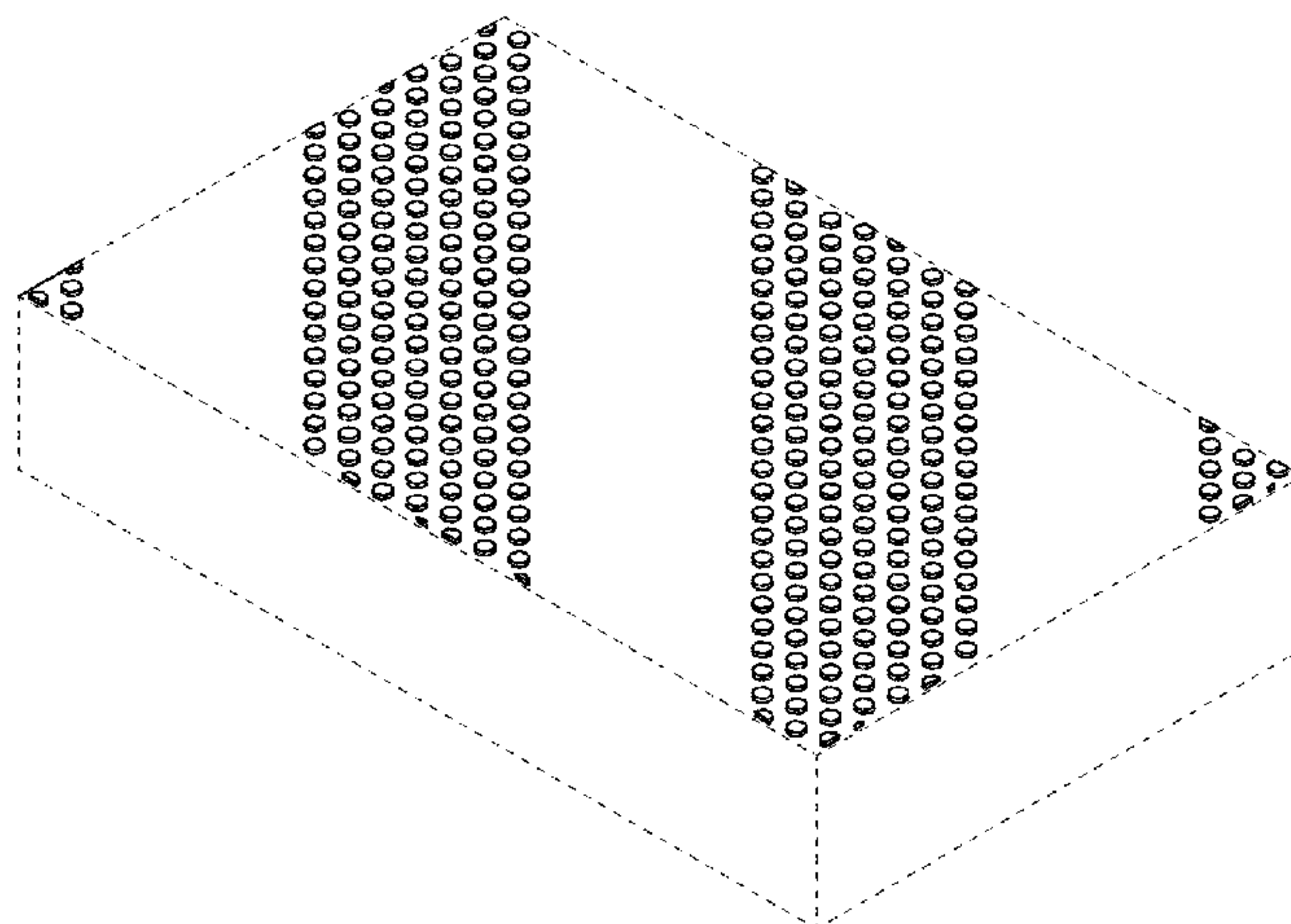
(57) **CLAIM**

The ornamental design for a cleaning article, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a cleaning article showing the new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a right side view thereof;
FIG. 8 is a perspective view of a second embodiment of a surface pattern for a cleaning article showing the new design with an enlargement boundary defined by dash-dot-dash lines;
FIG. 9 is a top view thereof with an enlargement boundary defined by dash-dot-dash lines;
FIG. 10 is a bottom view thereof;
FIG. 11 is a front view thereof;
FIG. 12 is a rear view thereof;
FIG. 13 is a left side view thereof; and,
FIG. 14 is a right side view thereof.
In the drawings, the dash-dot-dash lines represent boundaries of the claim. The portions of the cleaning article in FIGS. 1-14 shown in broken lines are included to show features that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D691,815 S * 10/2013 Haverfield D5/56
D691,816 S * 10/2013 Haverfield D5/56

FOREIGN PATENT DOCUMENTS

JP	1436652	3/2012
JP	1506380	9/2014
KR	30-0471575	12/2007
KR	30-0759298	10/2014
TW	D138412	1/2011

* cited by examiner

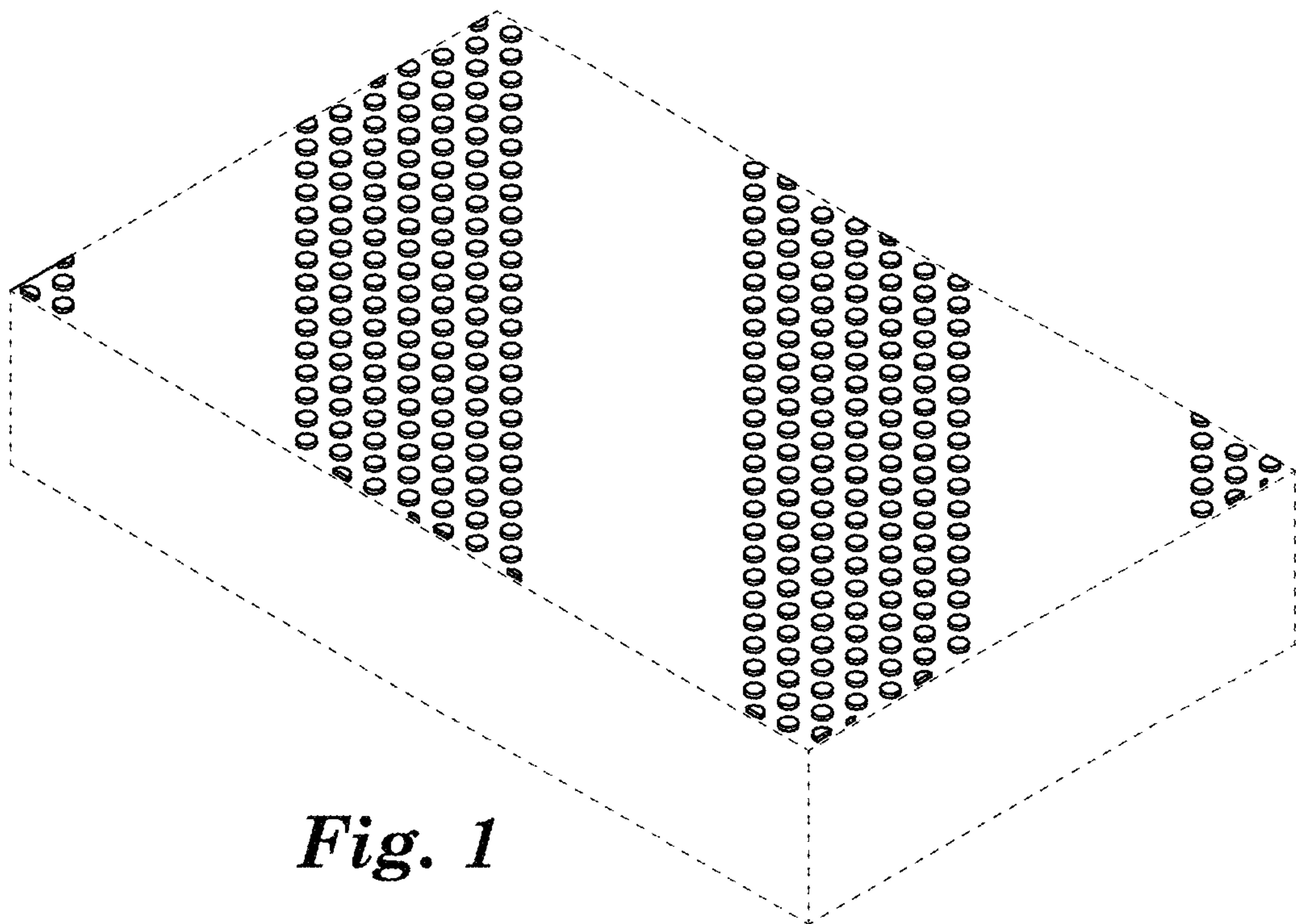


Fig. 1

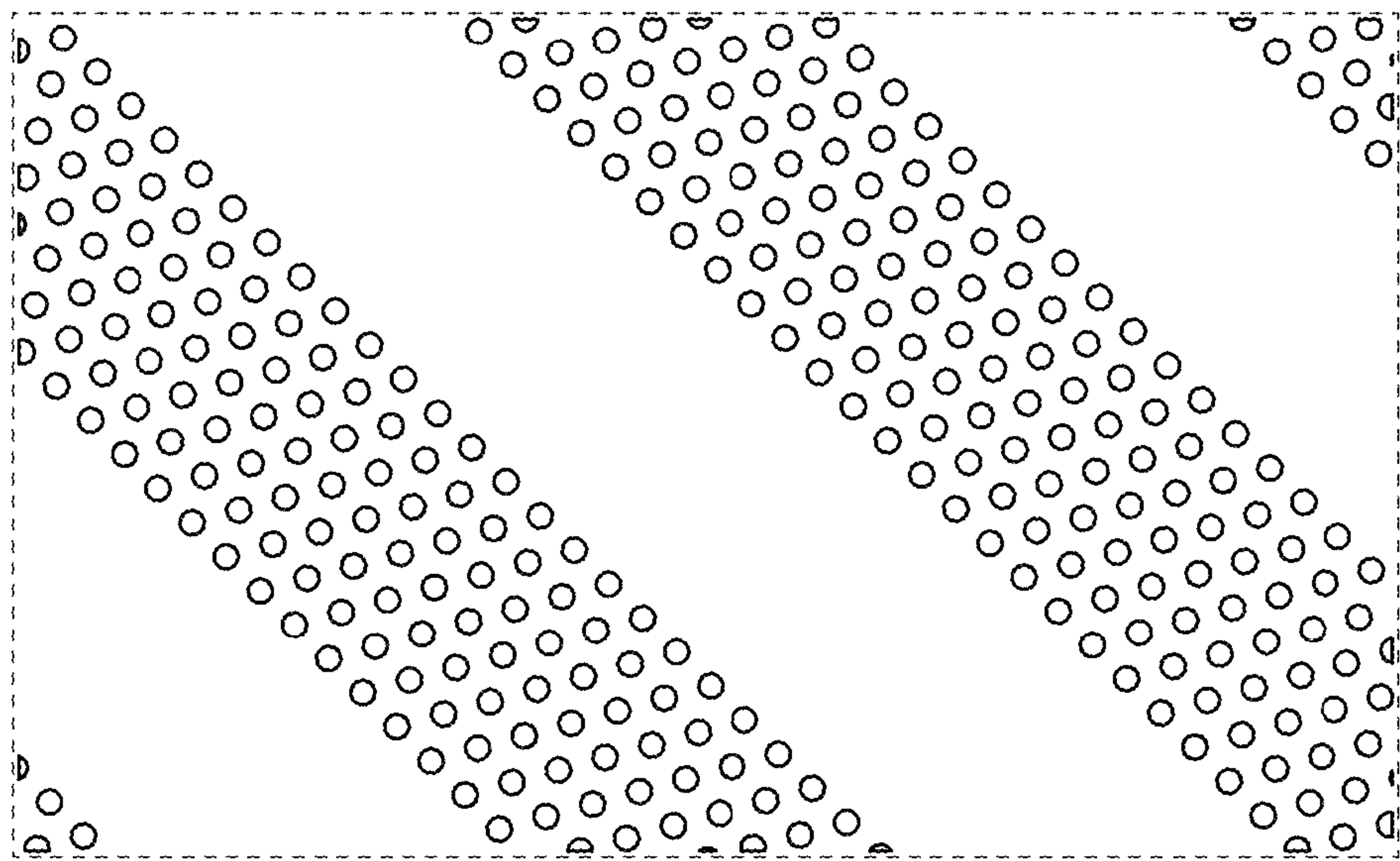


Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7

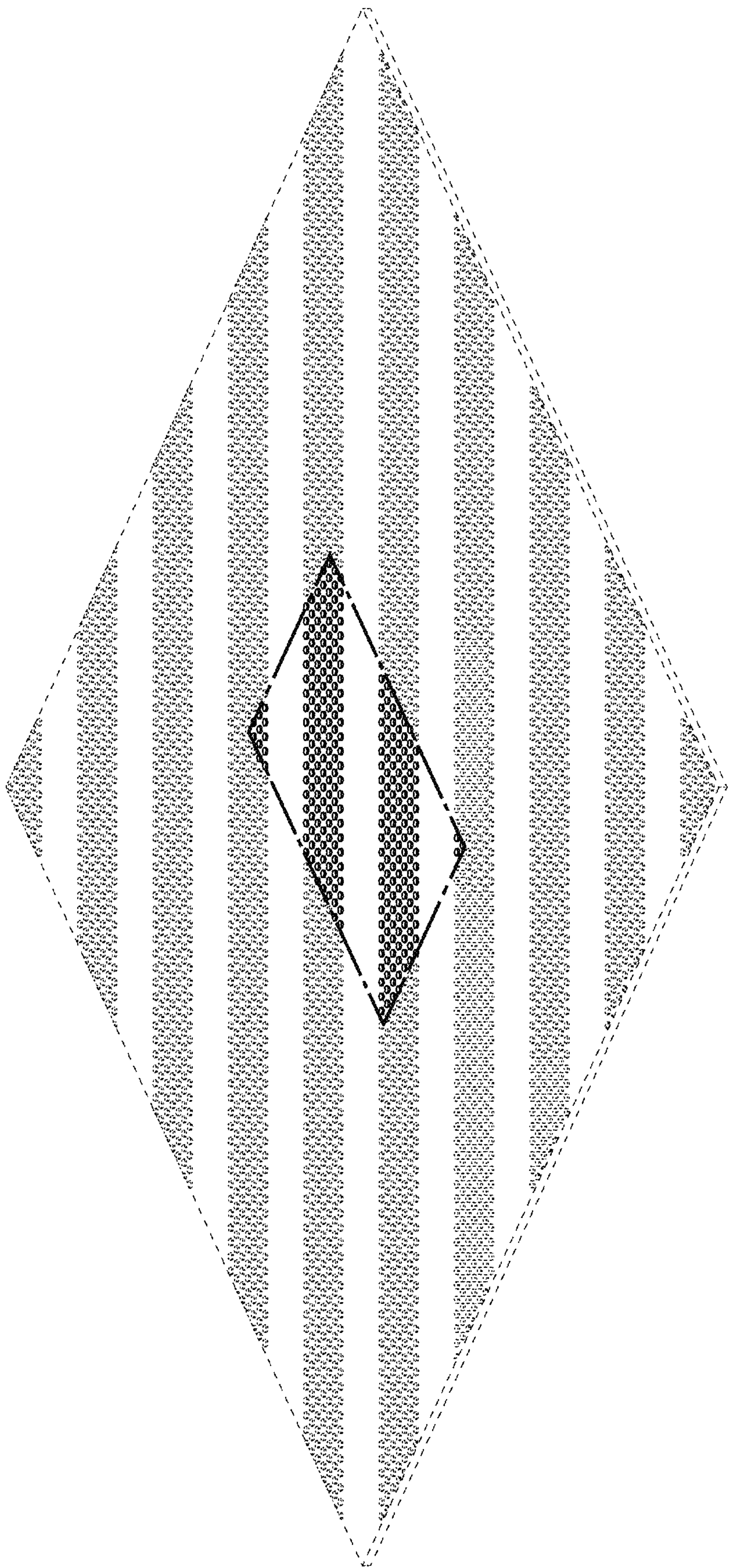


Fig. 8

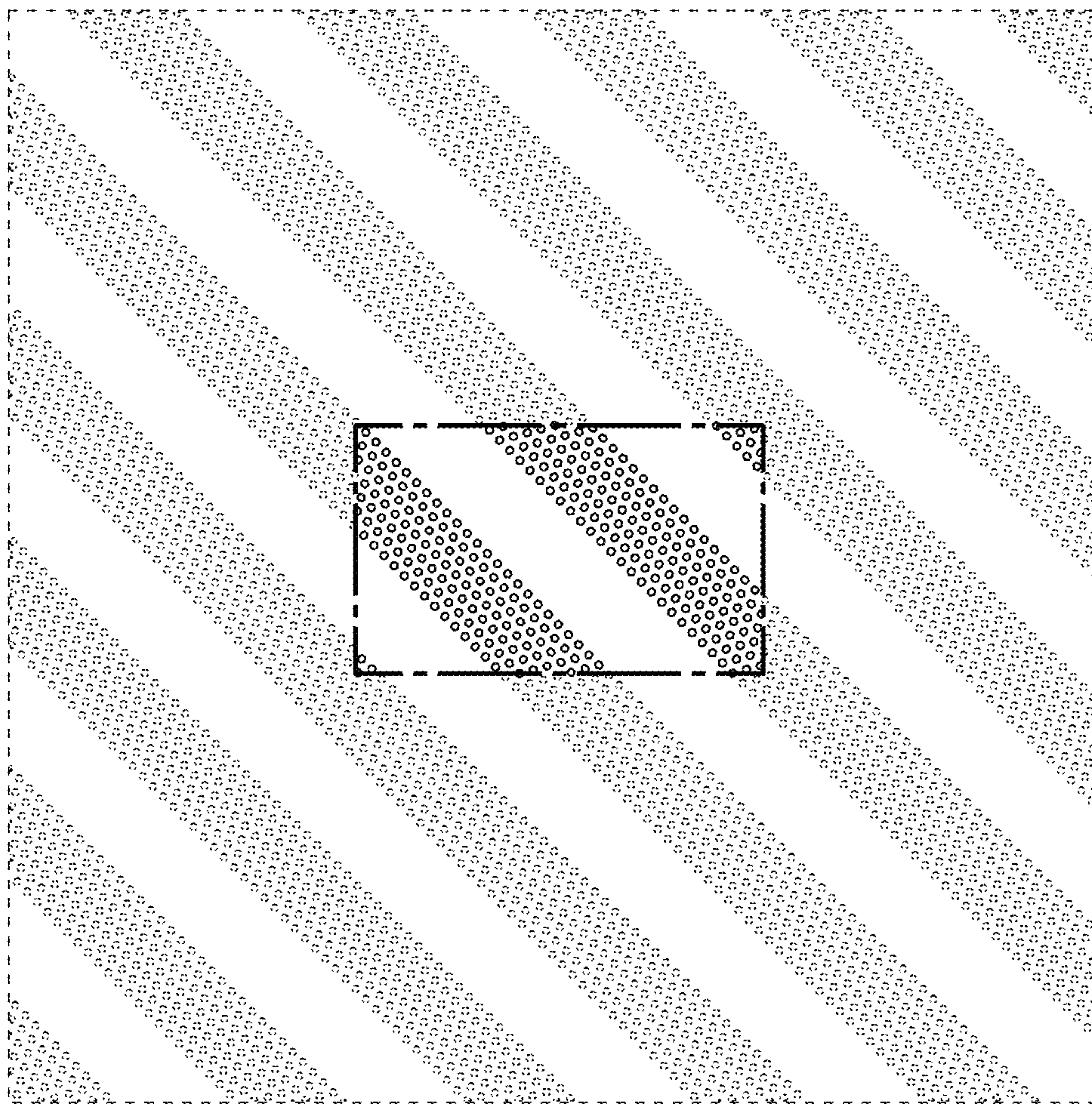


Fig. 9



Fig. 10

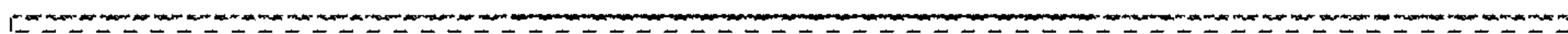


Fig. 11



Fig. 12

Fig. 13

Fig. 14