

US00D864392S

(12) **United States Design Patent** (10) **Patent No.:** **US D864,392 S**
Jo (45) **Date of Patent:** **** Oct. 22, 2019**

(54) **INTERDENTAL CLEANER**
(71) Applicant: **Wooick Jo**, Busan (KR)
(72) Inventor: **Wooick Jo**, Busan (KR)
(**) Term: **15 Years**

D701,308 S *	3/2014	Brannon	.....	D24/152
D735,942 S *	8/2015	Tseng	.....	D24/152
D768,994 S *	10/2016	Guibord	.....	D4/104
D779,672 S *	2/2017	Tapocik	.....	D24/152
D803,405 S *	11/2017	Longley	.....	D24/176
D812,912 S *	3/2018	Eidenbenz	.....	D4/111
D850,115 S *	6/2019	Rojas	.....	D4/108
2012/0109051 A1 *	5/2012	Harrell	.....	A61F 5/0006 604/77

(21) Appl. No.: **35/505,972**
(22) Filed: **May 9, 2018**

* cited by examiner

Primary Examiner — George D. Kirschbaum
Assistant Examiner — Samantha Q Lawrence

(80) **Hague Agreement Data**
Int. Filing Date: **May 9, 2018**
Int. Reg. No.: **DM/101602**
Int. Reg. Date: **May 9, 2018**
Int. Reg. Pub. Date: **Nov. 9, 2018**

(57) **CLAIM**

The ornamental design for an interdental cleaner, as shown and described.

(51) **LOC (12) Cl.** **24-02**
(52) **U.S. Cl.**
USPC **D24/152**
(58) **Field of Classification Search**
USPC D24/119, 152, 176; D4/101, 104, 106,
D4/107, 108, 110, 111, 113, 130, 132,
D4/137, 138, 139
CPC A46B 9/02; A46B 1/00; A46B 9/06; A46B
7/04; A46B 2200/1006; A46B 5/02; A46B
5/021; A46B 9/04; A46B 17/04; A46B
15/0095; A61C 3/005; A61C 15/02
See application file for complete search history.

DESCRIPTION

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

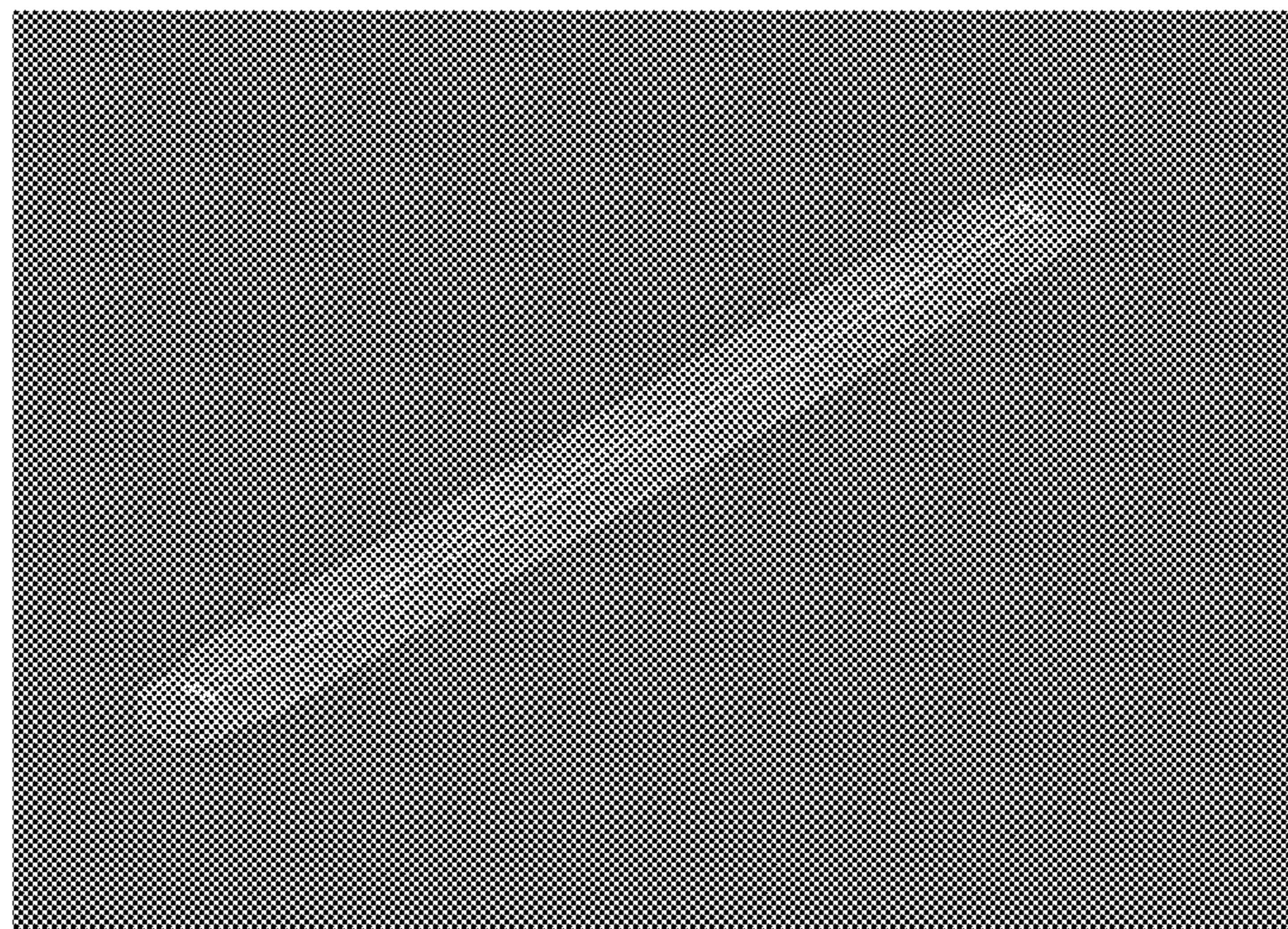
1. Interdental cleaner
Figure 1.1 is a perspective view of an interdental cleaner;
Figure 1.2 is a front view thereof;
Figure 1.3 is a back view thereof;
Figure 1.4 is a top view thereof; and
Figure 1.5 is a bottom view thereof;
Figure 1.6 is a left view thereof;
Figure 1.7 is a right view thereof;
Figure 1.8 is an exploded view thereof; and
Figure 1.9 is a front view thereof.
Figure 1.9 shows hands holding the interdental cleaner. The hands are shown as environment only and to show the interdental cleaner in a state of use and form no part of the claimed design.

(56) **References Cited**

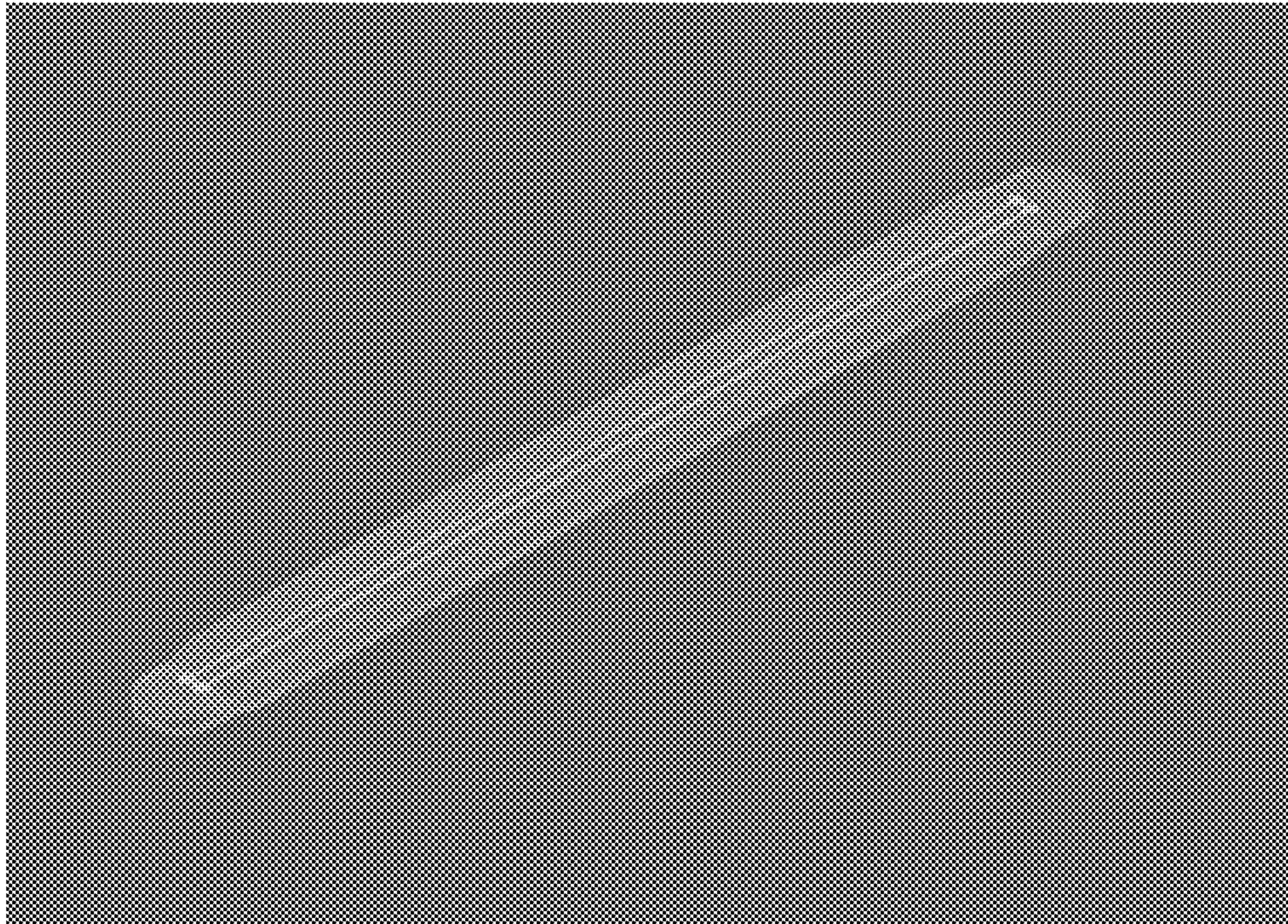
U.S. PATENT DOCUMENTS

D406,343 S *	3/1999	Zimet de Sternberg	.....	D24/152
D406,395 S *	3/1999	Marin	.....	D28/66
D436,174 S *	1/2001	Komamura	.....	D24/152
D461,894 S *	8/2002	Jansheski, Jr.	.....	D24/152
D474,540 S *	5/2003	Mayer	.....	D24/133
D476,420 S *	6/2003	Latone	.....	D24/152

1 Claim, 9 Drawing Sheets
(9 of 9 Drawing Sheet(s) Filed in Color)



1.1



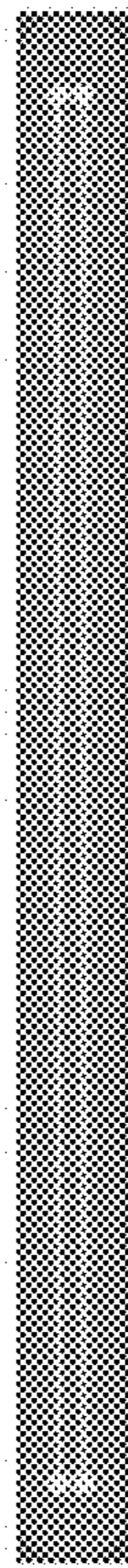
1.2



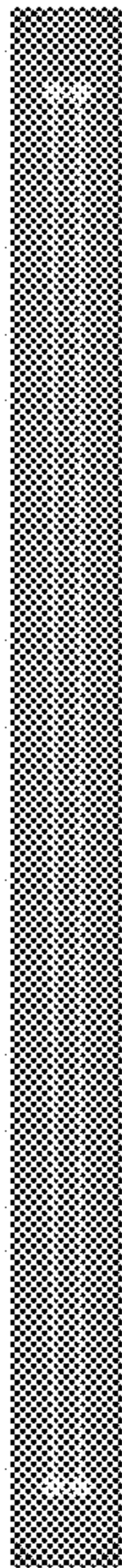
1.3



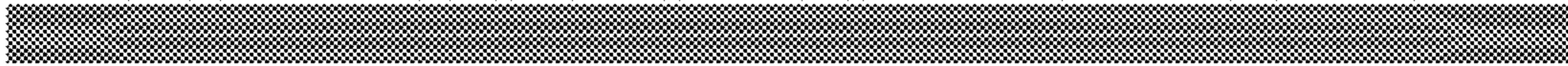
1.4



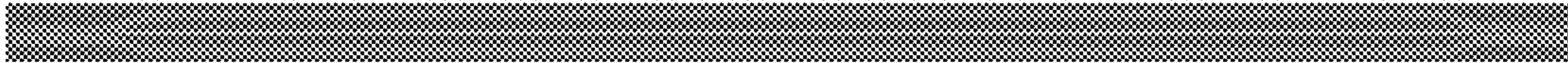
1.5



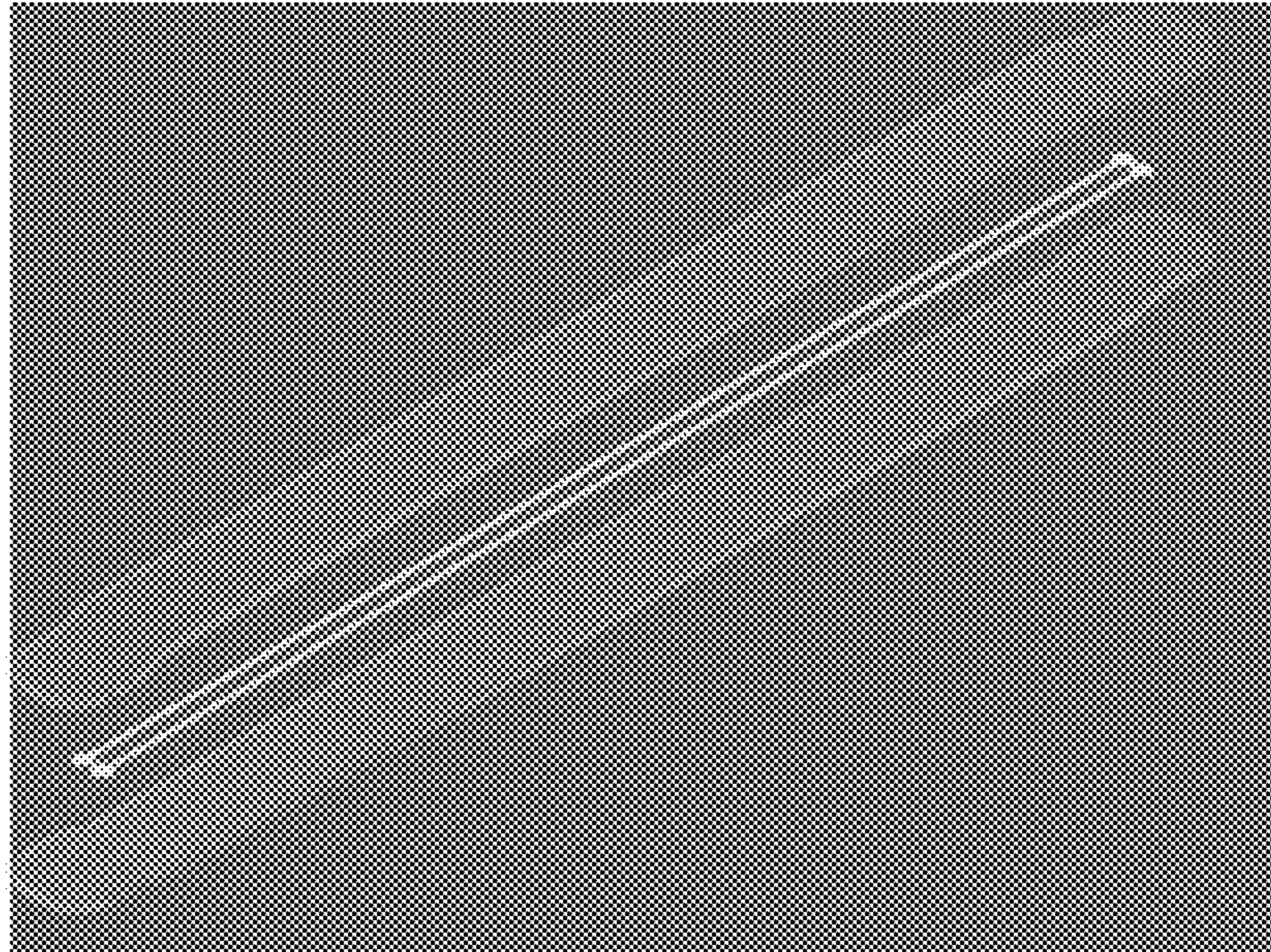
1.6



1.7



1.8



1.9

