



US00D892358S

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

(10) **Patent No.:** **US D892,358 S**

(45) **Date of Patent:** **** Aug. 4, 2020**

(54) **ROOFING TILE OF METAL
INCORPORATING PANEL OF
PHOTOVOLTAIC CELLS**

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

(21) Appl. No.: **29/672,396**

(22) Filed: **Dec. 5, 2018**

(30) **Foreign Application Priority Data**

Nov. 13, 2018 (KR) 30-2018-0052334

(51) **LOC (12) Cl.** **25-01**

(52) **U.S. Cl.**
USPC **D25/140**

(58) **Field of Classification Search**
USPC D25/139, 140, 141
CPC E04D 1/04; E04D 13/103; E04D 1/26;
E04D 1/28; E04D 1/265; E04D 1/18;
E04D 1/02; E04D 1/06
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D644,342 S * 8/2011 Hudson, Jr. D25/139
D644,754 S * 9/2011 Hudson, Jr. D25/139

D644,755 S * 9/2011 Hudson, Jr. D25/139
8,220,210 B2 * 7/2012 Botkin E04D 13/00
52/173.3
8,875,454 B2 * 11/2014 Arguelles E04D 1/28
52/173.3
9,068,762 B2 * 6/2015 Noton E04D 1/04
D777,352 S * 1/2017 Dengying D25/140
10,000,930 B2 * 6/2018 Lowe F24F 7/02

* cited by examiner

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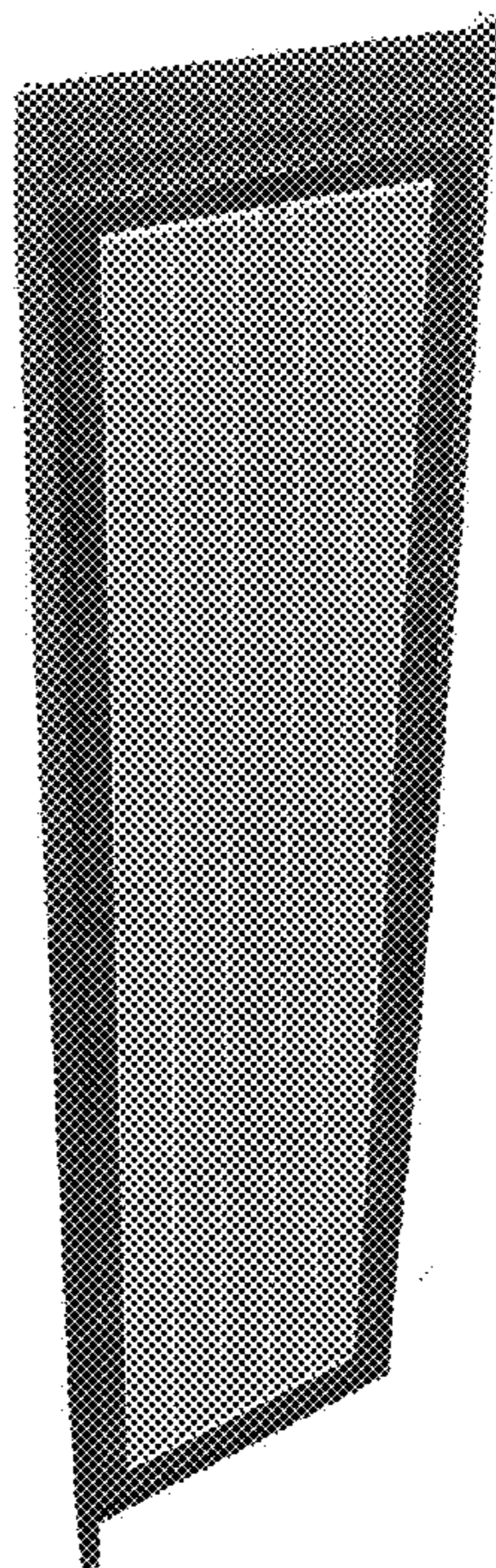
(57) **CLAIM**

The ornamental design for a roofing tile of metal incorpo-
rating panel of photovoltaic cells, as shown and described.

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.
FIG. 1 is a perspective view of a roofing tile of metal
incorporating panel of photovoltaic cells of our 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; and,
FIG. 7 is a right side view thereof.

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



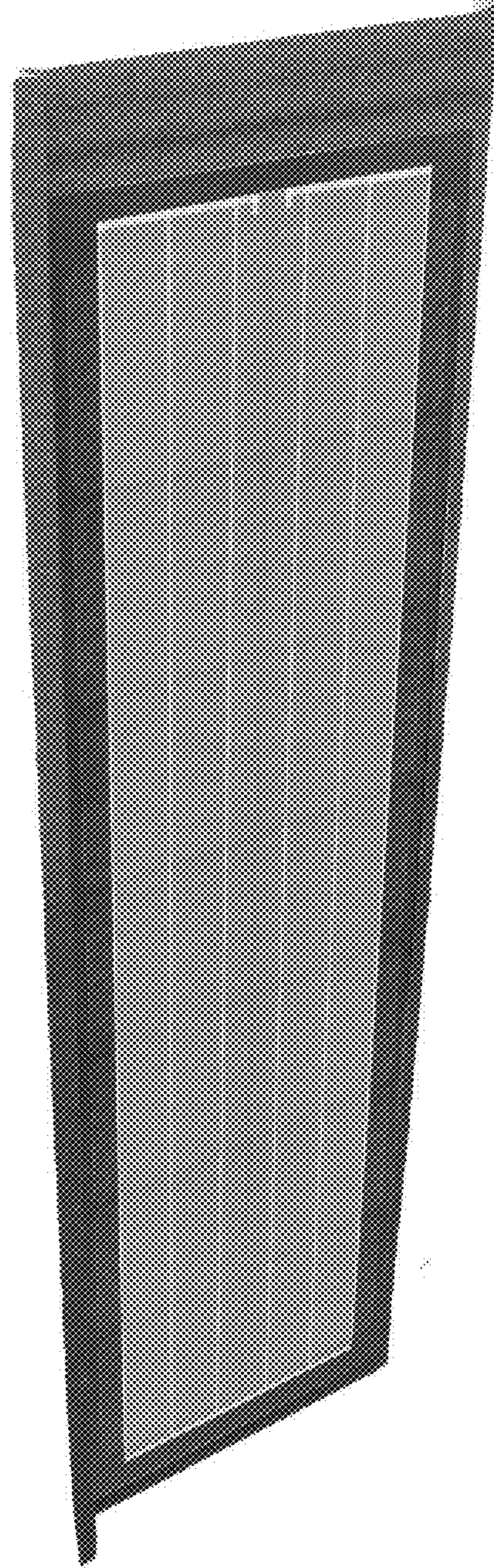


FIG. 1



FIG. 2



FIG. 3

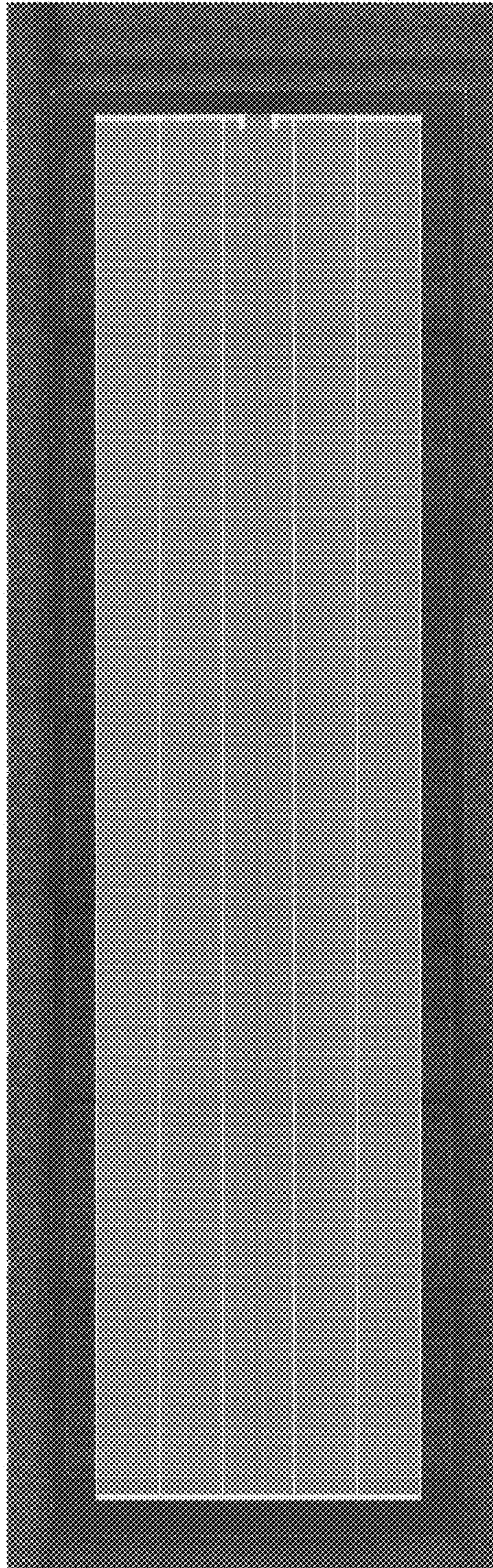


FIG. 4

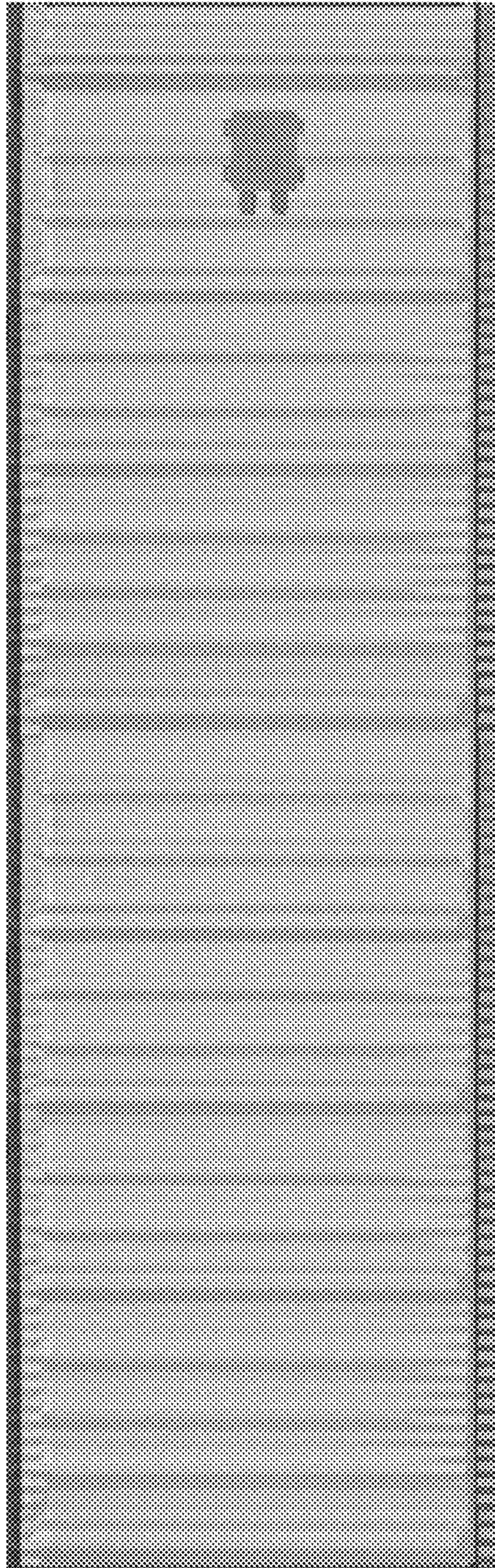


FIG. 5

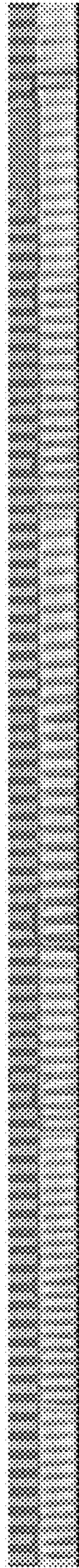


FIG. 6

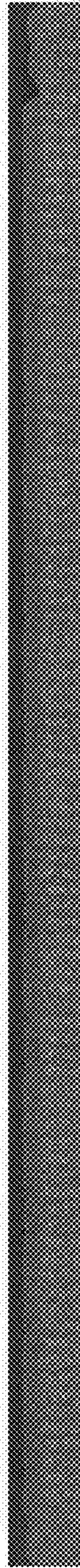


FIG. 7