



US00D444953S

(12) **United States Design Patent** (10) **Patent No.:** **US D444,953 S**
Marecki et al. (45) **Date of Patent:** **** Jul. 17, 2001**

(54) **GLITTERING CUBE-CORNER RETROREFLECTIVE SHEETING**

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of MN (US)

(73) Assignee: **3M Innovative Properties Company**,
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(**) Term: **14 Years**

(21) Appl. No.: **29/078,887**

(22) Filed: **Oct. 31, 1997**

(51) **LOC (7) Cl.** **05-06**

(52) **U.S. Cl.** **D5/99**

(58) **Field of Search** D5/22, 41, 47,
D5/53, 57, 61, 62, 99; D29/101; 156/245;
264/1.1, 1.6, 1.9; 359/529, 530, 900; 428/40.1,
156, 199, 400, 904.4

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U.S. application No. 08/640,326, entitled *Glittering Cube-Corner Retroreflective Sheeting* filed Apr. 30, 1996.

U.S. application No. 08/640,383, entitled *Mold For Producing Glittering Cube-Corner Retroreflective Sheeting* filed Apr. 30, 1996.

(List continued on next page.)

Primary Examiner—Robert M. Spear

(74) *Attorney, Agent, or Firm*—Rudolph P. Hofmann, Jr.

(57) **CLAIM**

The ornamental design for a glittering cube-corner retroreflective sheeting, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a glittering cube-corner retroreflective sheeting showing the new design. The “stars” that are shown in this Figure and in FIG. 2 represent glitter that is displayed by the article when exposed to light. The terms “glitter”, “glitters”, or “glittering” are used herein to mean a multiplicity of discrete regions of light that appear as distinct points of light, each of which may be noticed by the unaided eye of an ordinary observer when light is incident on the sheeting, but which points of light disappear or become unnoticeable to the eye of the same observer when either the angle of the incident light source to the sheeting, the angle of observation, the sheeting’s orientation, or a combination thereof are changed. The term “retroreflective sheeting” means a sheeting that reflects substantial quantities of incident light—which light otherwise would be reflected elsewhere—back towards the light source.

FIG. 2 is a reduced scale top elevational view thereof.

FIG. 3 is a bottom elevational view thereof, showing a cube-corner element array.

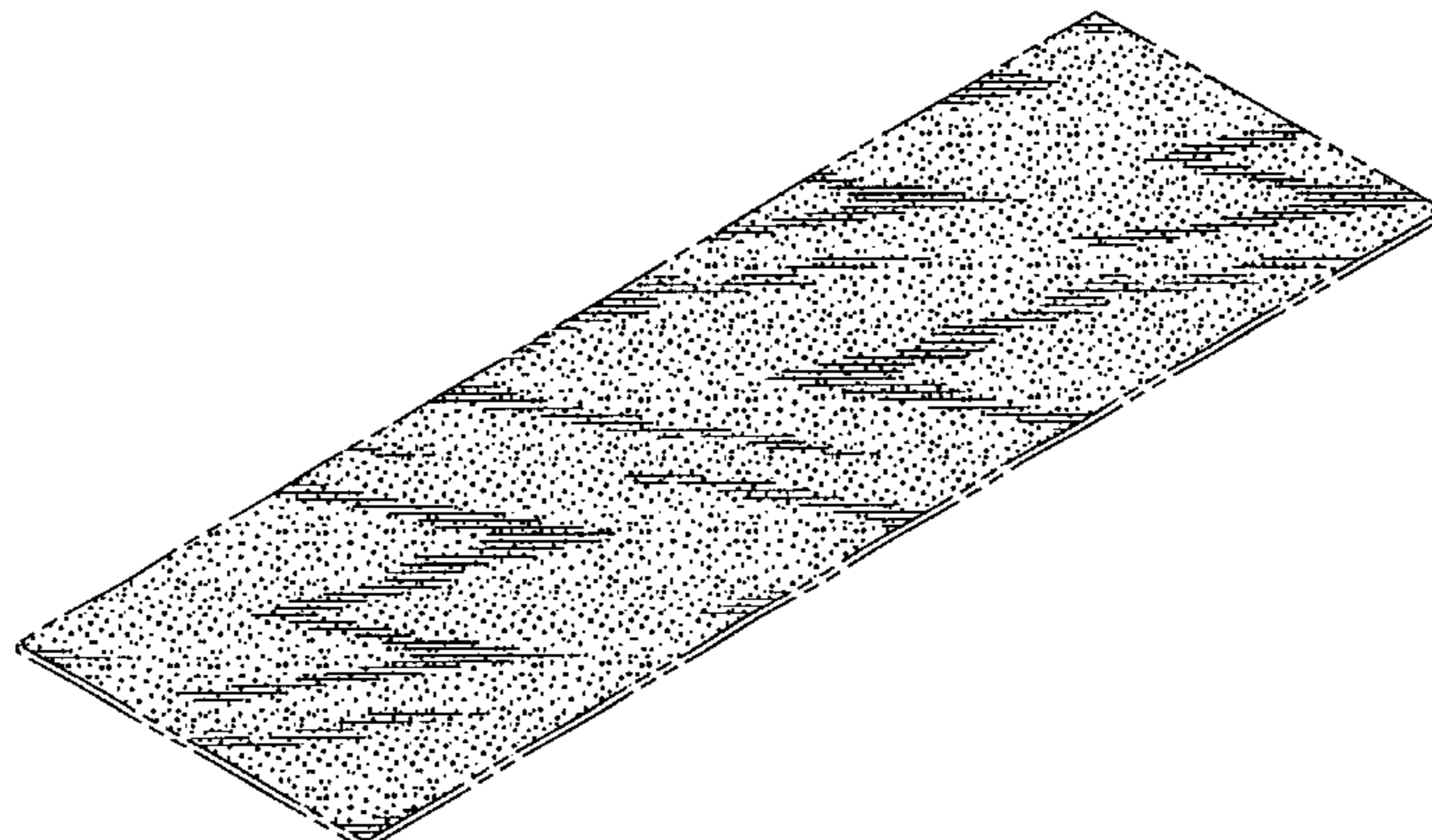
FIG. 4 is a front side elevational view thereof. The rear side elevational view is the same as the front side elevational view; and,

FIG. 5 is a left side elevational view thereof. The right side elevational view is the same as the left side elevational view.

In the drawings, the broken lines form no part of the claimed design and indicate that the glittering retroreflective sheeting has indeterminate length and width.

The combination of diagonal surface shading and stippling in FIGS. 1–2 represents a glittering reflective surface effect.

1 Claim, 2 Drawing Sheets



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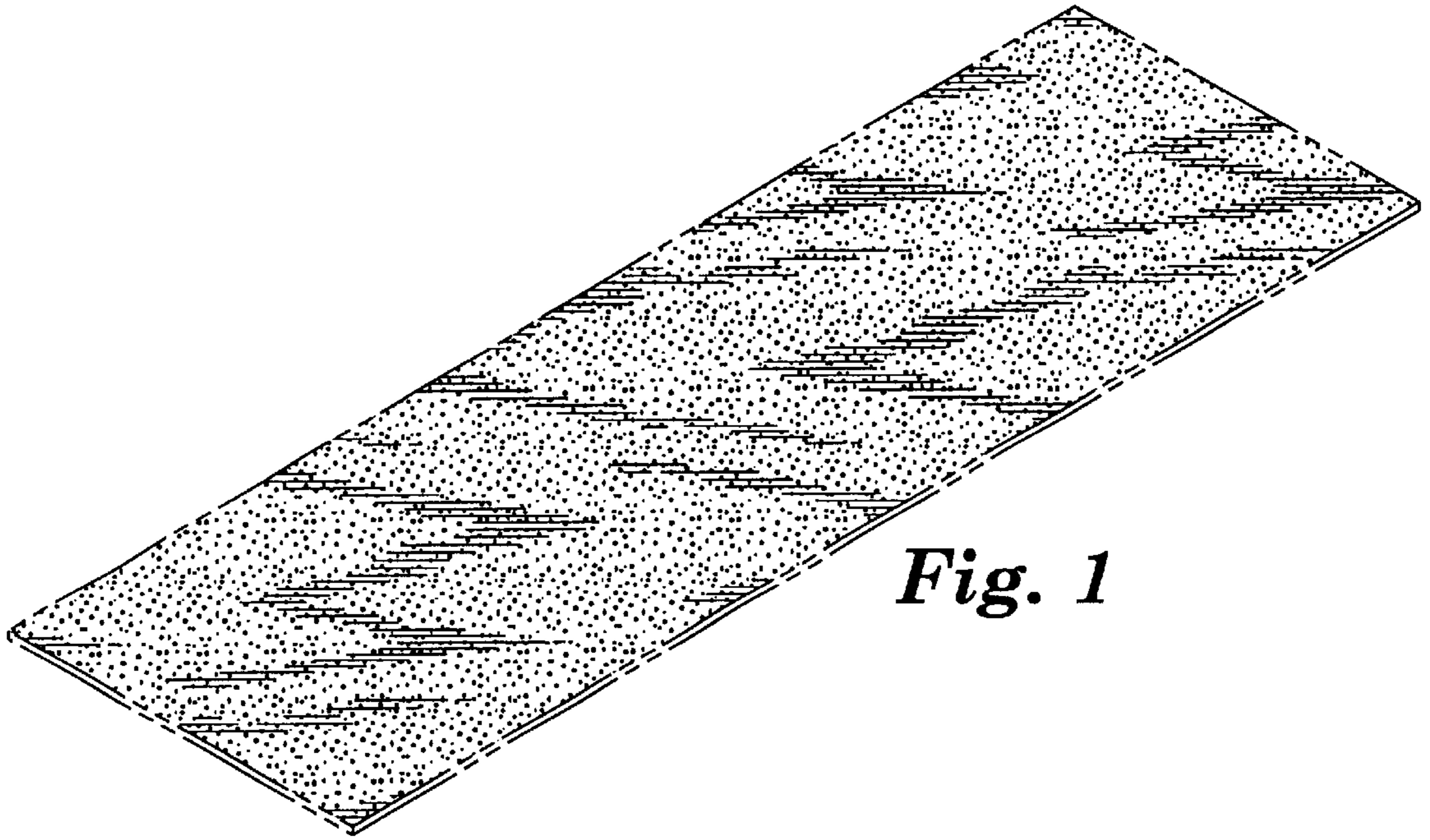


Fig. 1

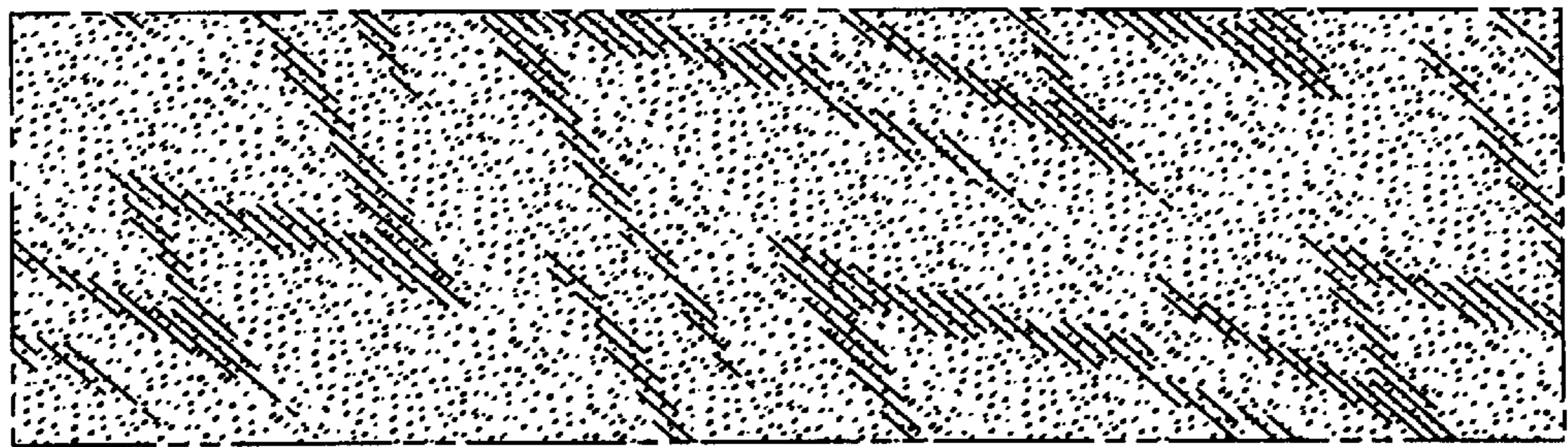


Fig. 2

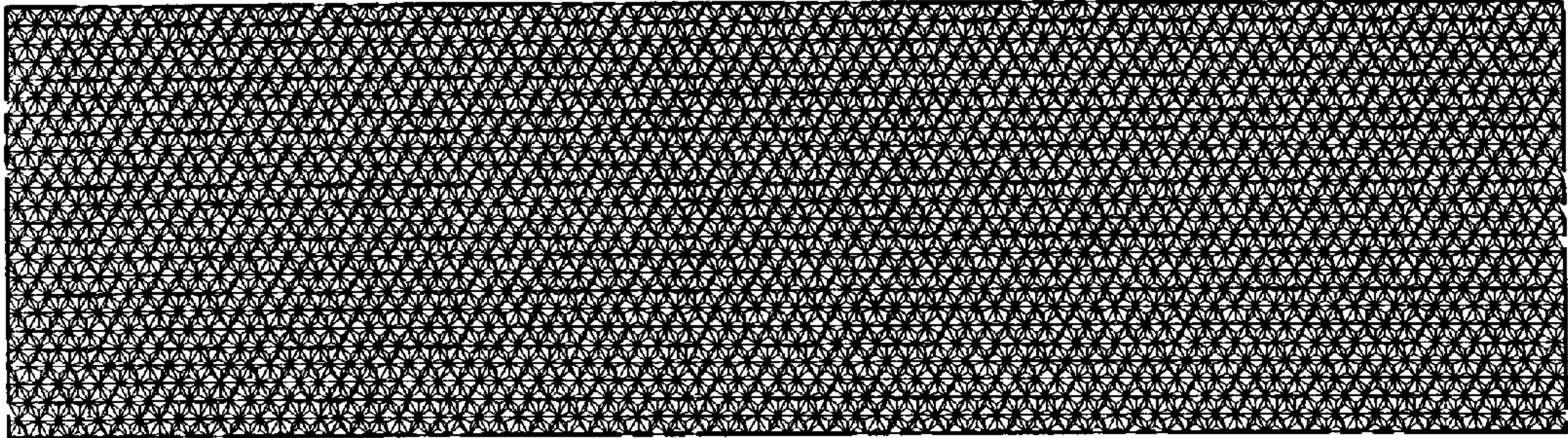


Fig. 3



Fig. 4

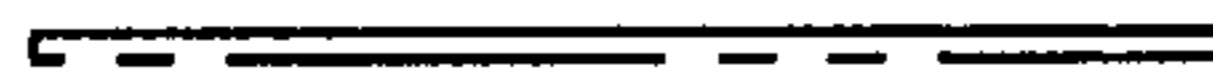


Fig. 5

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 444,953 S
DATED : July 17, 2001
INVENTOR(S) : Marecki, Paul E.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,
DESCRIPTION

FIG. 1,

Line 2, delete "The "stars" that are shown in this Figure and in FIG. 2 represent glitter that is displayed by this article when exposed to light. The terms "glitter", "glitters", or "glittering" and insert in place thereof -- The speckling that is shown in this Figure and in Figure 2 represents glitter that is displayed by the article when exposed to light. The terms "glitter" or "glittering" --.

FIG. 4,

Line 3, delete "view; and," and insert in place thereof -- view. --

Signed and Sealed this

Fourteenth Day of January, 2003

A handwritten signature in black ink, appearing to read "James E. Rogan", written over a horizontal line.

JAMES E. ROGAN
Director of the United States Patent and Trademark Office