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(12) **United States Design Patent** (10) **Patent No.:** **US D781,942 S**
Hirose (45) **Date of Patent:** **** Mar. 21, 2017**

(54) **GRAPHITE SHEET FOR PROTECTING CRUCIBLE**

(75) Inventor: **Yoshiaki Hirose**, Mitoyo (JP)

(73) Assignee: **TOYO TANSO CO., LTD.**, Osaka (JP)

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

(21) Appl. No.: **29/422,300**

(22) Filed: **May 18, 2012**

(30) **Foreign Application Priority Data**

Nov. 18, 2011 (JP) 2011-26789

Nov. 18, 2011 (JP) 2011-26790

(51) **LOC (10) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/144**

(58) **Field of Classification Search**
USPC D15/199, 144, 144.1, 144.2;
D21/484-505
See application file for complete search history.

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Primary Examiner — Patricia Palasik

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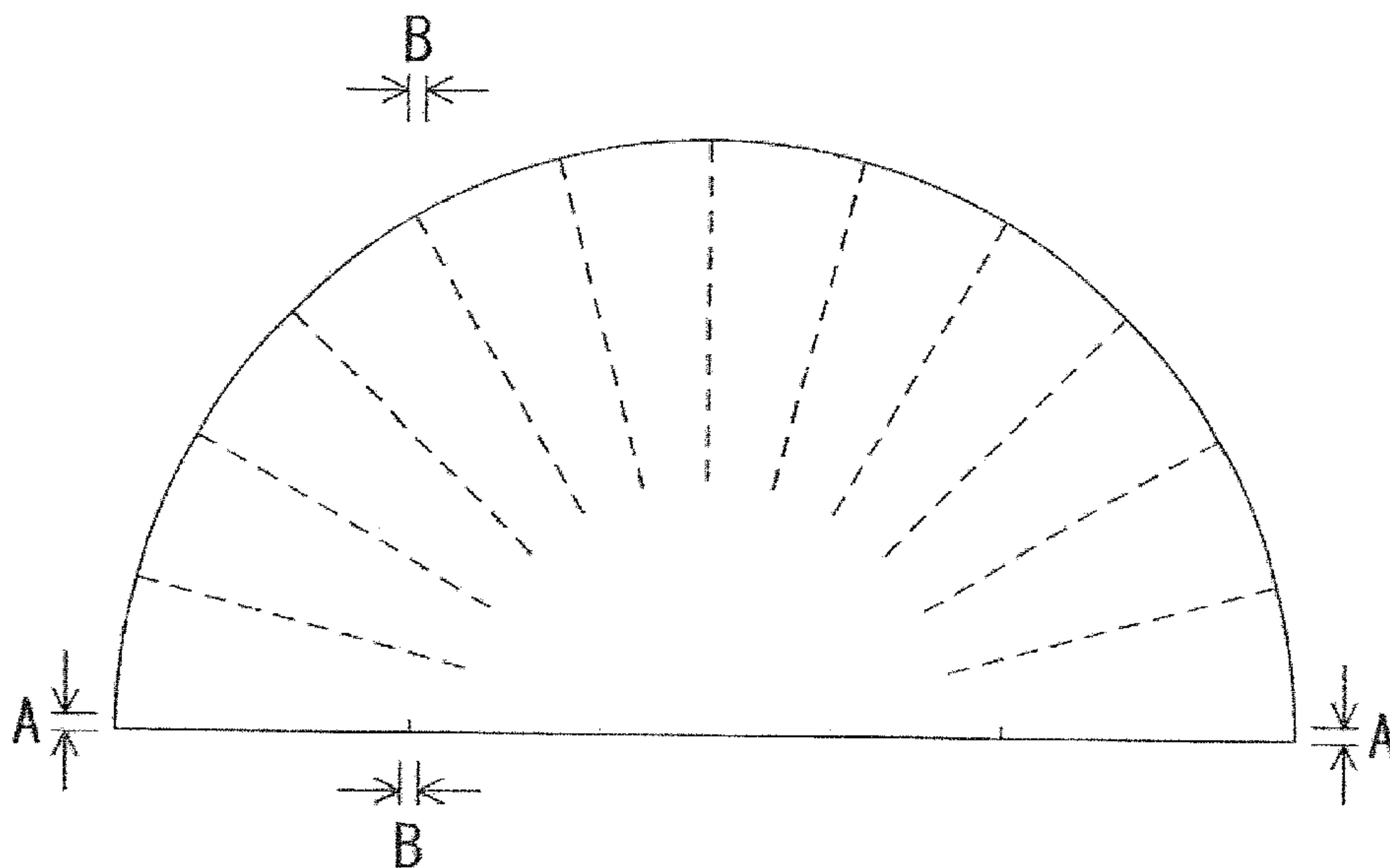
(57) **CLAIM**

The ornamental design for graphite sheet for protecting crucible, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of the design, the rear elevational view being the same;
FIG. 2 is an elevational view of one side thereof, the other side being the same;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof; and,
FIG. 5 is an enlargement of rectangle 5 as shown in FIG. 1.
The broken lines in the drawings are for the purpose of illustrating environmental structure and form no part of the claimed design embodiments.

1 Claim, 5 Drawing Sheets



(56)

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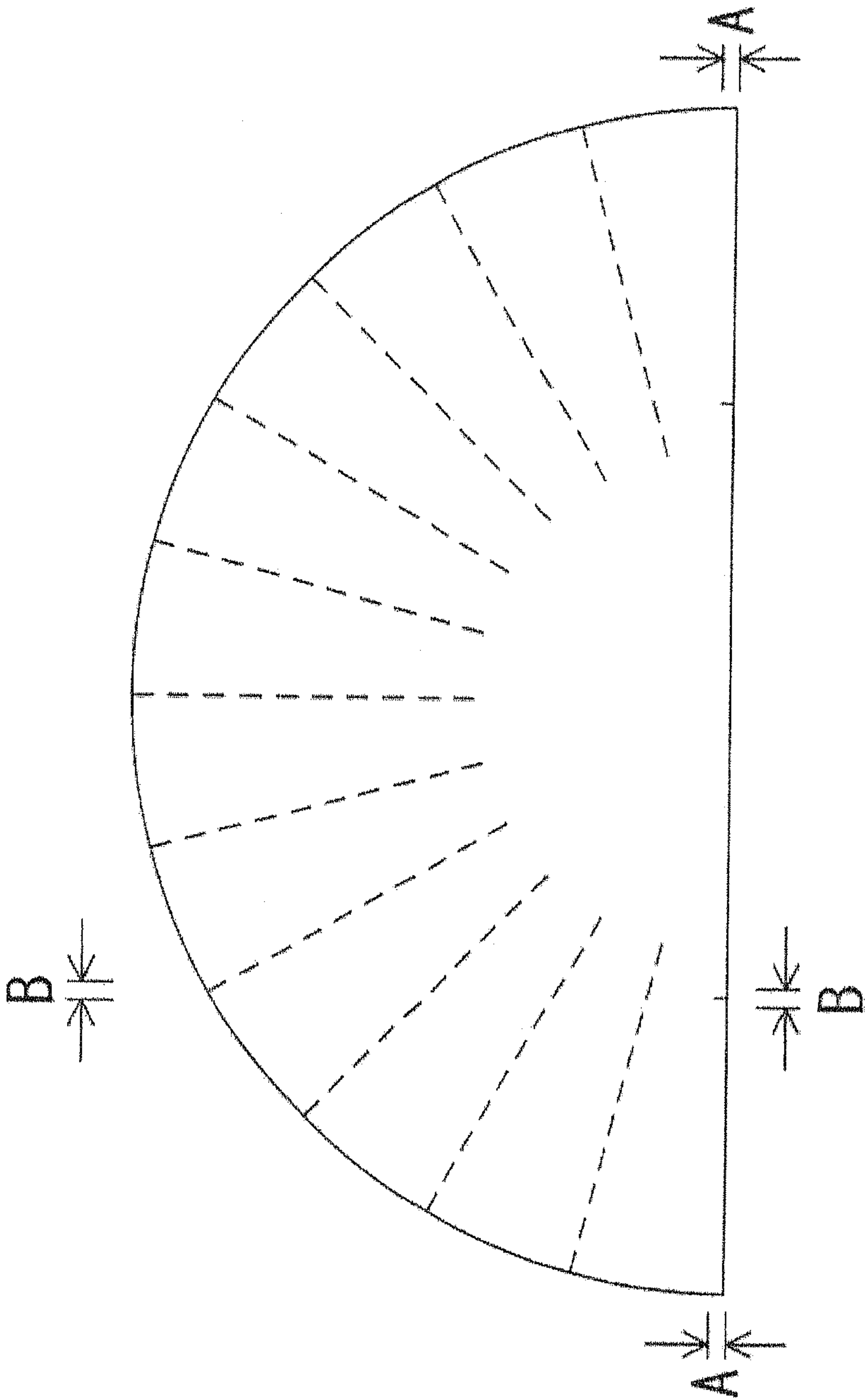


FIG. 1

FIG. 2



FIG. 3



FIG. 4



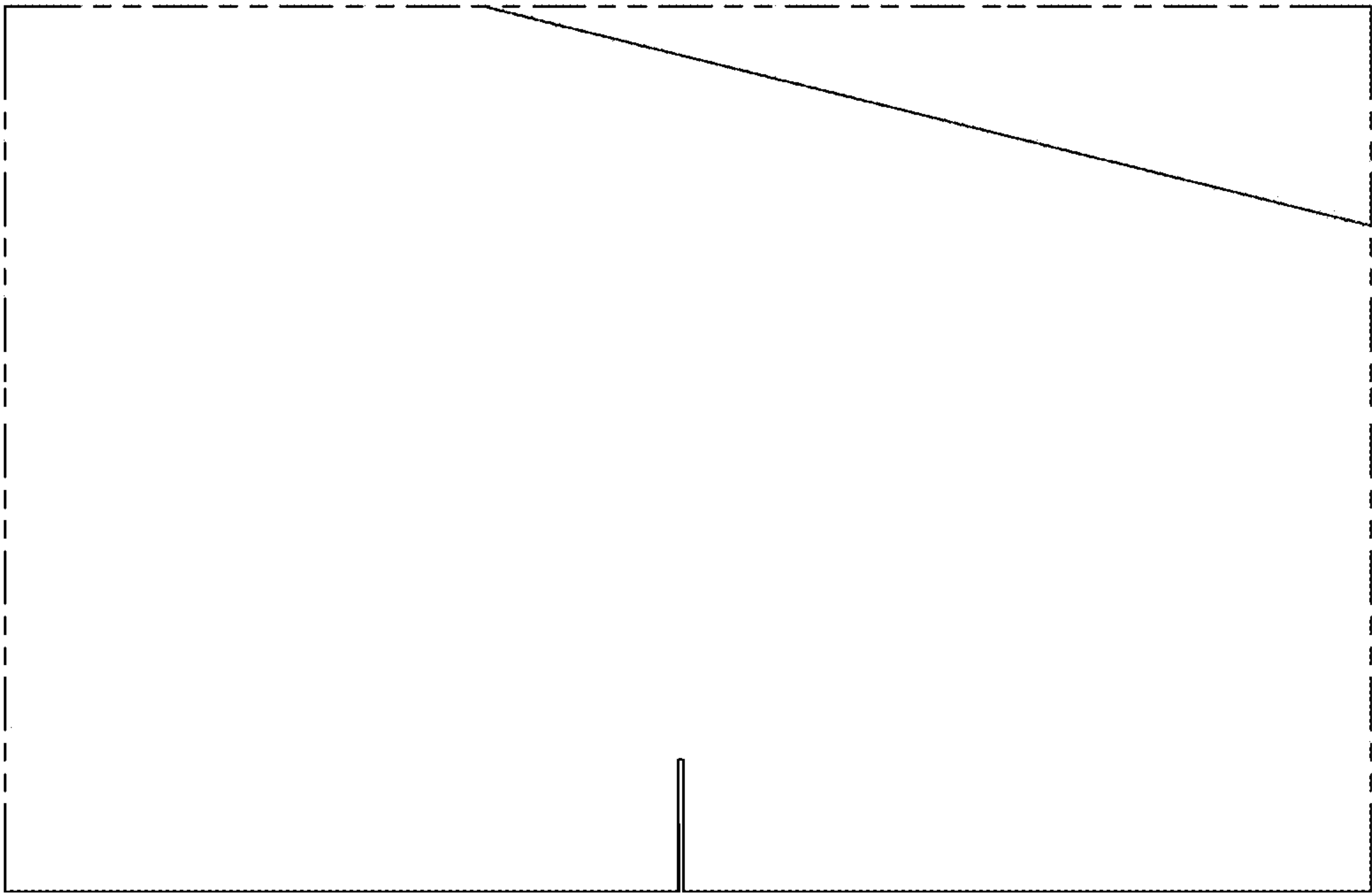


FIG. 5

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D781,942 S
APPLICATION NO. : 29/422300
DATED : March 21, 2017
INVENTOR(S) : Hirose Yoshiaki

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

On the Title Page

Replace the Title Page with attached Title Page displaying new Figure 1; and

In the Drawings

Replace sheets 1-4 with the attached Figures 1-4.

Signed and Sealed this
Eighteenth Day of July, 2017

A handwritten signature in cursive script that reads "Joseph Matal". The ink is dark and the signature is fluid, with the first and last names being clearly legible.

Joseph Matal
*Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office*

(12) **United States Design Patent**
Hirose

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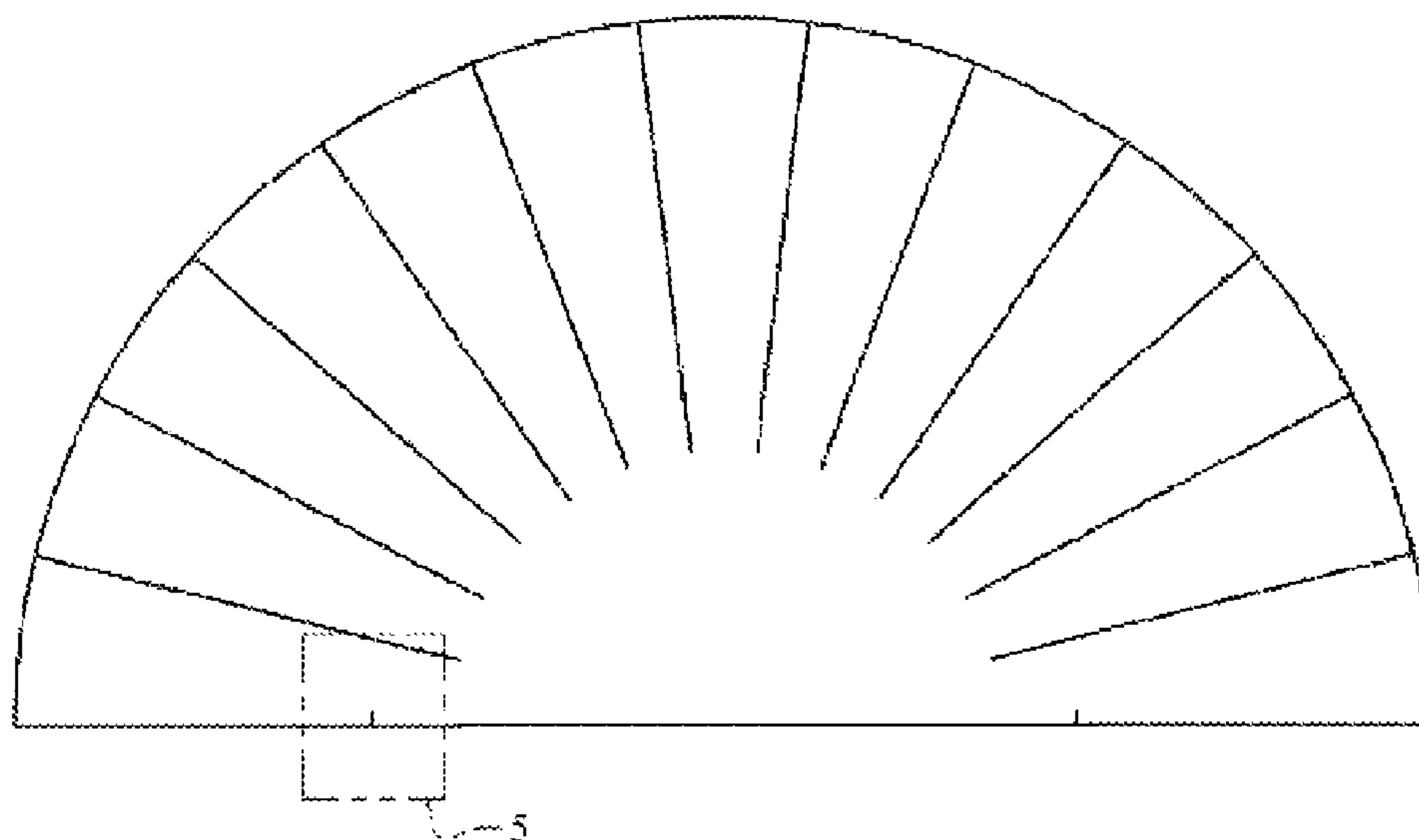
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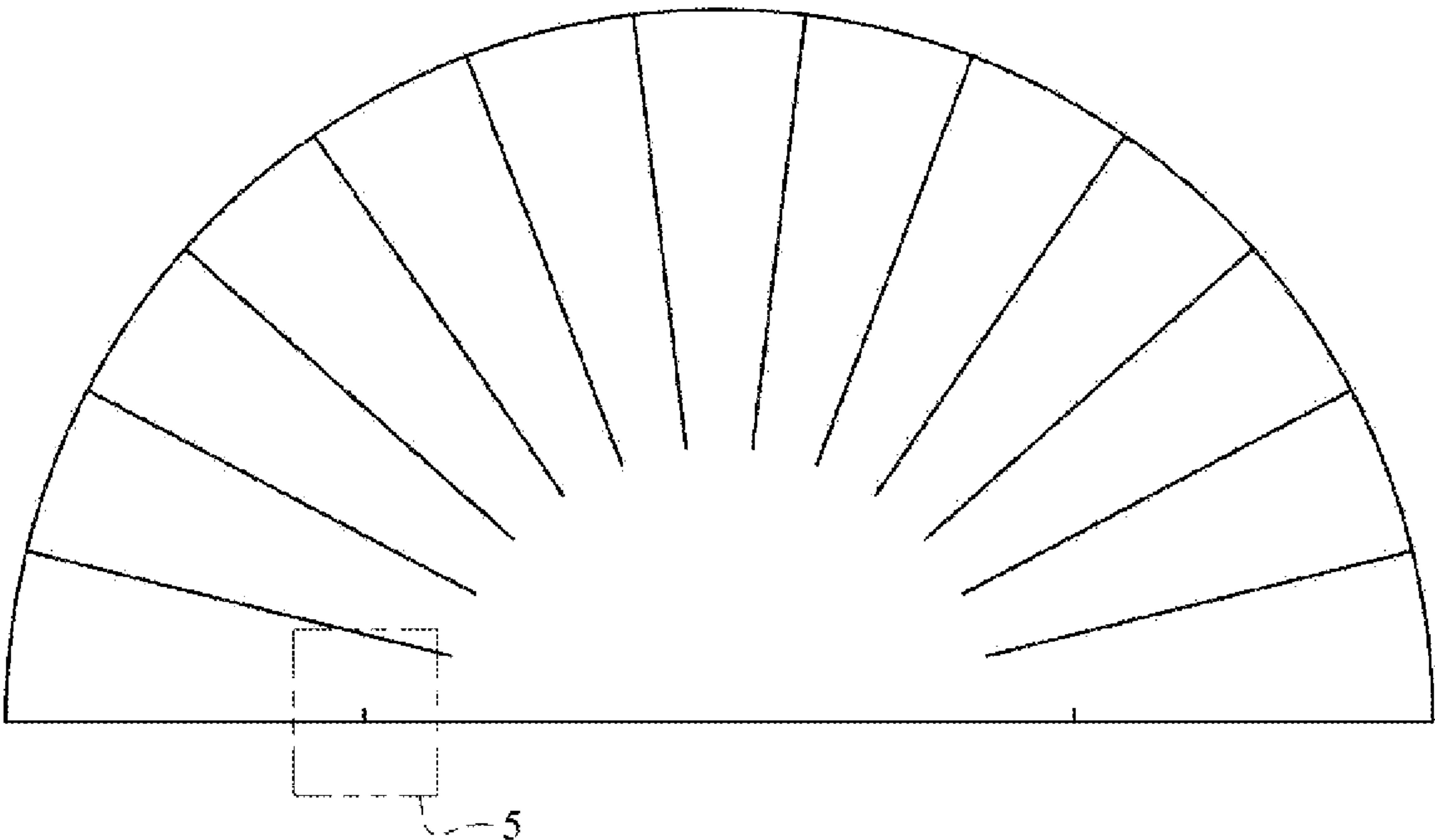


FIG. 1

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FIG. 2

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FIG. 3

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FIG. 4