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

(10) **Patent No.:** **US D618,760 S**
(45) **Date of Patent:** **** Jun. 29, 2010**

(54) **EXTRUDED MEDIA FOR SUPPORTING GROWTH BIOLOGY WITHIN A WASTEWATER TREATING SYSTEM**

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(57) **CLAIM**

The ornamental design for an extruded media for supporting growth biology within a wastewater treating system, as shown and described.

(73) Assignee: **Entex Technologies, Inc.**, Chapel Hill, NC (US)

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

DESCRIPTION

(21) Appl. No.: **29/346,510**

(22) Filed: **Nov. 2, 2009**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/321,003, filed on Jul. 9, 2008, now abandoned.

FIG. 1 is a diagram illustrating a cross-sectional view of an extruded media for supporting growth biology within a biological reactor wherein the plane of the cross-sectional view is substantially perpendicular to the longitudinal axis and the view is substantially perpendicular to the plane of the cross-sectional view and substantially along the longitudinal axis of the media;

(51) **LOC (9) Cl.** **23-01**

(52) **U.S. Cl.** **D23/207**

(58) **Field of Classification Search** D23/207, D23/269; 210/614, 616, 150
See application file for complete search history.

FIG. 2 is a diagram illustrating the left side view of the extruded media of FIG. 1, the right side view of the media being a mirror image; and,

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D353,438 S * 12/1994 Yuksel D23/207
- D354,544 S * 1/1995 Erwes D23/207
- 5,690,819 A * 11/1997 Chianh 210/150
- 6,524,849 B1 * 2/2003 Adams et al. 435/299.1
- 7,189,323 B2 * 3/2007 Lofqvist et al. 210/615

FIG. 3 is a diagram illustrating an isometric view of the extruded media of FIG. 1; and,

FIG. 4 is a diagram illustrating a cross-sectional view of a plurality of the extruded media of FIG. 1 wherein the plane of the cross-sectional view is substantially perpendicular to the longitudinal axis of the media and the view is substantially perpendicular to the plane of the cross-sectional view and substantially along the longitudinal axis of the media.

The broken lines of the left side view, the isometric view, and the plurality of media are included for the purpose of illustration and form no part of the claimed design.

The claimed design is shown fragmented in FIGS. 2 and 3 to indicate indeterminate length.

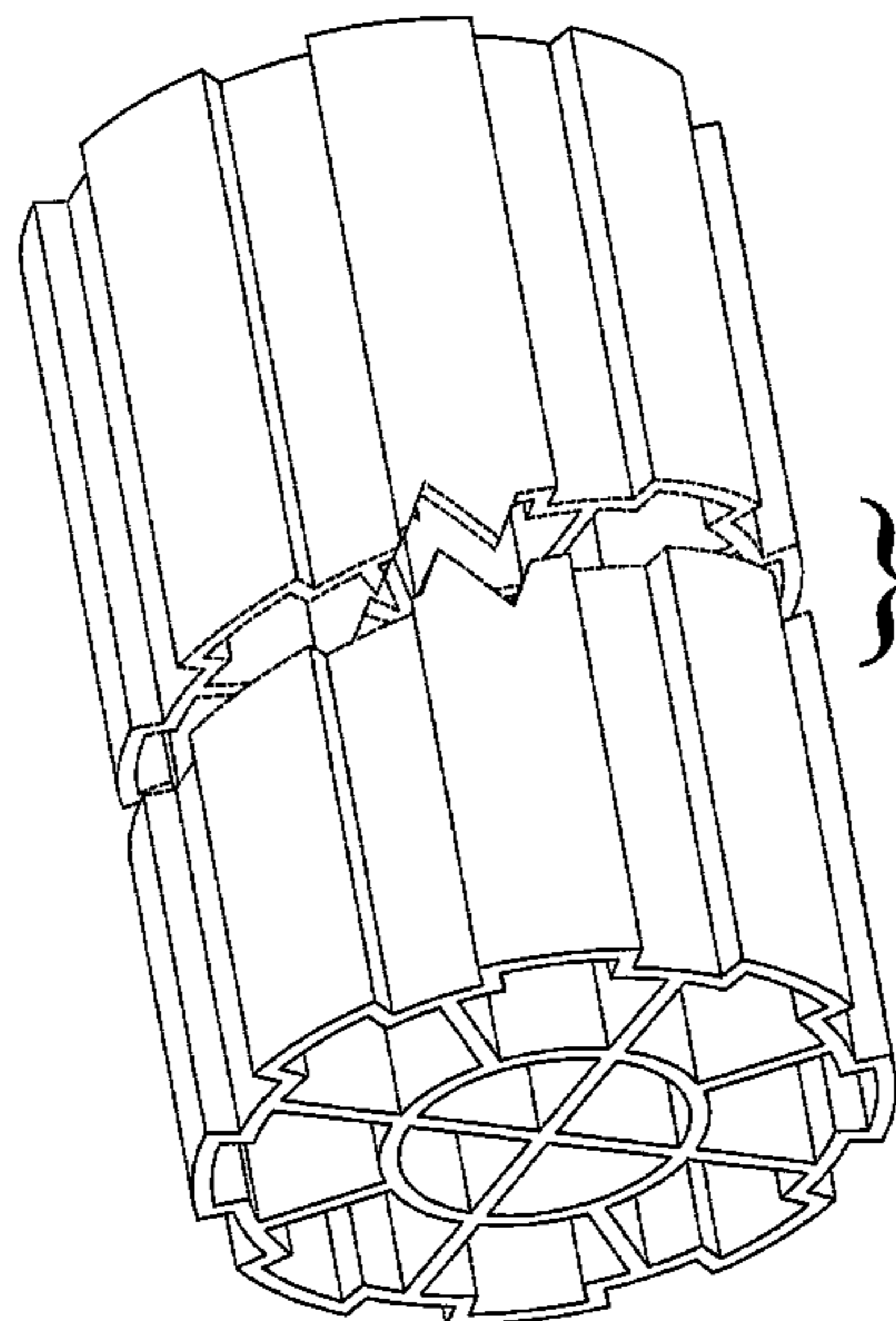
OTHER PUBLICATIONS

International Search Report mailed on Feb. 23, 2007 in PCT/US2006/041818.

Written Opinion of the International Search Authority mailed on Feb. 23, 2007 in PCT/US2006/041818.

* cited by examiner

1 Claim, 4 Drawing Sheets



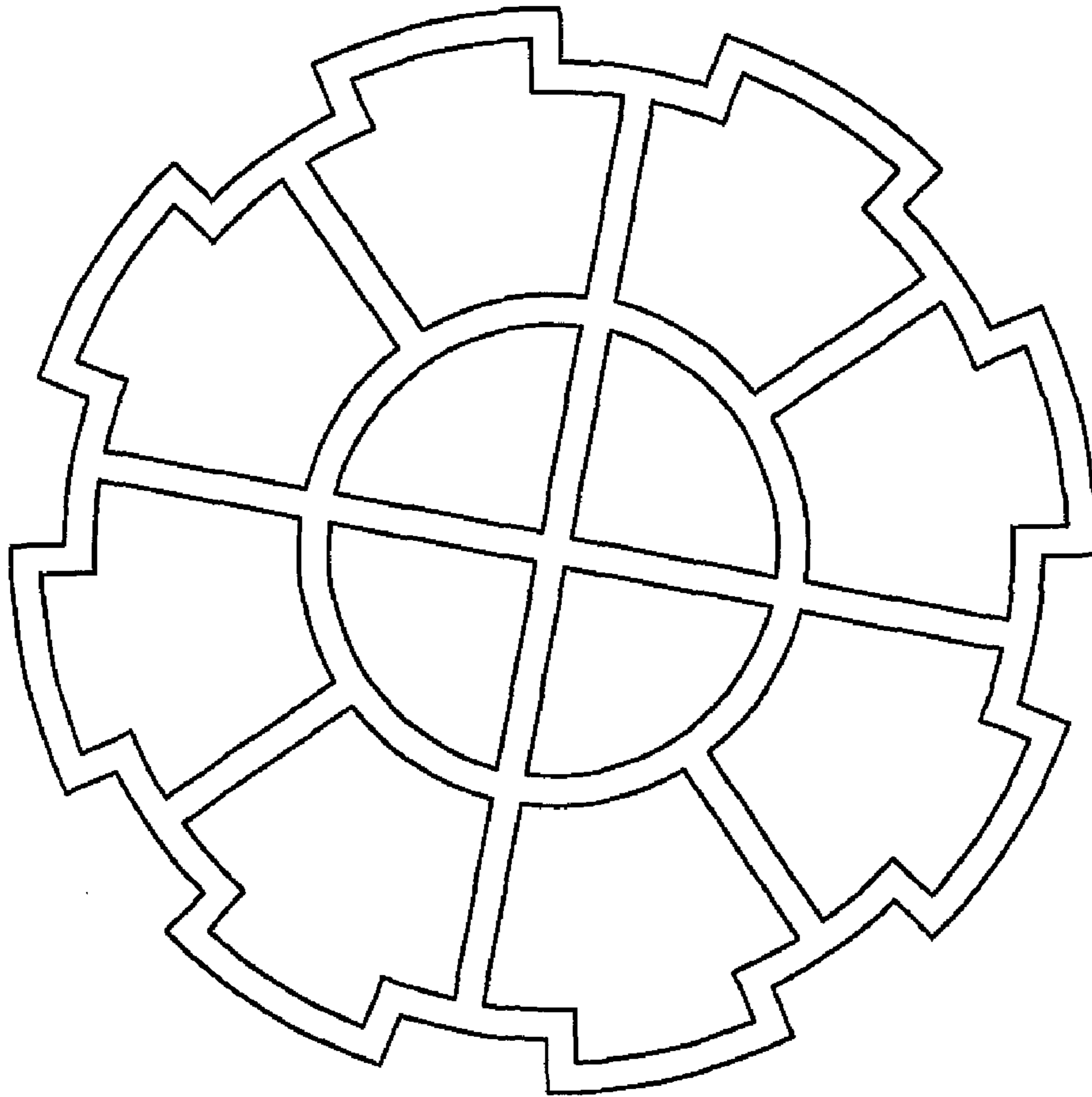


Figure 1

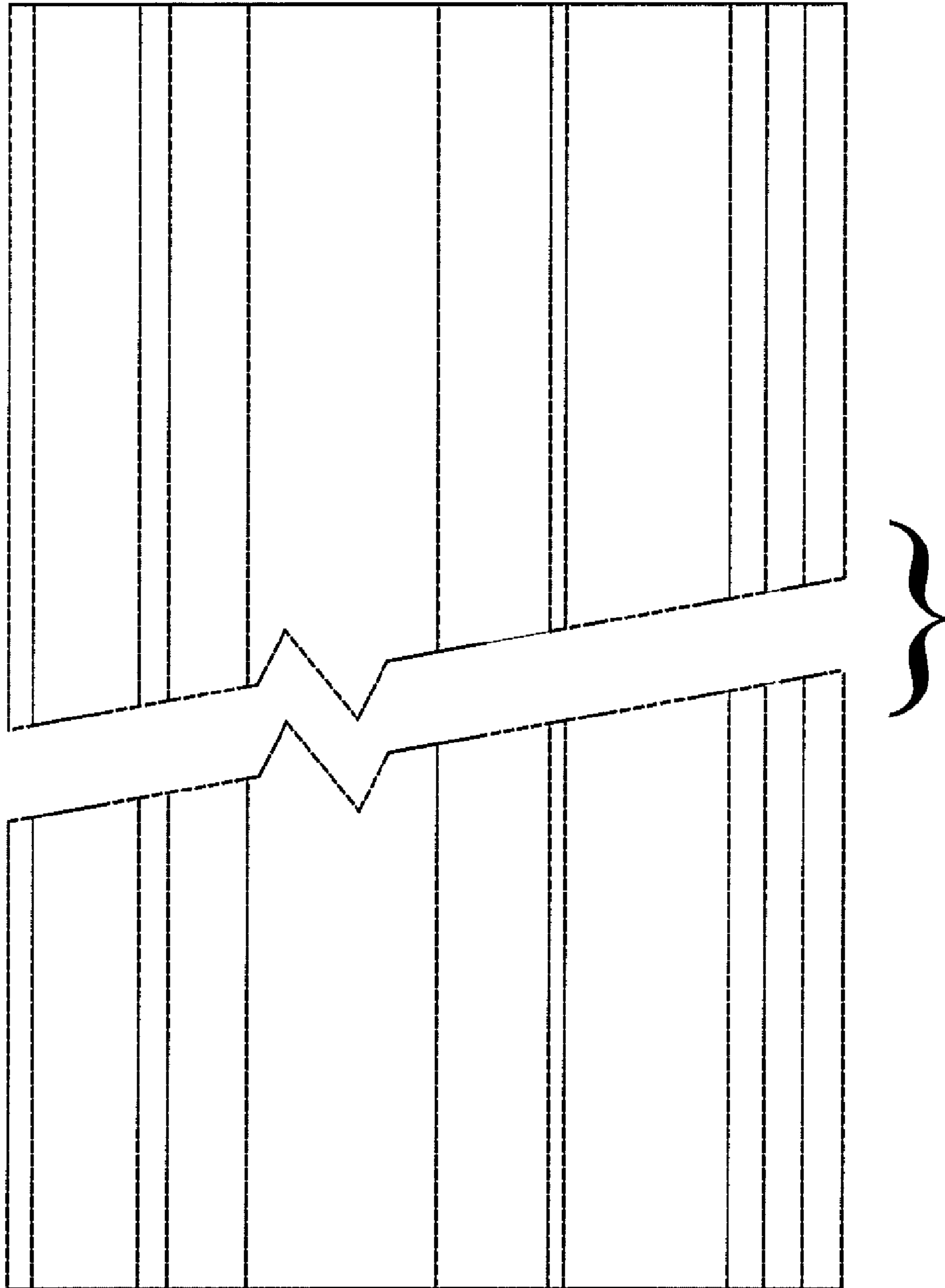


Figure 2

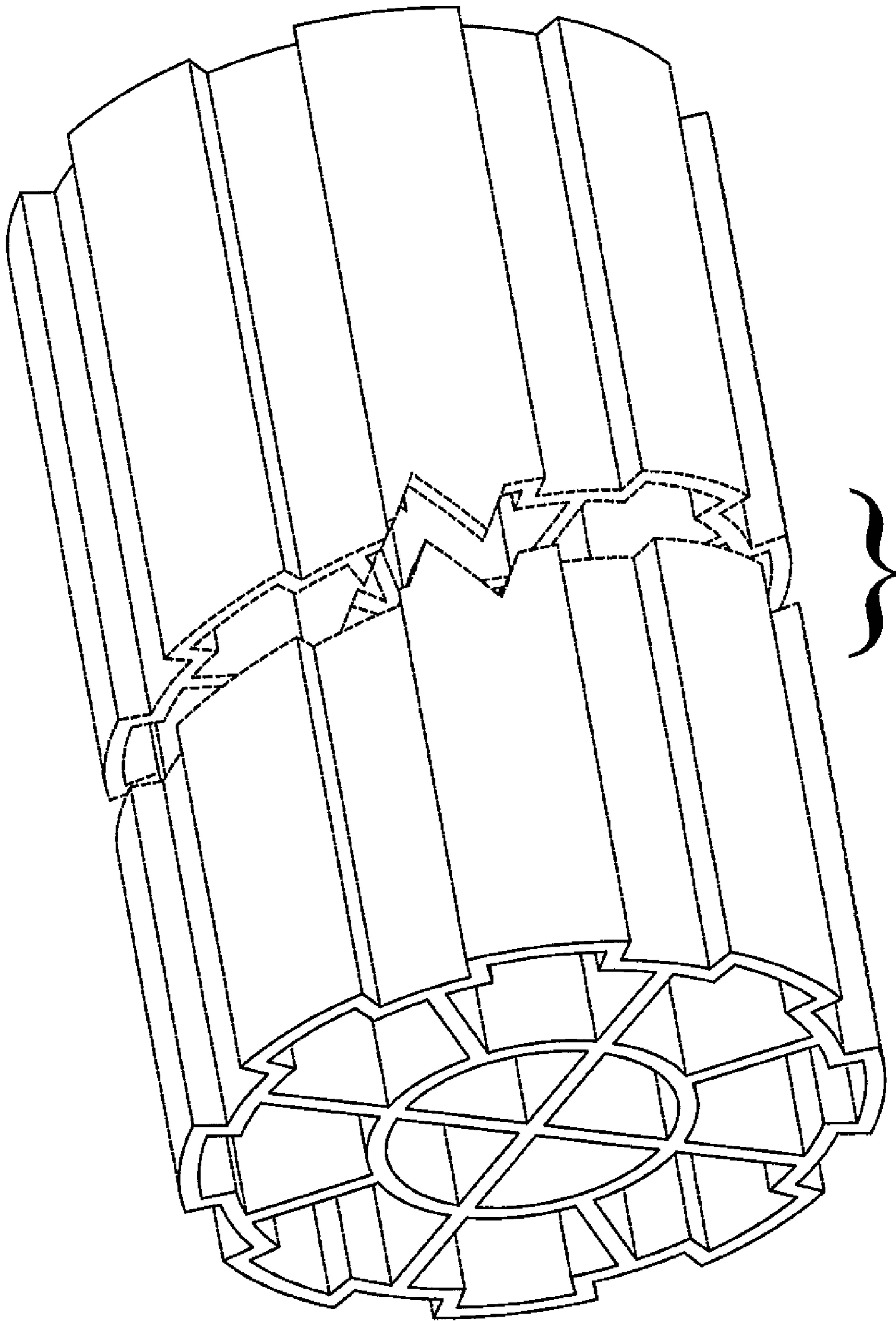


Figure 3

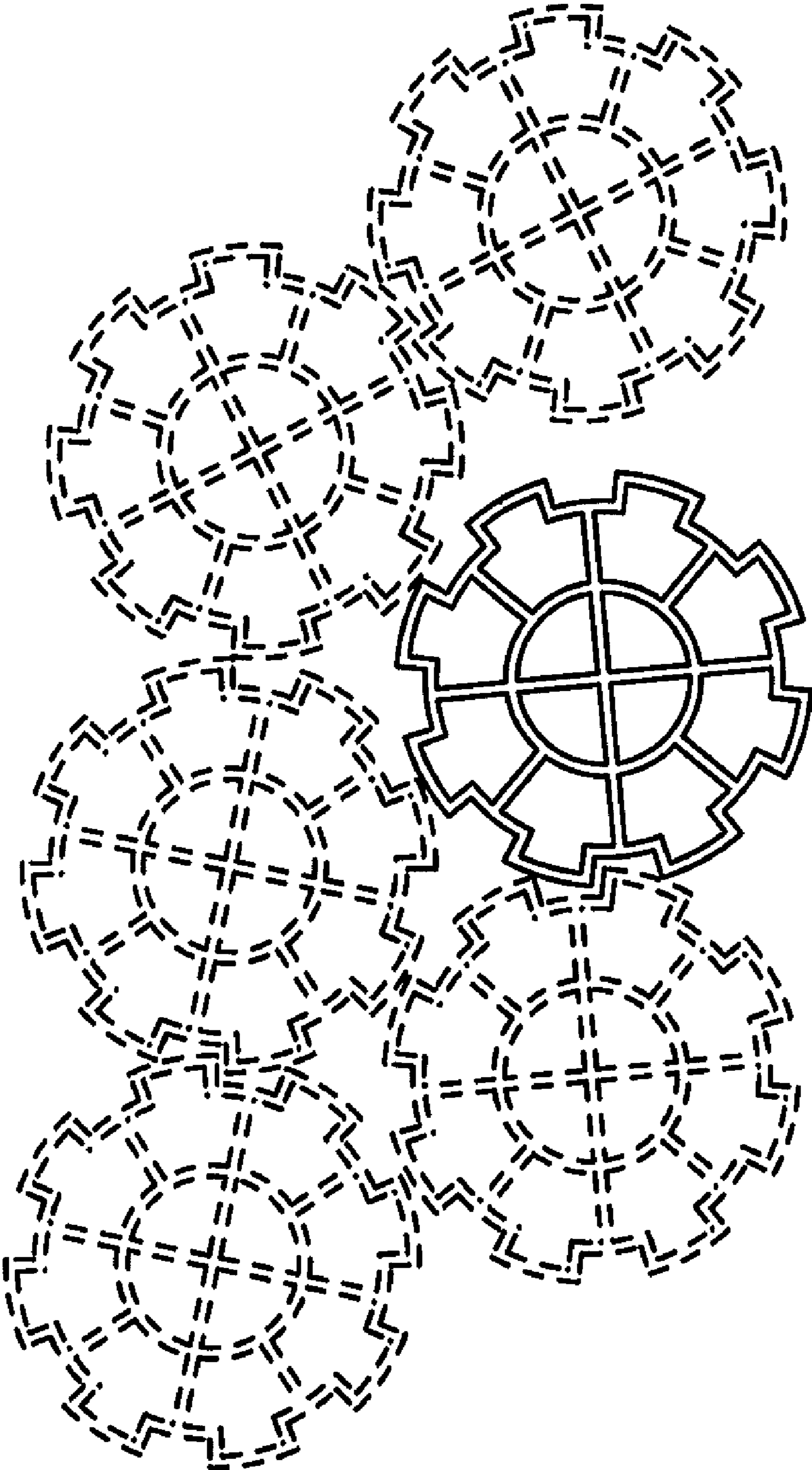


Figure 4

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 618,760 S
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INVENTOR(S) : Wayne J. Flournoy and Richard L. Pehrson

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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:

Title Pg, Item (63)

Related U.S. Application Data, please correct the Related U.S. Application Data in item number (63) with the following paragraph:

-- Continuation-in-part of application No. 29/321,003, filed on Jul. 9, 2008, now abandoned, which is a continuation of application No, 11/552,778, filed on Oct. 25, 2006, now abandoned, which claims priority to application No. 60/730,488, filed on Oct. 26, 2005, now expired. --

Signed and Sealed this

Tenth Day of August, 2010



David J. Kappos
Director of the United States Patent and Trademark Office