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

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(45) **Date of Patent:** **\*\* \*Apr. 13, 2010**

(54) **CURRENT TRANSDUCER**

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(73) Assignee: **Phoenix Contact GmbH & Co. KG**, Blomberg (DE)

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/334,350**

(22) Filed: **Mar. 25, 2009**

(51) **LOC (9) Cl.** ..... **13-02**

(52) **U.S. Cl.** ..... **D13/110**

(58) **Field of Classification Search** ..... D13/110, D13/101, 117, 123, 124, 159, 184, 199; D10/75; 73/767, 771, 779, 801, 811; 324/117 H, 324/120, 121 R, 127; 361/18, 30, 31, 93.1-93.9; 367/140; 369/13.11-13.13; 381/150; 336/173  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a current transducer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, left, top-side perspective view of the current transducer showing our new design;

FIG. 2 is a right side view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a front view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a bottom view thereof; and,

FIG. 7 is a top view thereof.

The broken line portion in the drawing views is included to show unclaimed subject matter only and forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**

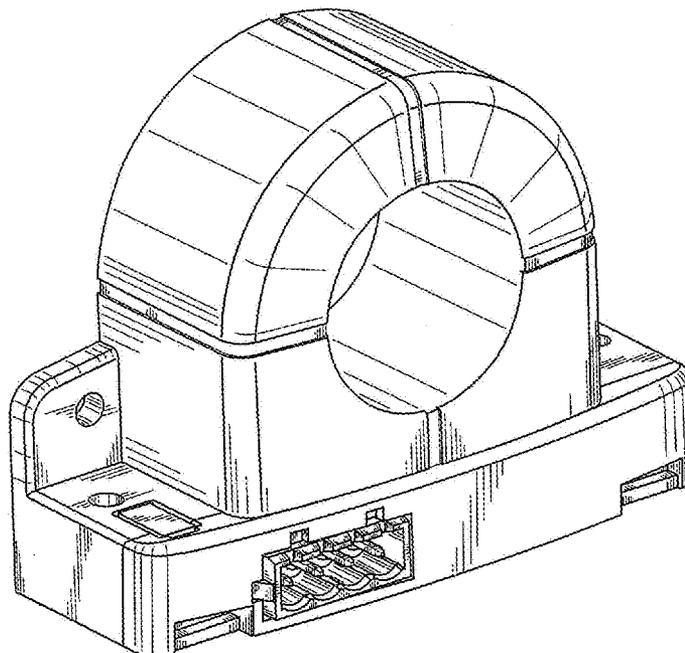


FIG. 1

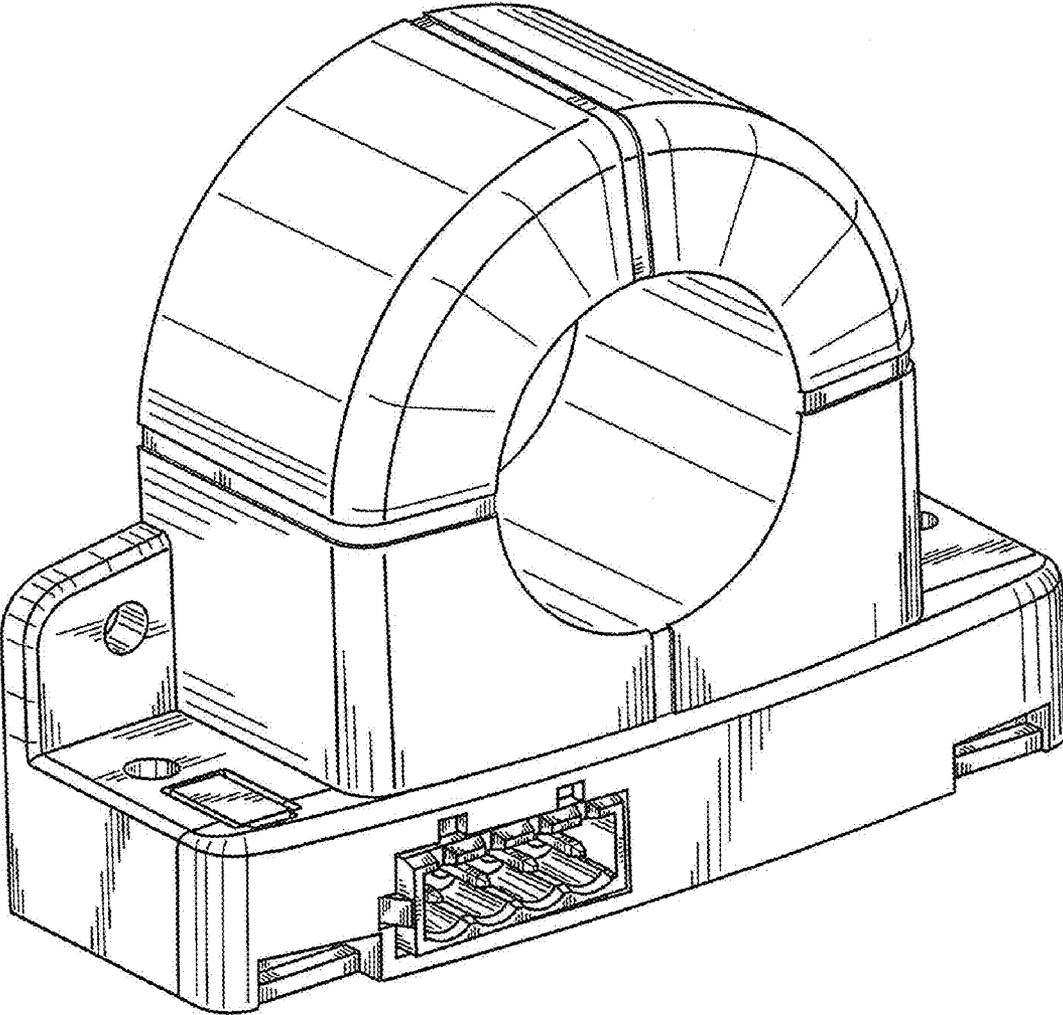


FIG. 2

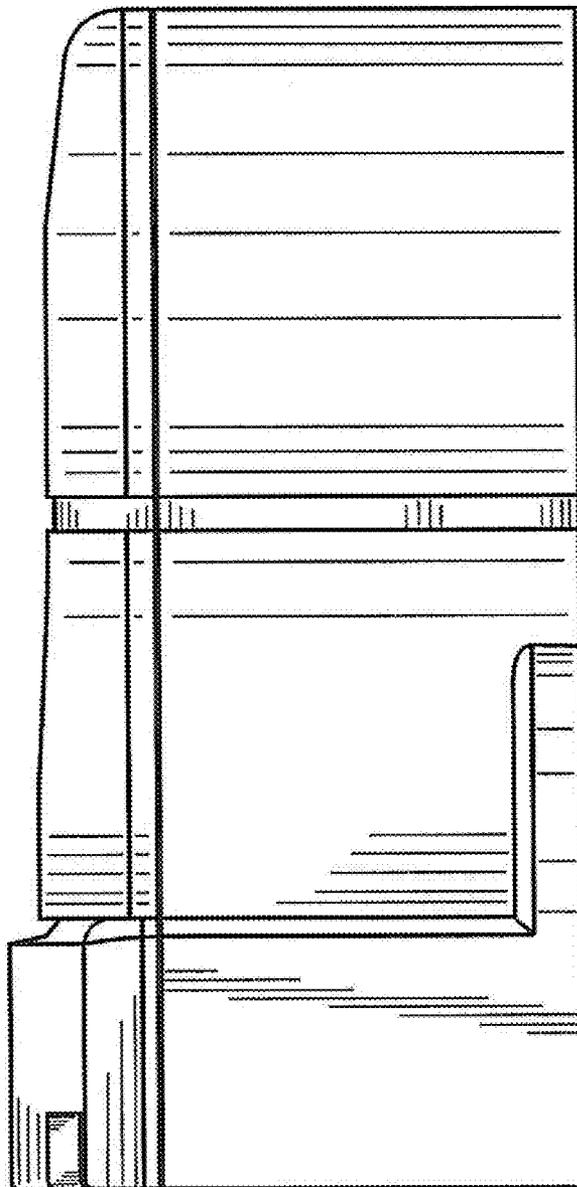


FIG. 3

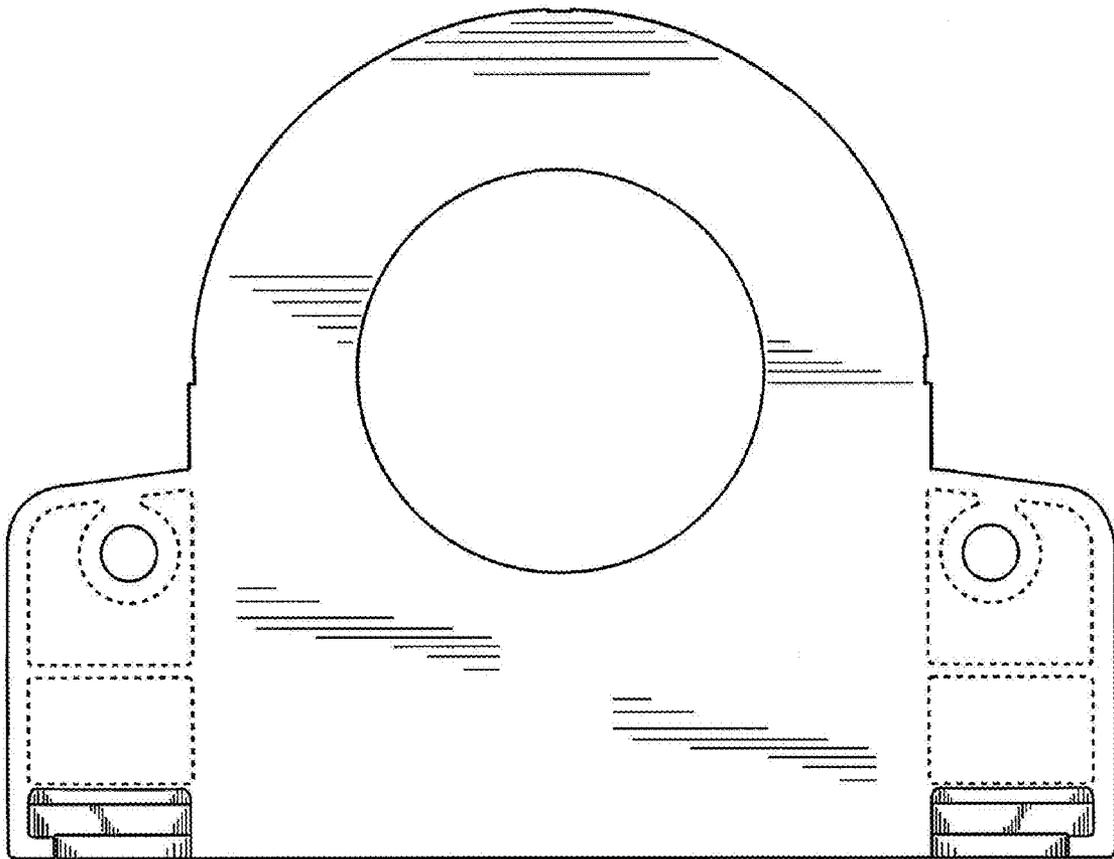
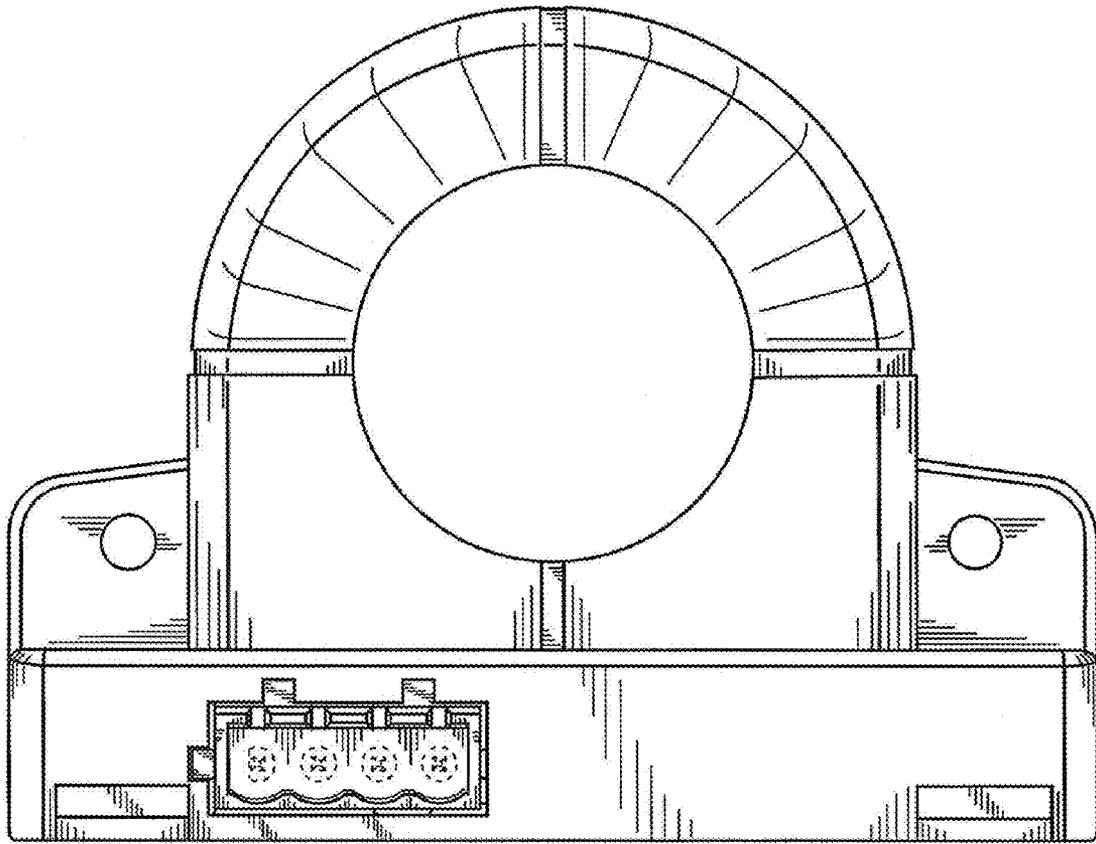


FIG. 4



# FIG. 5

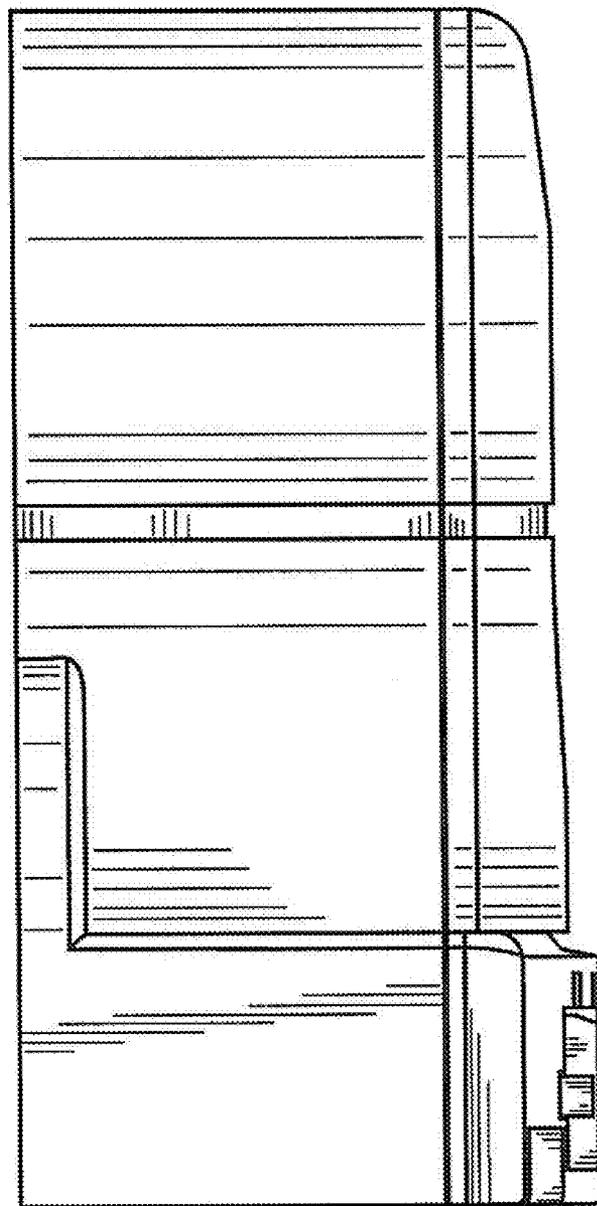


FIG. 6

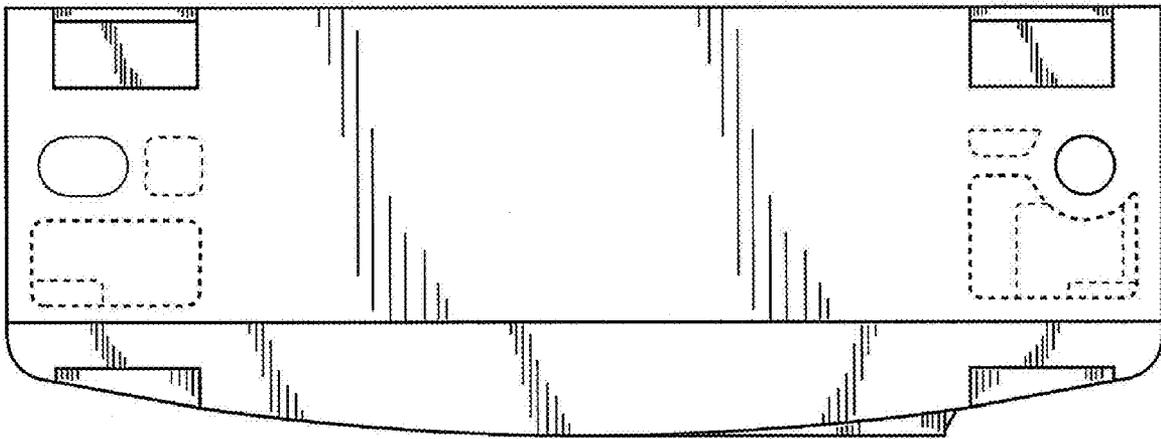


FIG. 7

