



US00D673667S

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

(10) **Patent No.:** **US D673,667 S**
(45) **Date of Patent:** **** Jan. 1, 2013**

(54) **COOLING TOWER FAN MOTOR**
(75) Inventors: **Robert McElveen**, Anderson, SC (US);
William E. Martin, Greenville, SC
(US); **Stephen T. Evon**, Easley, SC
(US); **Timothy Cain**, Taylors, SC (US)

4,465,946 A 8/1984 Springer
4,742,257 A 5/1988 Carpenter
4,786,833 A 11/1988 Knobel
4,839,547 A 6/1989 Lordo et al.
5,008,575 A 4/1991 Ishimoto et al.
(Continued)

(73) Assignee: **Baldor Electric Company**, Fort Smith,
AR (US)

FOREIGN PATENT DOCUMENTS

CZ 18242 2/2008

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

OTHER PUBLICATIONS

Fans Cooling Technologies, Product Catalogue, Jun. 2008, 2 pages.

(21) Appl. No.: **29/378,590**

(Continued)

(22) Filed: **Nov. 5, 2010**

Primary Examiner — Garth Rademaker

(51) **LOC (9) Cl.** **23-04**

(74) *Attorney, Agent, or Firm* — Thompson Coburn LLP

(52) **U.S. Cl.** **D23/370**

(58) **Field of Classification Search** D6/309;
D13/179; D23/370-386, 411-414; 165/80.3,
165/120-122, 900; 310/12.13, 26, 52, 58,
310/60 A, 60 R, 61-65, 112, 125, 156.35-156.37,
310/157, 211, 261.1, 266, 268; 361/679.48,
361/694-697; 392/365, 373, 382, 383; 415/60,
415/66, 68, 175-178, 206, 208.1, 211.2,
415/213.1, 214.1, 215.1; 416/179, 185, 186 R,
416/187, 244 R, 246, 247 R

(57) **CLAIM**

The ornamental design for a cooling tower fan motor, as shown and described.

See application file for complete search history.

DESCRIPTION

(56) **References Cited**

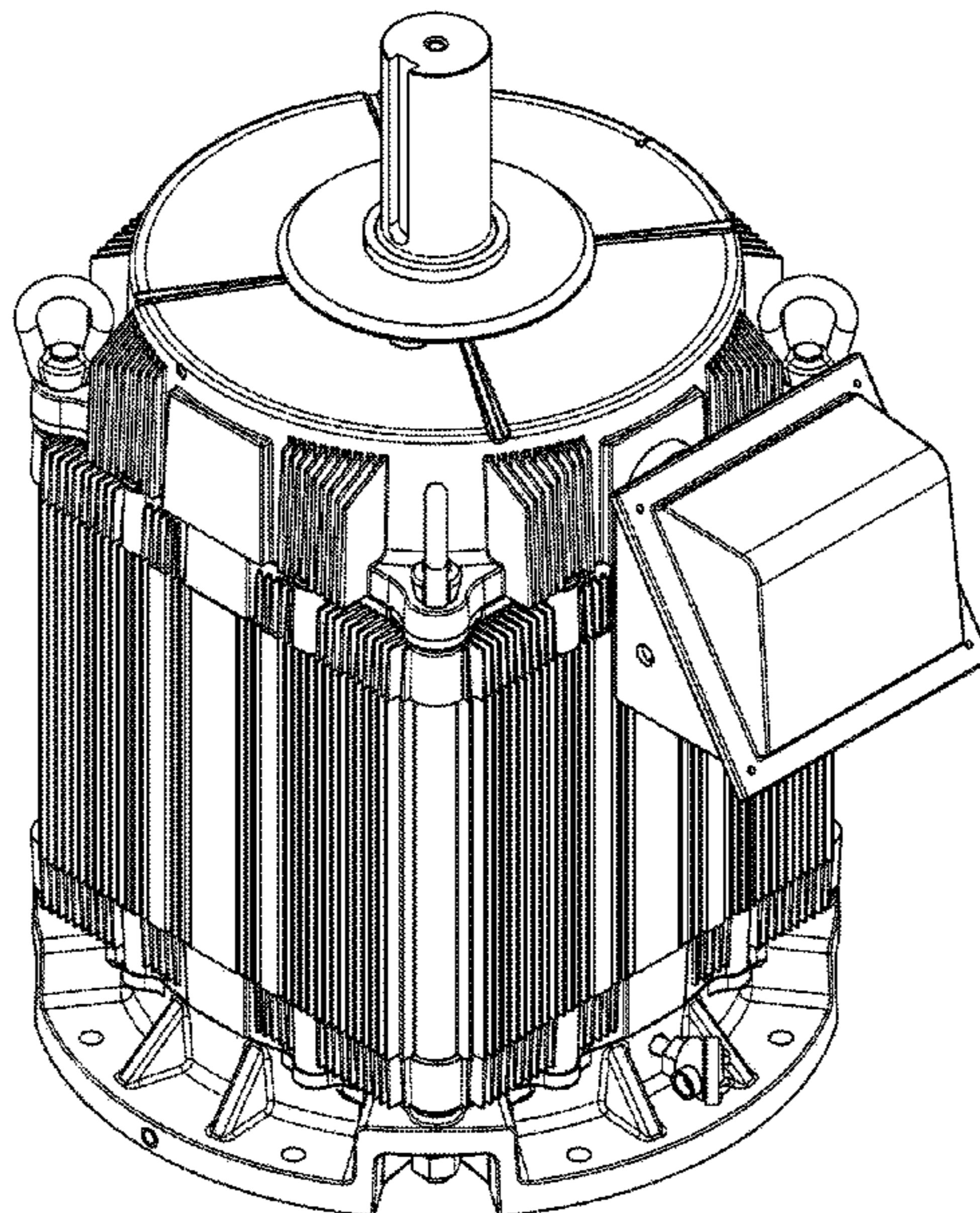
U.S. PATENT DOCUMENTS

D142,342 S 8/1945 De Flon et al.
3,635,588 A * 1/1972 Lester et al. 416/244 R
3,903,217 A 9/1975 Heneby et al.
4,103,192 A 7/1978 Wendt et al.
4,105,905 A 8/1978 Barcus
D253,783 S 12/1979 Engalitcheff, Jr.
D254,149 S 2/1980 Engalitcheff, Jr.
4,415,824 A 11/1983 Meier
D273,414 S 4/1984 Sinek

FIG. 1 is a perspective view of a cooling tower fan motor showing our new design;
FIG. 2 is a left side view of the cooling tower fan motor of FIG. 1;
FIG. 3 is a right side view of the cooling tower fan motor of FIG. 1;
FIG. 4 is a front view of the cooling tower fan motor of FIG. 1;
FIG. 5 is a rear view of the cooling tower fan motor of FIG. 1;
FIG. 6 is a top view of the cooling tower fan motor of FIG. 1;
and,
FIG. 7 is a bottom view of the cooling tower fan motor of FIG. 1.

The broken lines depict portions of the cooling tower fan motor which form no part of the claimed design.

1 Claim, 7 Drawing Sheets



US D673,667 S

Page 2

U.S. PATENT DOCUMENTS

D318,515 S 7/1991 Oswalt
5,630,461 A 5/1997 CoChimin
7,402,932 B2 7/2008 Applegate
D576,941 S * 9/2008 Evon et al. D13/112
D593,512 S * 6/2009 Lin D13/179
D594,963 S 6/2009 McElveen et al.
7,683,510 B2 3/2010 Pellegrino
7,687,945 B2 3/2010 Matin et al.
D626,519 S * 11/2010 Yao D13/179
7,902,699 B2 * 3/2011 Pellegrino 310/52
D636,862 S * 4/2011 McElveen et al. D23/370
7,919,895 B2 * 4/2011 Verhoeven 310/211

2006/0055254 A1* 3/2006 Pellegrino 310/58
2006/0066155 A1* 3/2006 Matin et al. 310/52
2008/0252155 A1* 10/2008 Waddell et al. 310/58
2010/0045228 A1 2/2010 Rollins et al.
2010/0150748 A1 6/2010 McElveen et al.
2011/0074254 A1* 3/2011 Critchley et al. 310/60 R

OTHER PUBLICATIONS

McElveen, Robert et al., Co-Pending U.S. Appl. No. 29/329,492
entitled "Cooling Tower Fan Motor", filed Dec. 16, 2008.

* cited by examiner

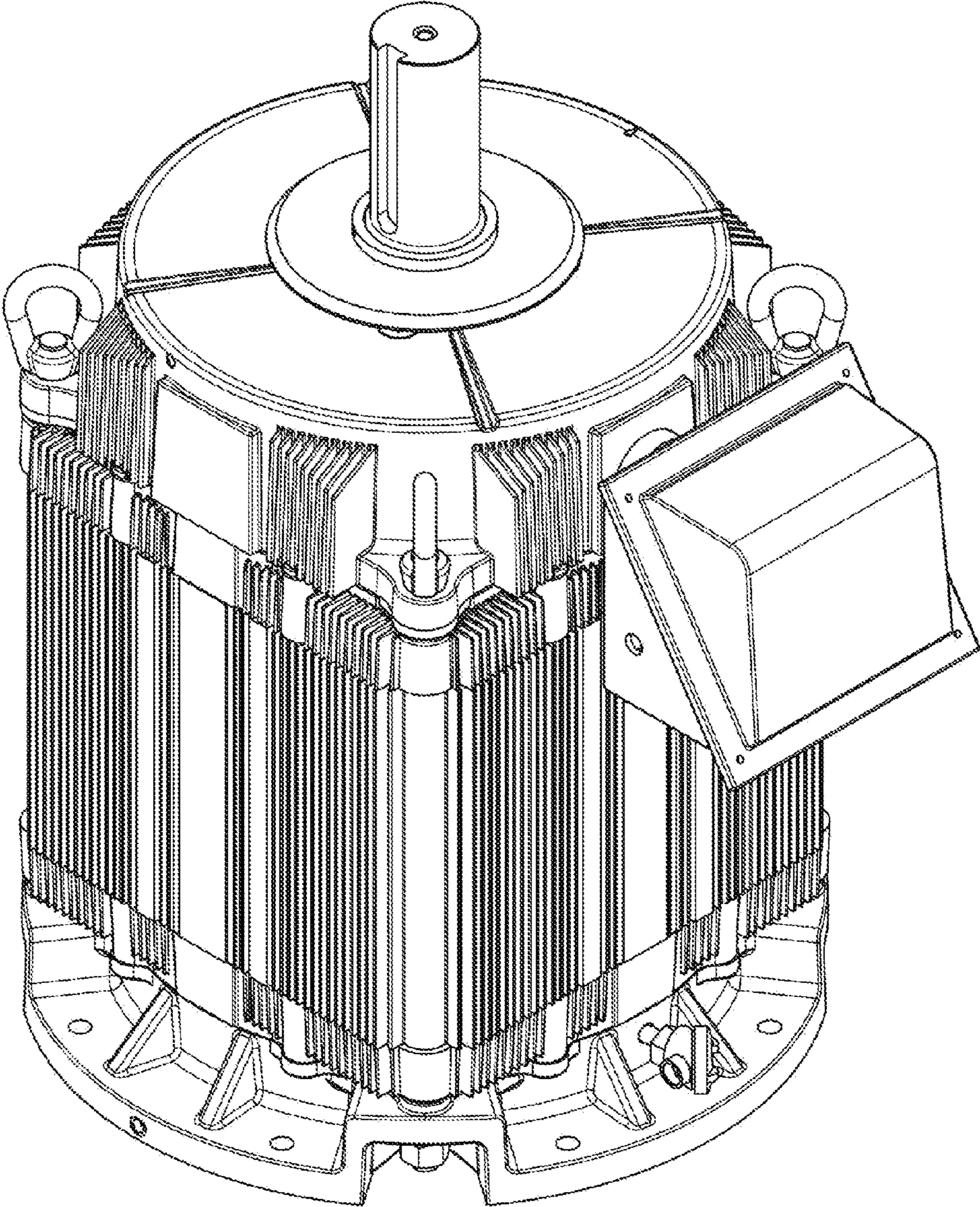


FIG. 1

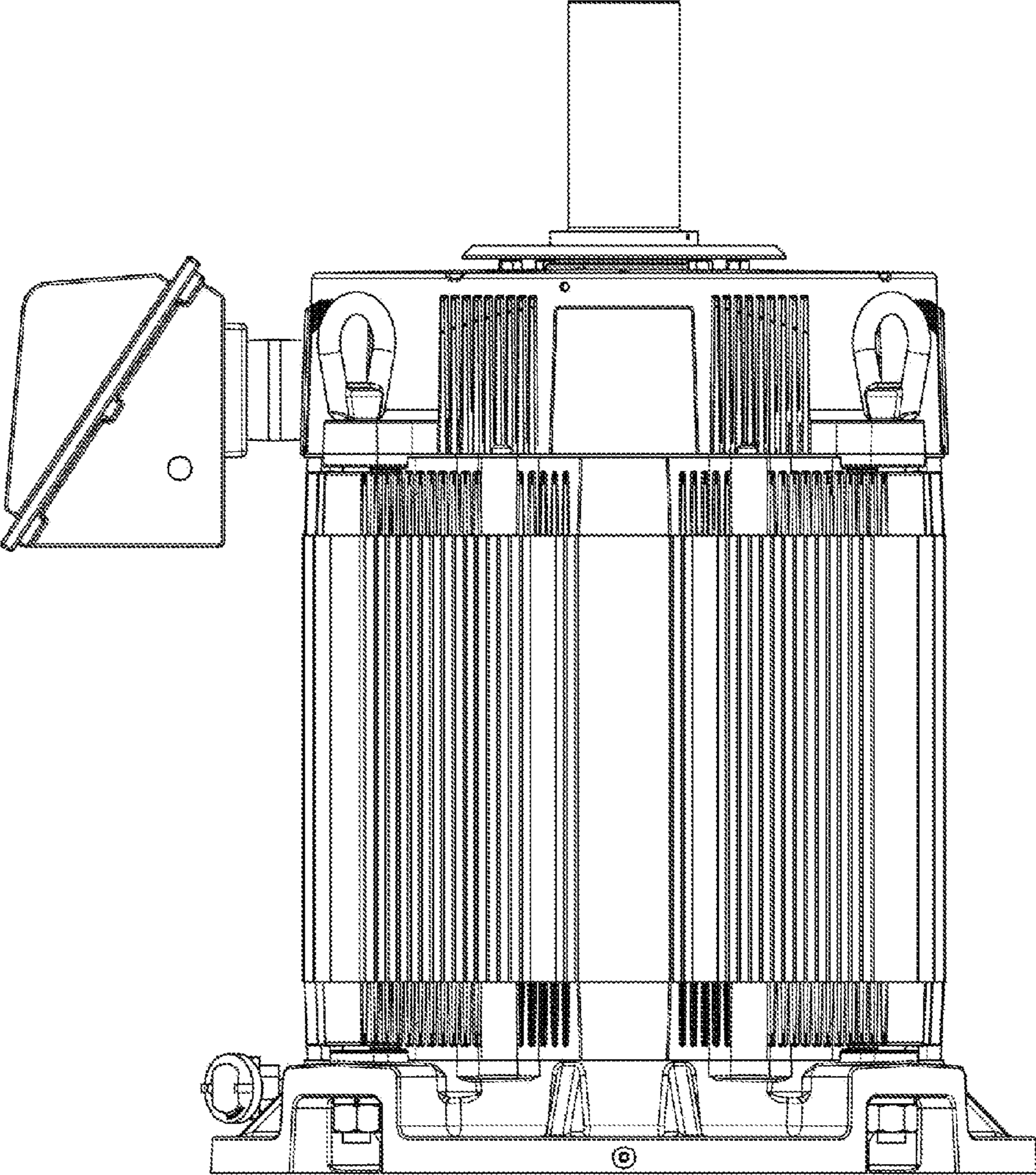


FIG. 2

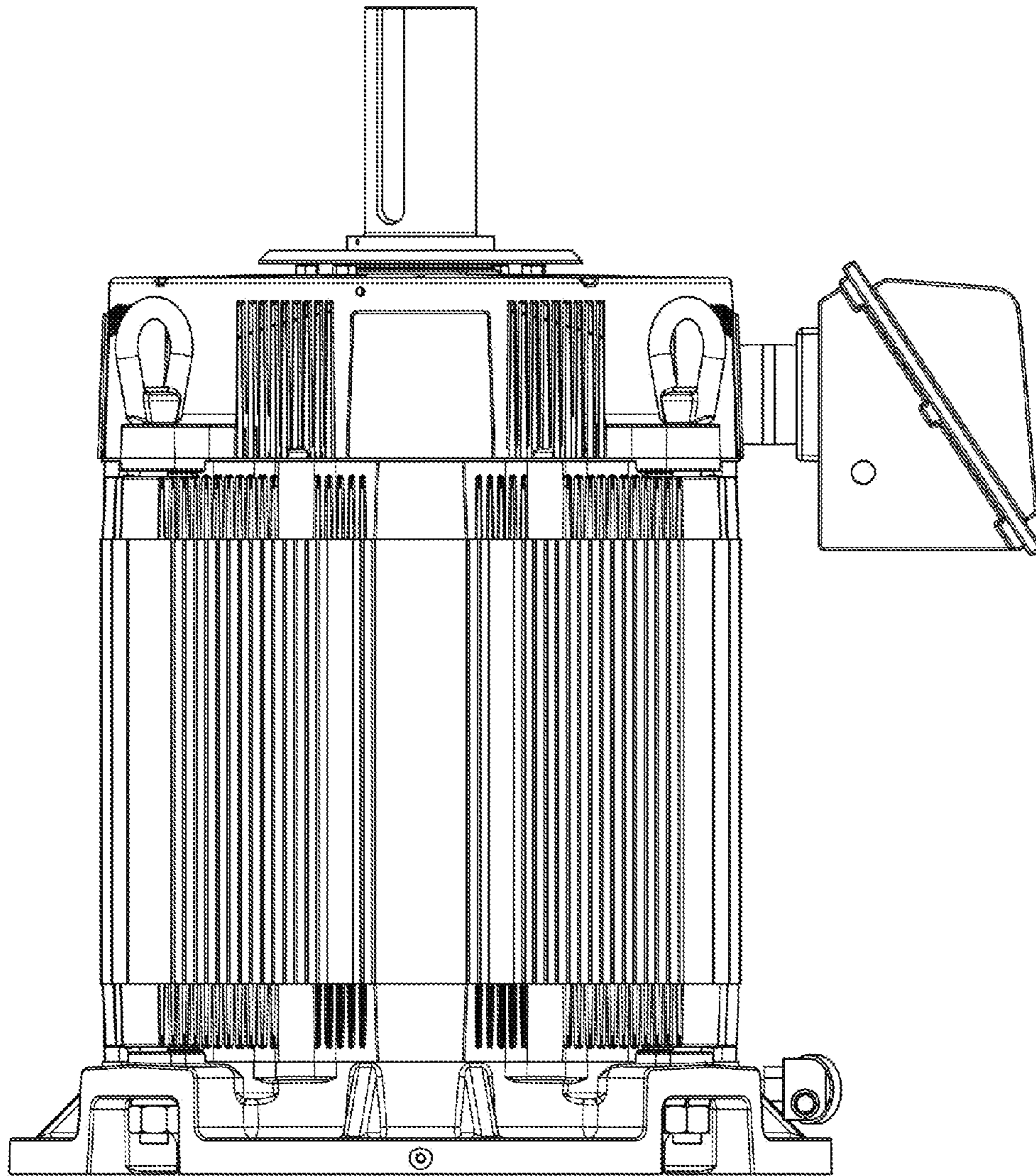


FIG. 3

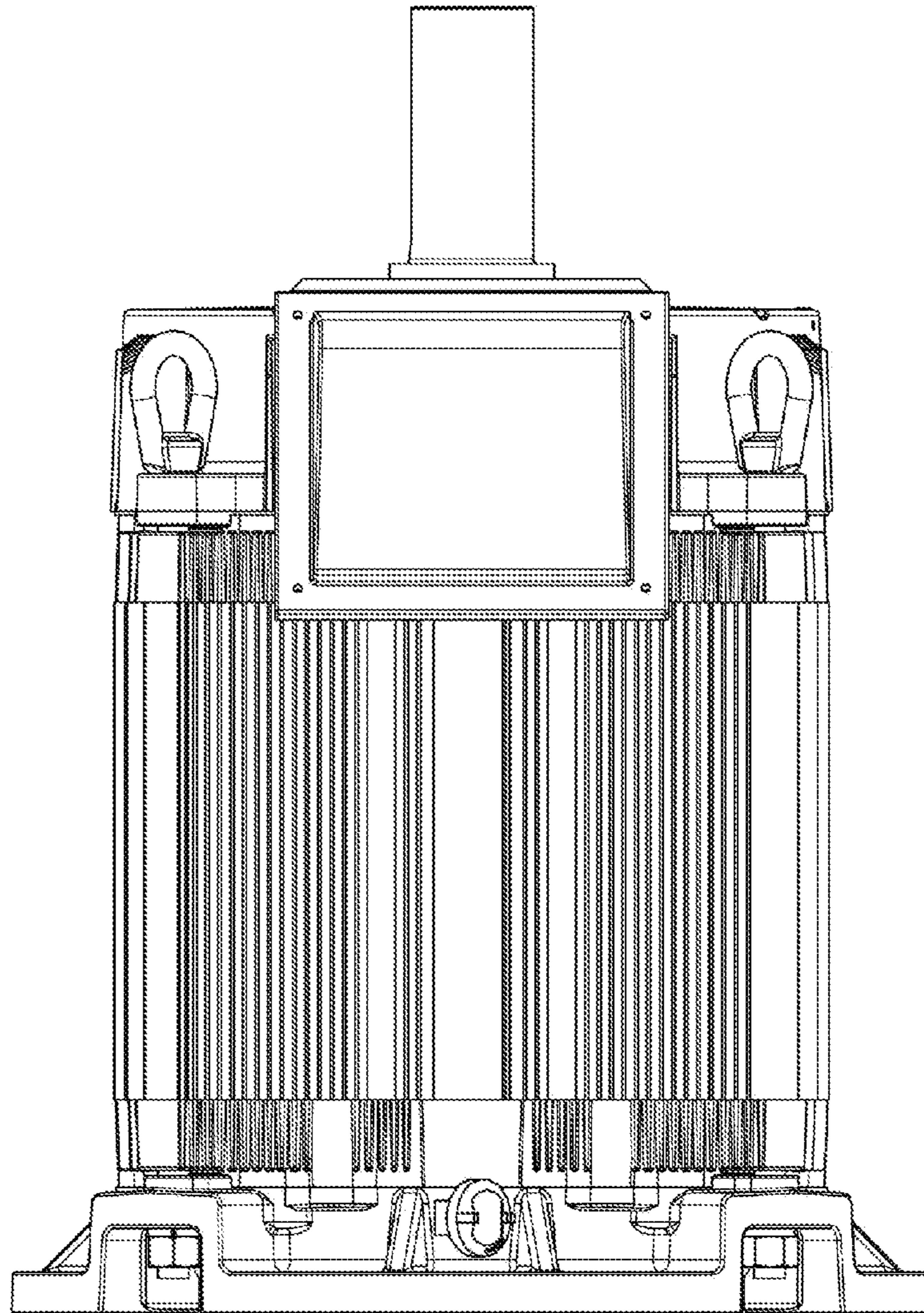


FIG. 4

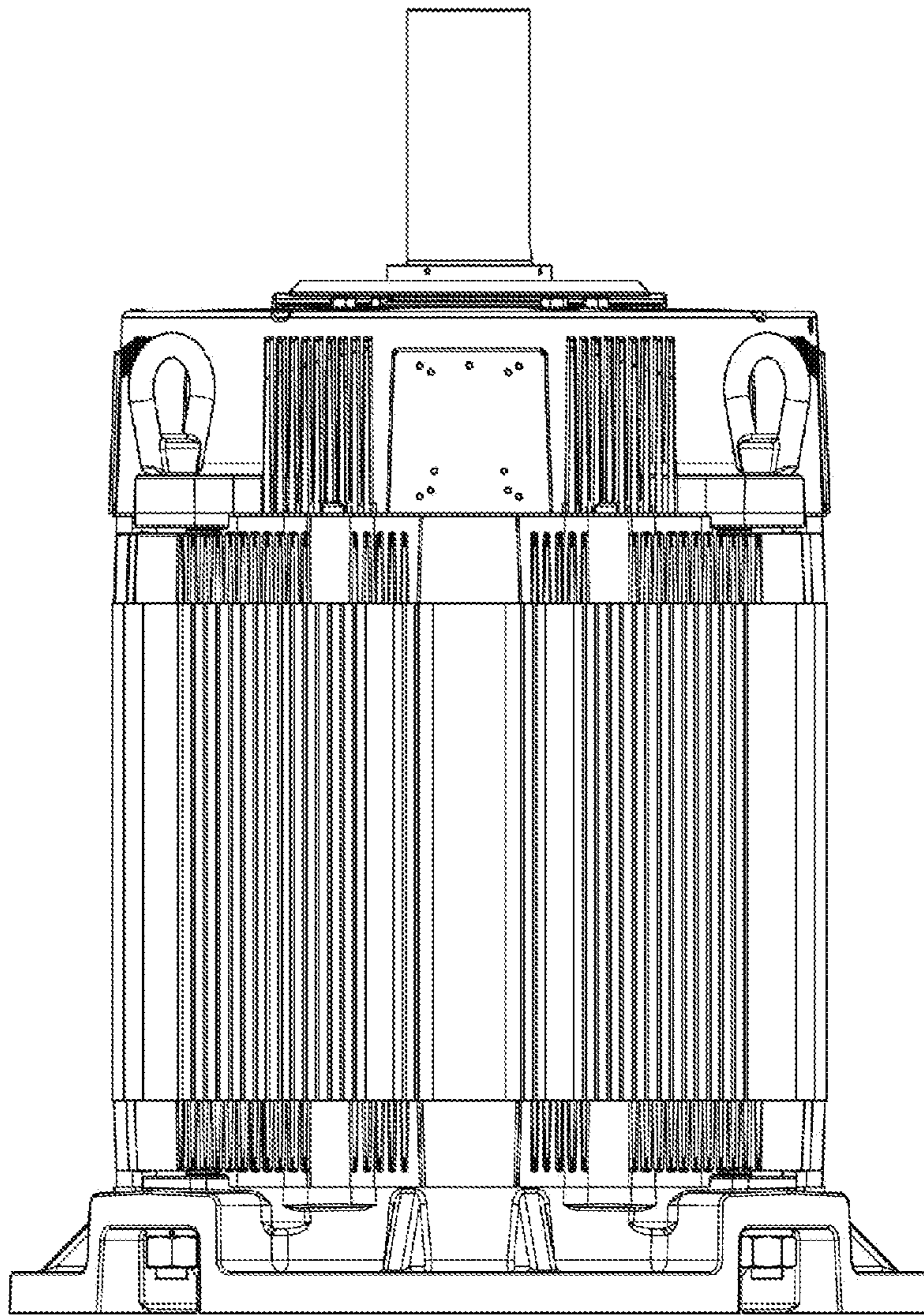


FIG. 5

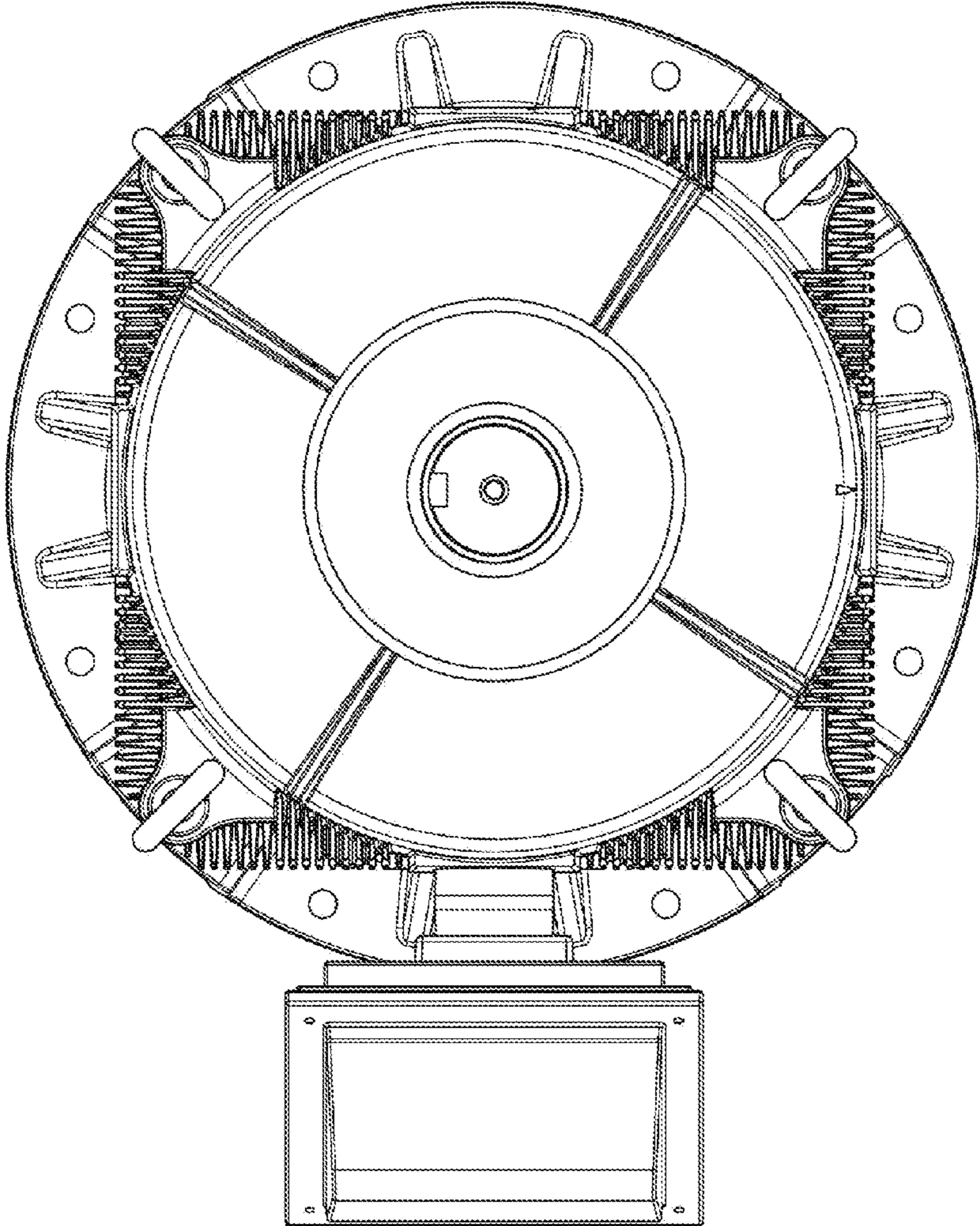


FIG. 6

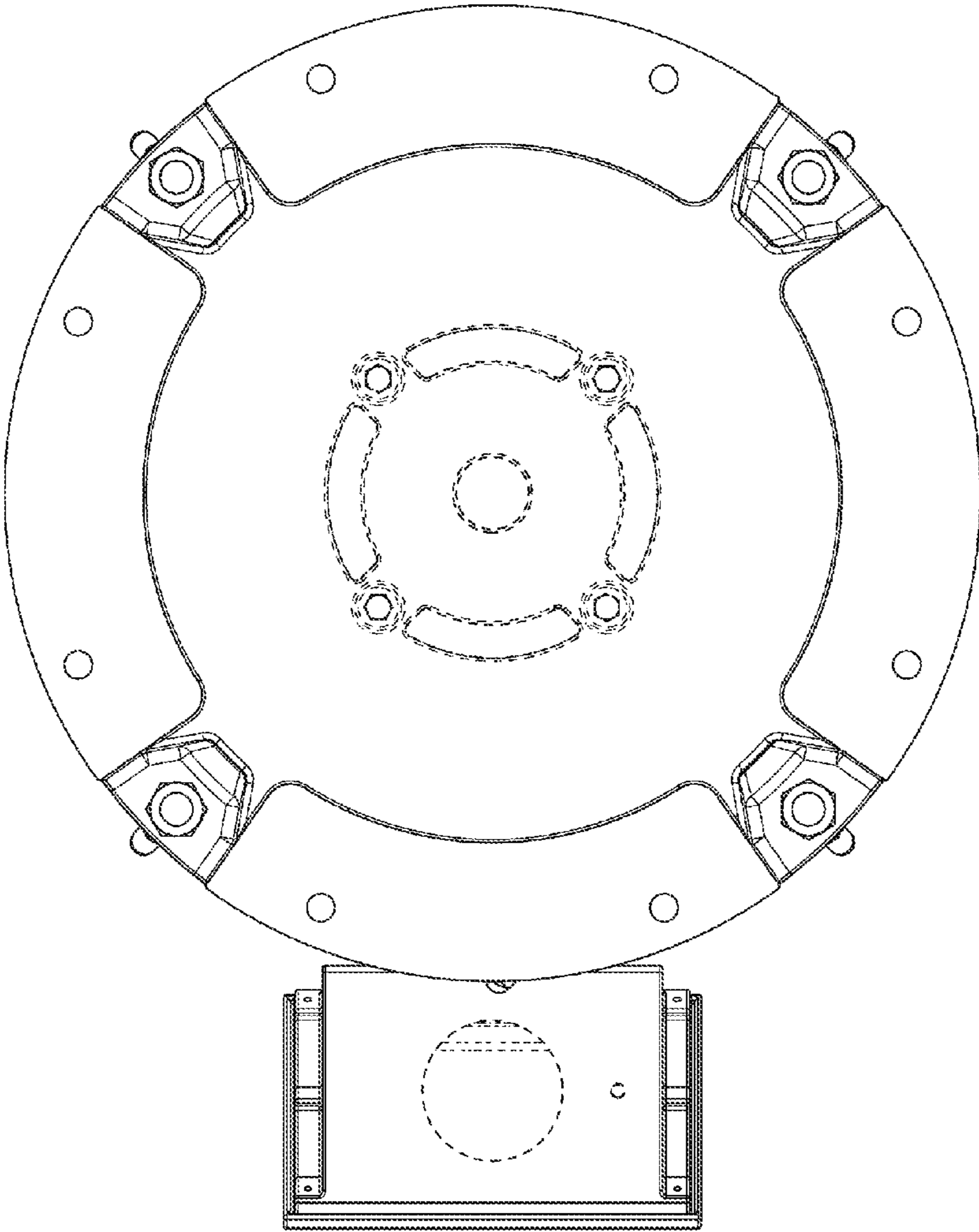


FIG. 7