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

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(45) **Date of Patent:** **** Sep. 24, 2002**

(54) **ELECTROMAGNETIC POWDER CLUTCH**

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* cited by examiner

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

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(21) Appl. No.: **29/150,210**

(57) **CLAIM**

(22) Filed: **Nov. 14, 2001**

The ornamental design for an electromagnetic powder clutch, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Jun. 29, 2001 (JP) 2001-019065

(51) **LOC (7) Cl.** **12-16**

(52) **U.S. Cl.** **D12/180**

(58) **Field of Search** D12/180; 188/722, 188/727, 728, 70 B, 111, 156, 138, 162, 344; 210/136, 304, 305

FIG. 1 is a front, top and left side perspective view of an electromagnetic powder clutch, showing our new design; FIG. 2 is a rear, top and left side perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a top plan view thereof, the bottom plan view is omitted as that is symmetrical to the top plan view thereof; and, FIG. 6 is a right side elevational view thereof, the left side elevational view is omitted as that is symmetrical to the right side elevational view thereof.

(56) **References Cited**

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1 Claim, 3 Drawing Sheets

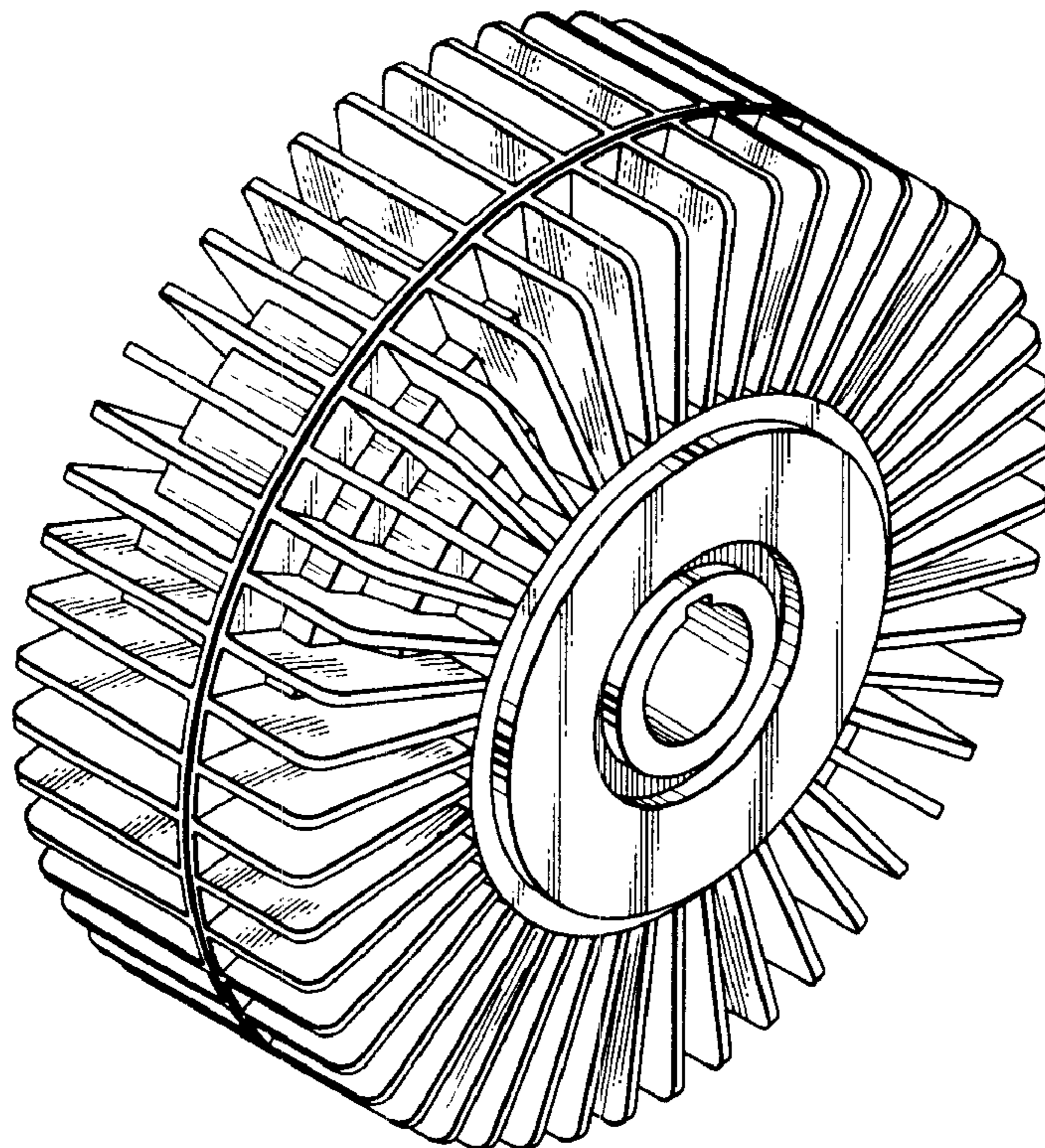


FIG. 1

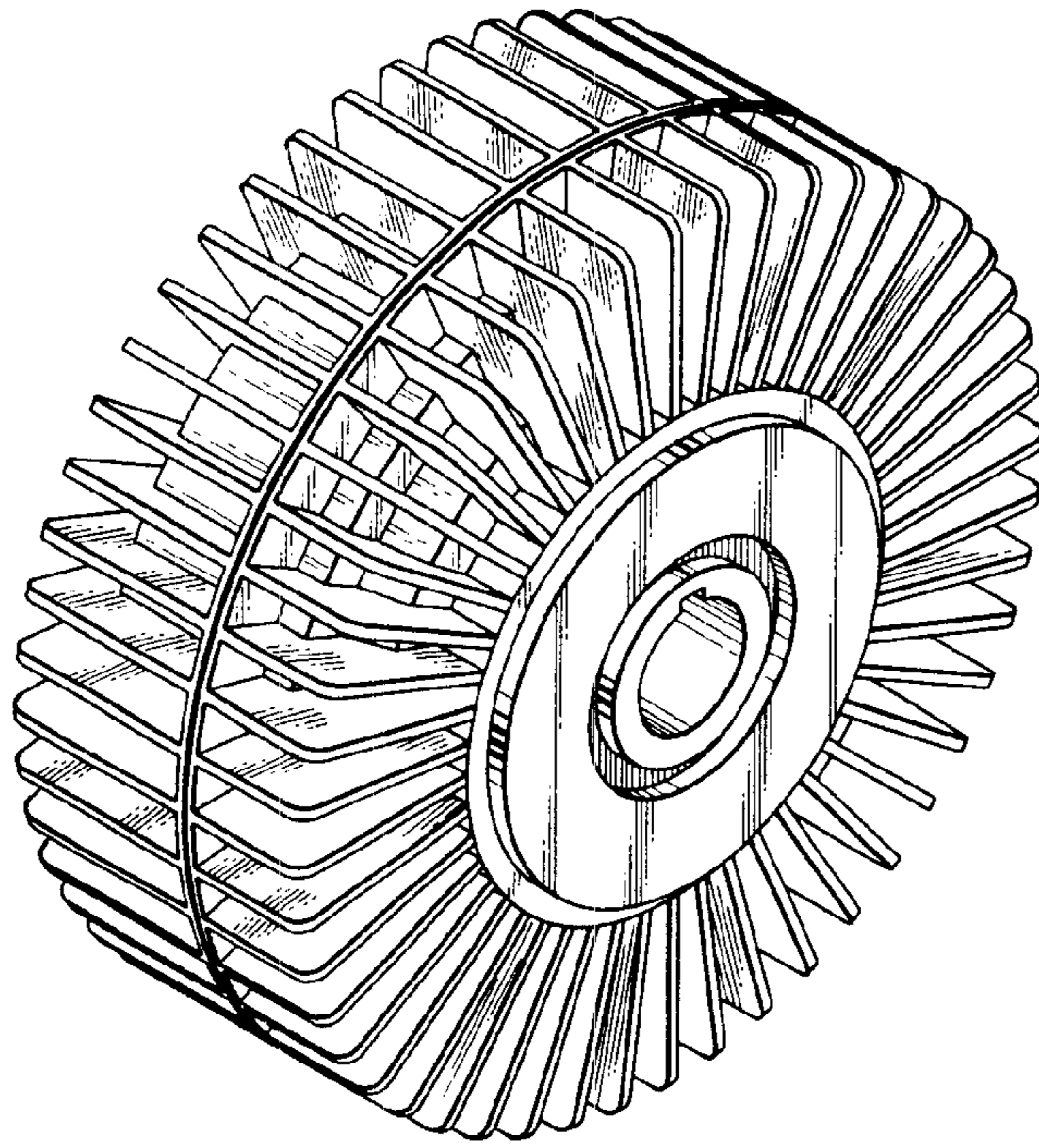


FIG. 2

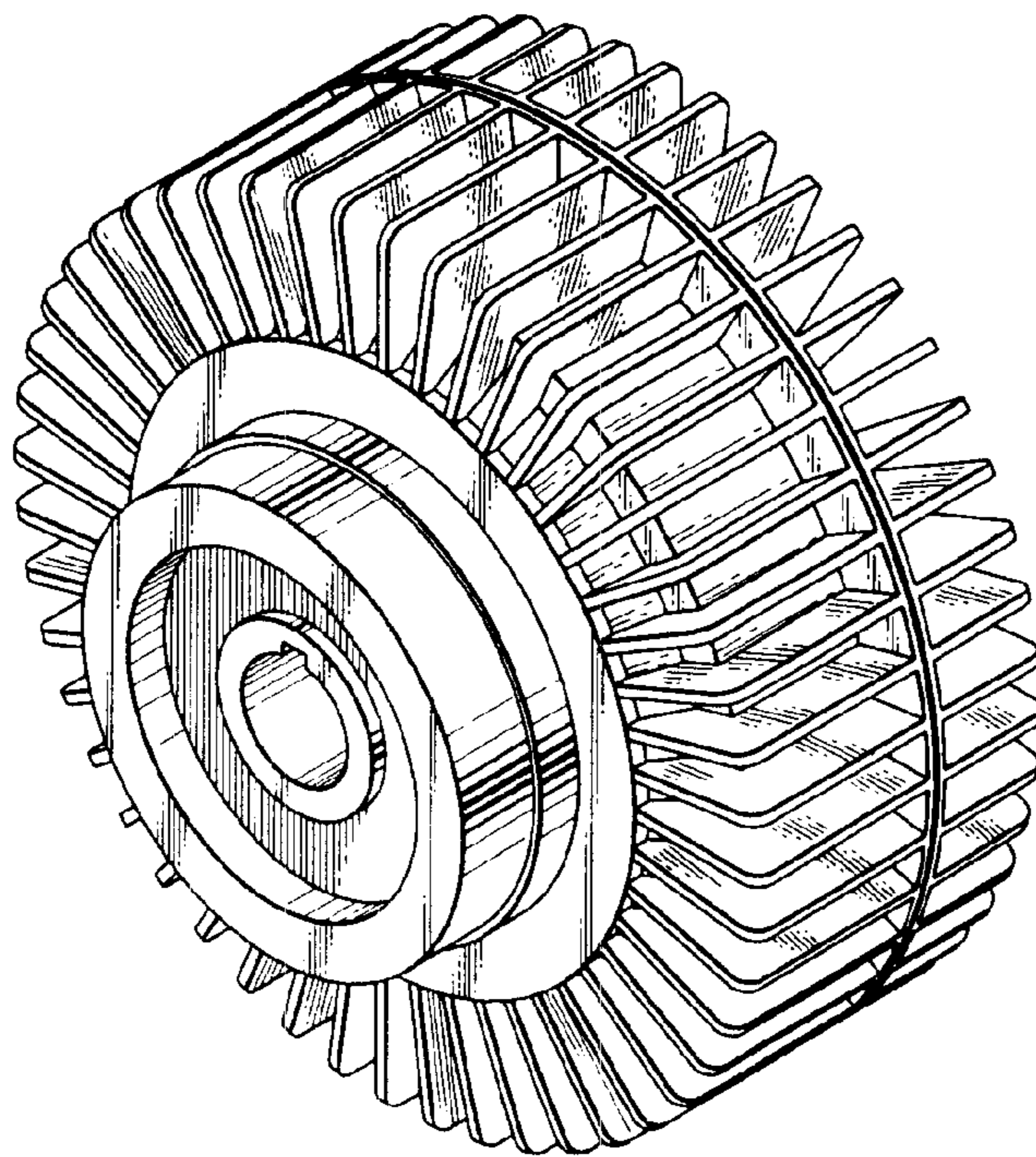


FIG. 3

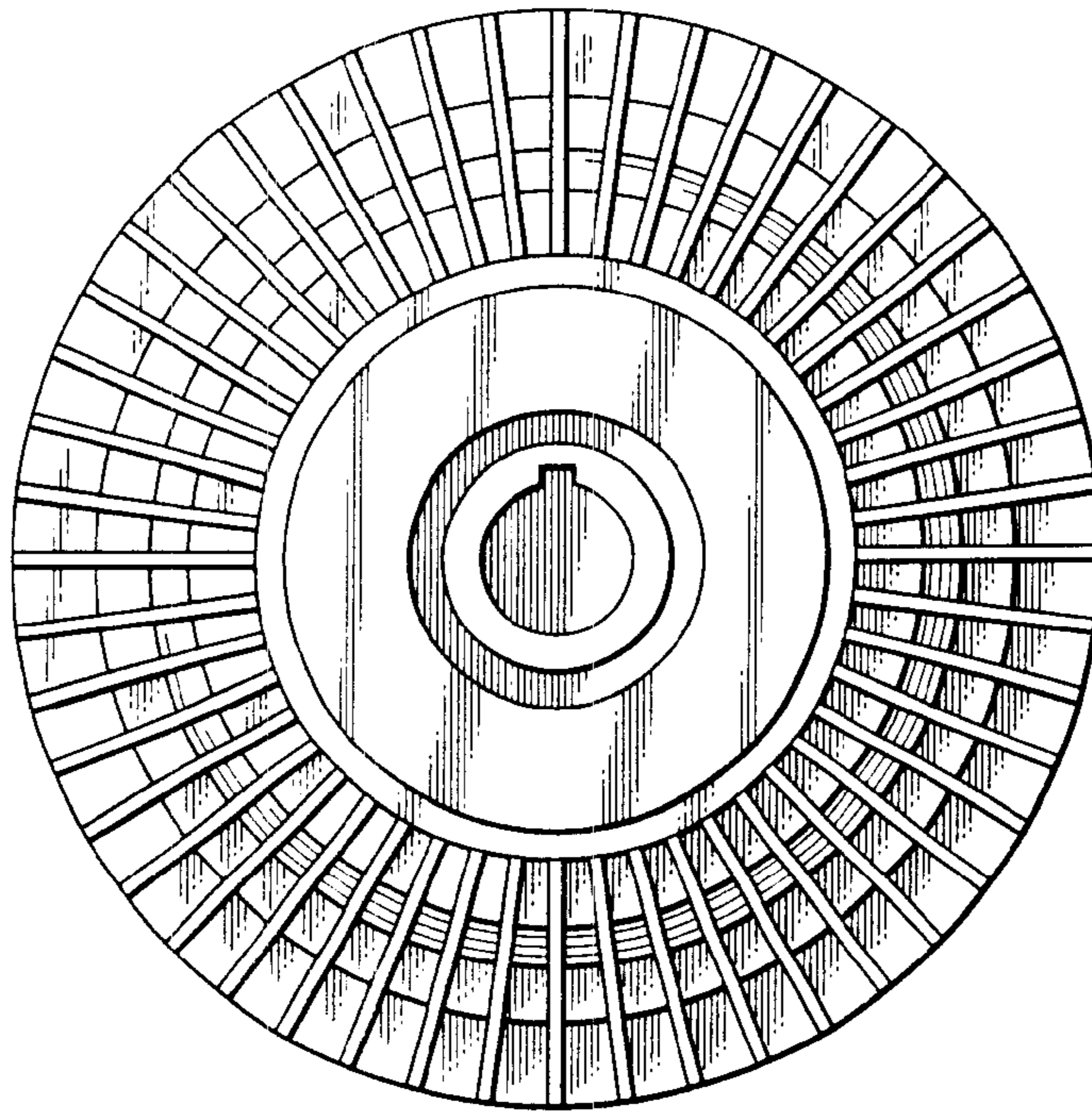


FIG. 4

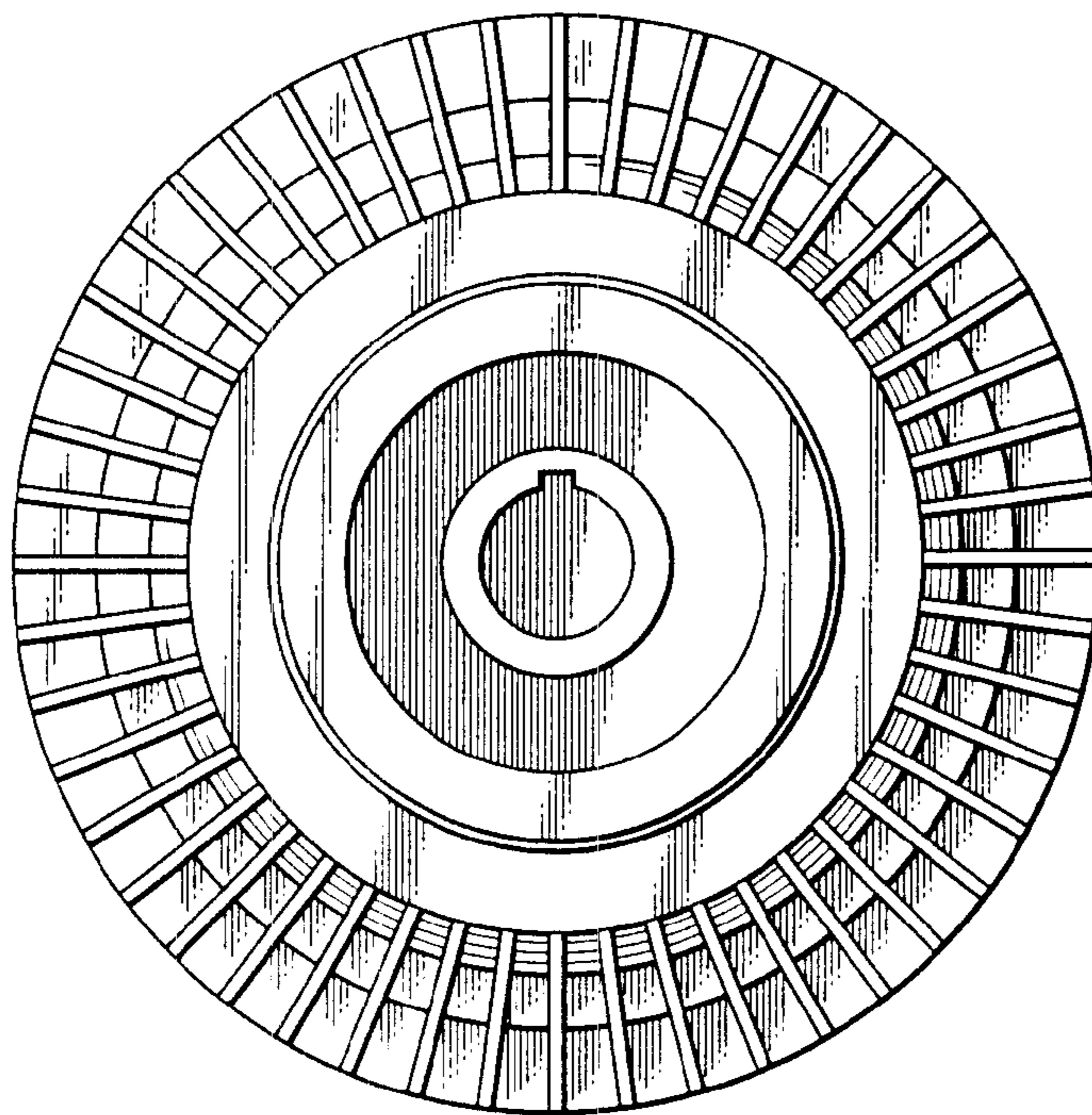


FIG. 5

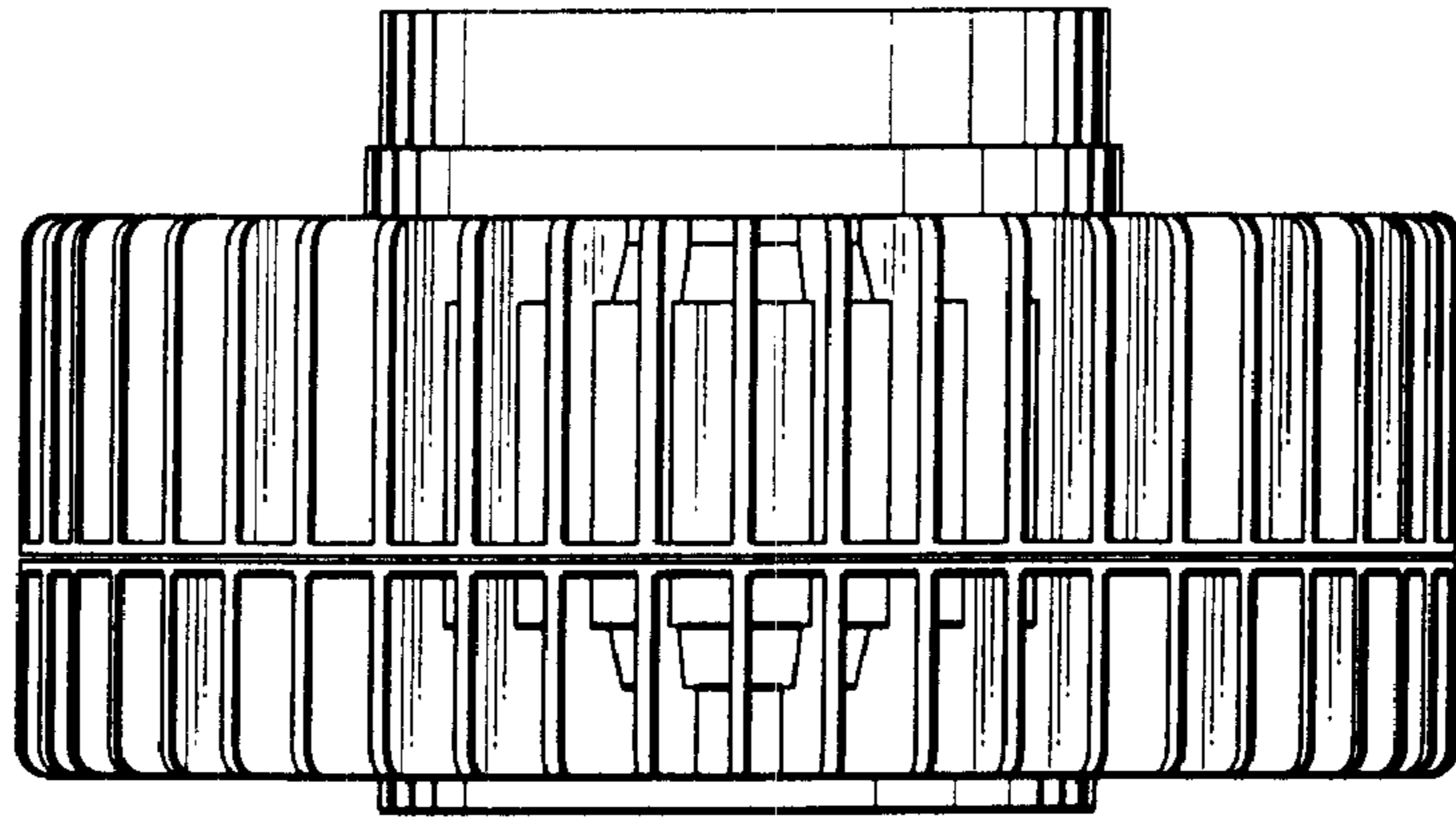


FIG. 6

