



US00D403335S

United States Patent [19]

[11] **Patent Number: Des. 403,335**

Arfele et al.

[45] **Date of Patent: **Dec. 29, 1998**

[54] **FOUR BLADE DRILL BIT**

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[73] Assignee: **Dresser Industries, Inc.**, Houston, Tex.

[**] Term: **14 Years**

[21] Appl. No.: **80,142**

[22] Filed: **Dec. 1, 1997**

[51] **LOC (6) Cl. 15-09**

[52] **U.S. Cl. D15/139**

[58] **Field of Search** D15/139; 175/379, 175/385, 393, 418, 420.1, 421, 430, 427, 431, 432; 299/29

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Catalogue/Brochure pages: "A Strong Line of Natural Diamond and PDC Bits." Smith Diamond. Admitted prior art.

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Catalogue/Brochure pages: "Cut Drilling Costs 40 Percent or More with a Strata Bit PDC Bit Tailored to the Formation." Strata Bit. Admitted prior art.

Catalogue/Brochure page: "The Fast Track to the Bottom Line," p. 8. Strata Bit. Admitted prior art.

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Catalogue/Brochure pages: "Nortrak Navigation Drilling Systems," pp. 4-5. Nortrak. Admitted prior art.

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Catalogue/Brochure pages: "Technical Data." Eastman Christensen. Admitted prior art.

Catalogue/Brochure pages: Rock Digger 15, et al. Admitted prior art.

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Catalogue/Brochure page: "PD-7 Rotary and Motor Bit; PD-11 Rotary Bit; PD-11X2 Rotary Bit." Admitted prior art.

(List continued on next page.)

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[57] **CLAIM**

The ornamental design for a four blade drill bit, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a four blade drill bit showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a right side elevational view thereof;

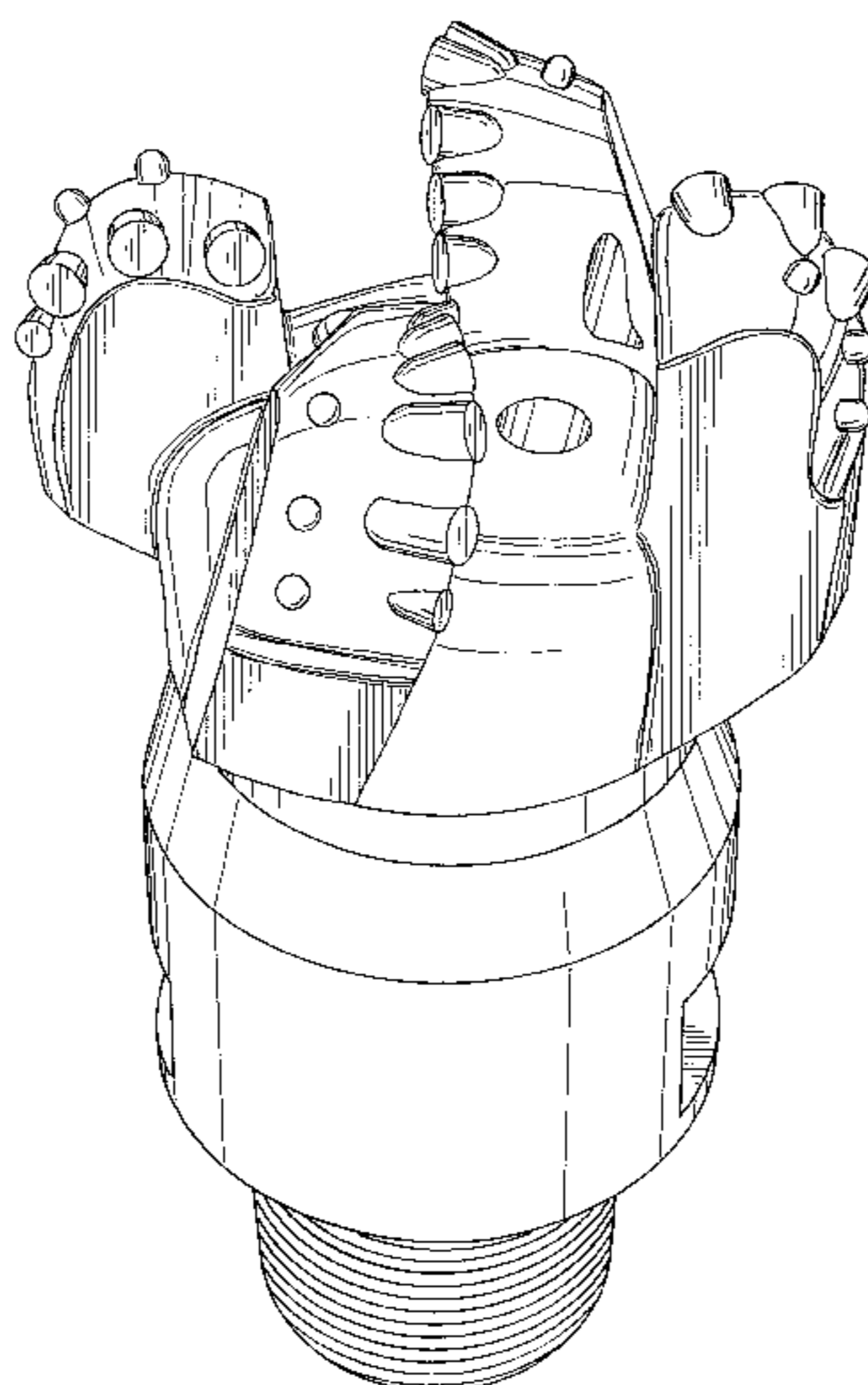
FIG. 4 is a left side elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a bottom plan view thereof; and,

FIG. 7 is a top, front, left side perspective view thereof.

1 Claim, 6 Drawing Sheets



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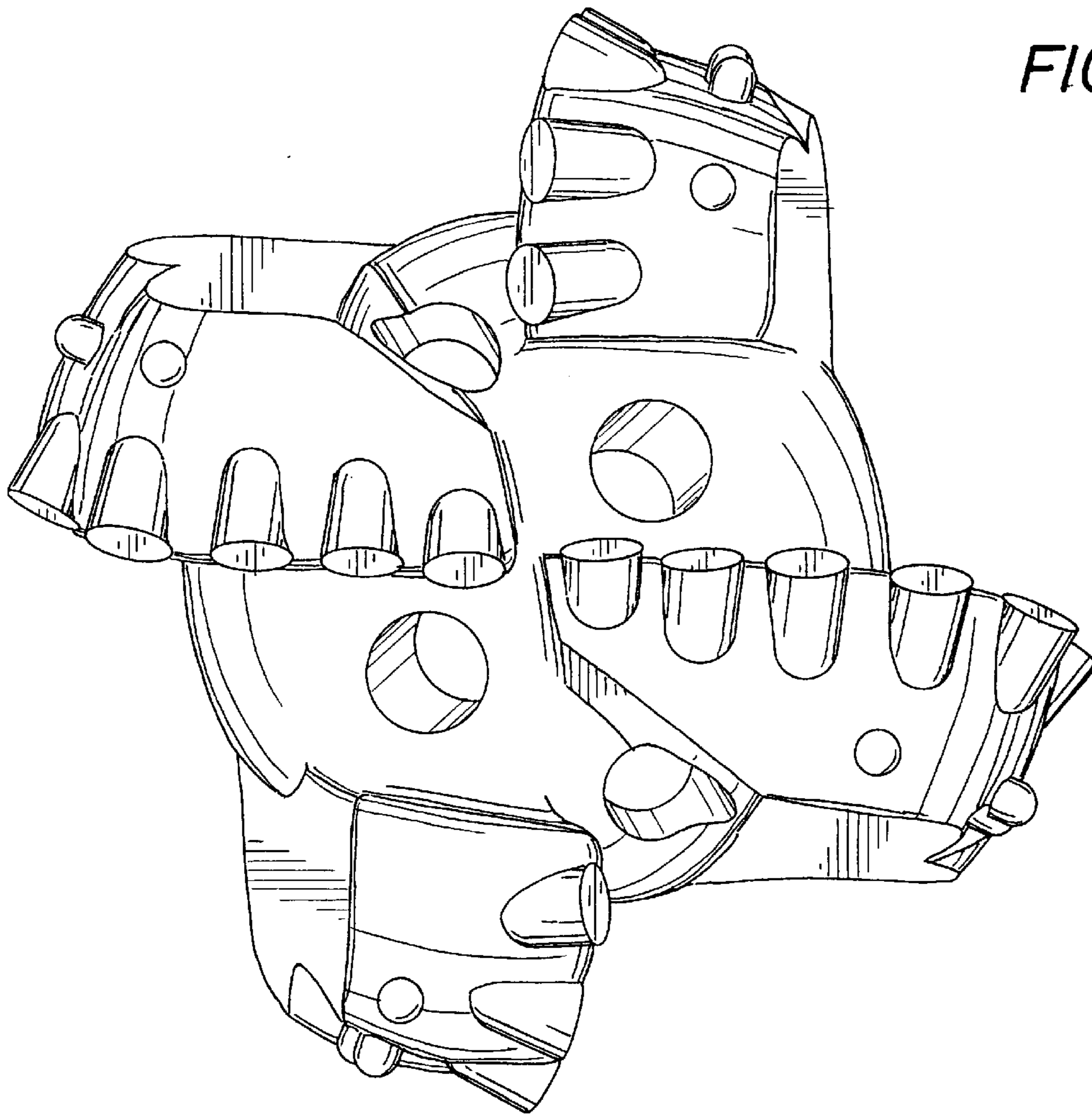


FIG. 1

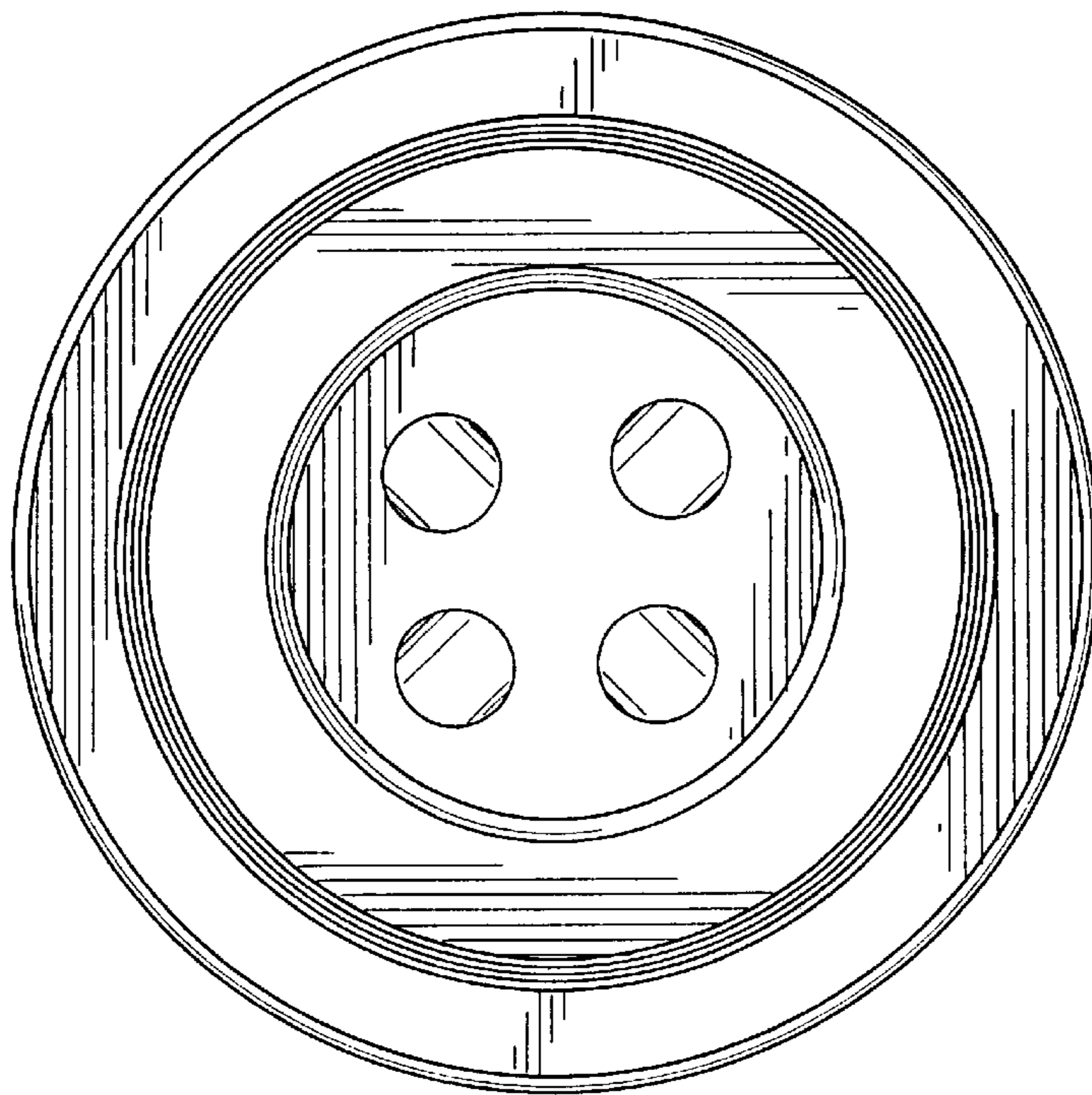


FIG. 6

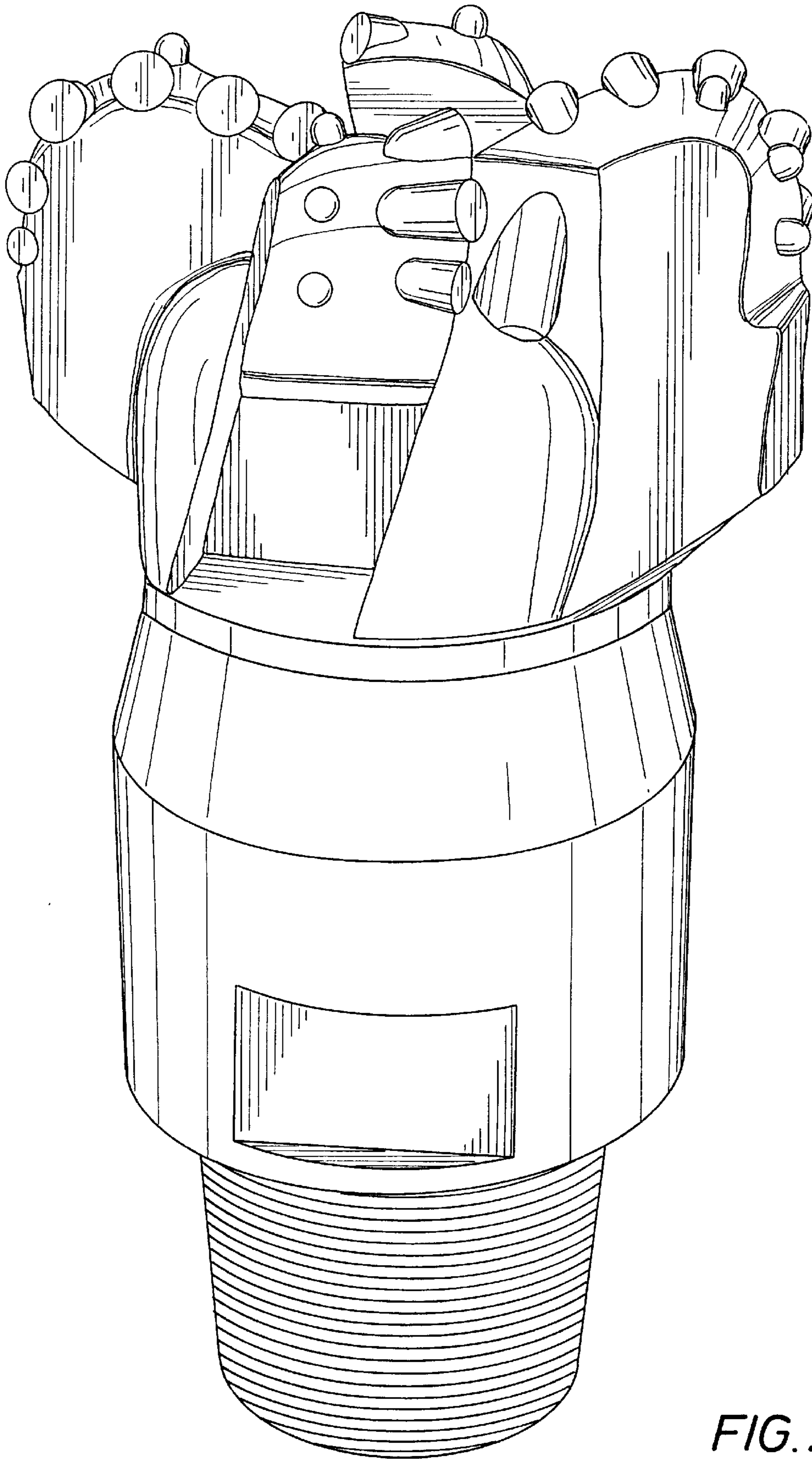


FIG. 2

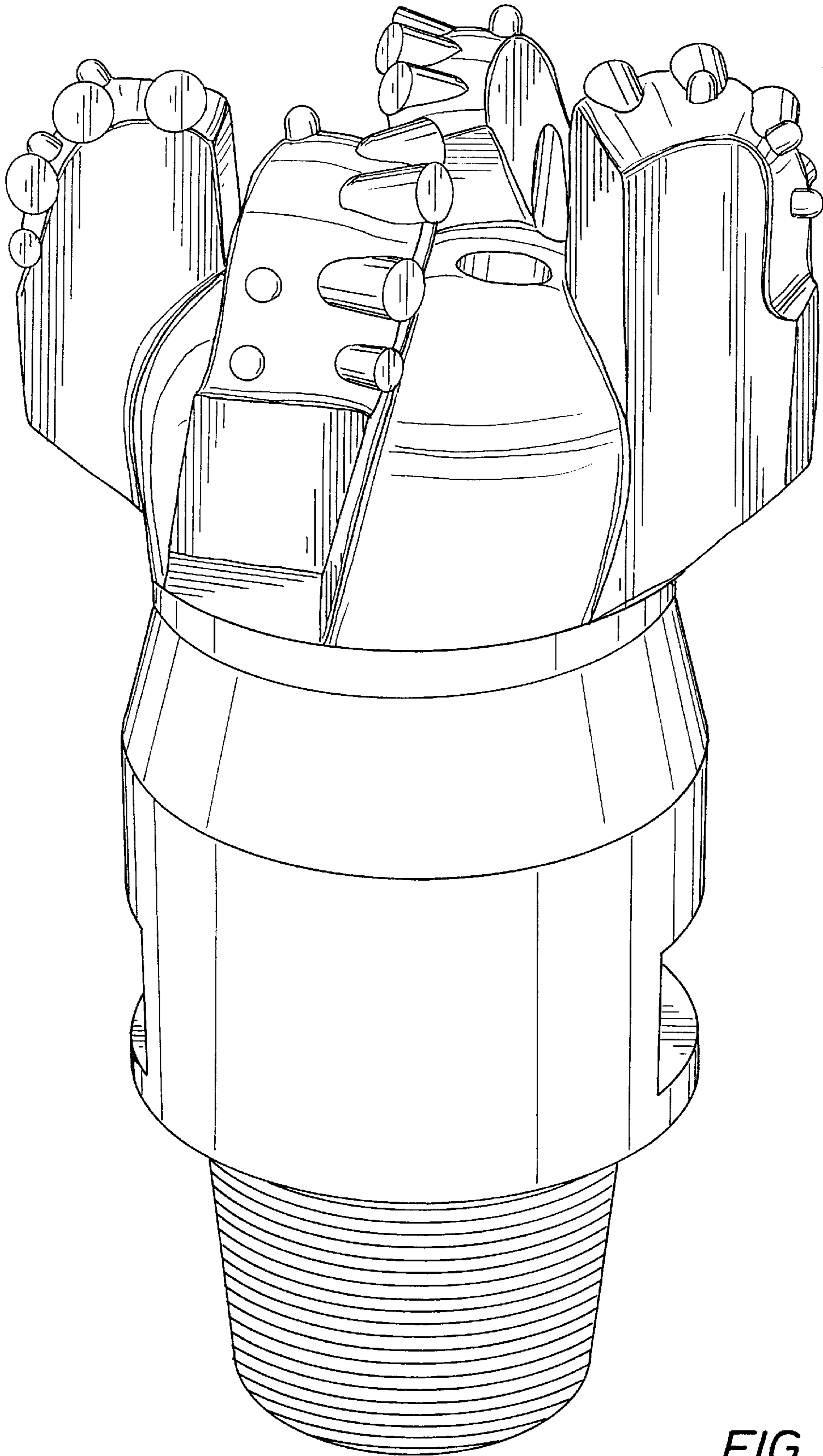


FIG. 3

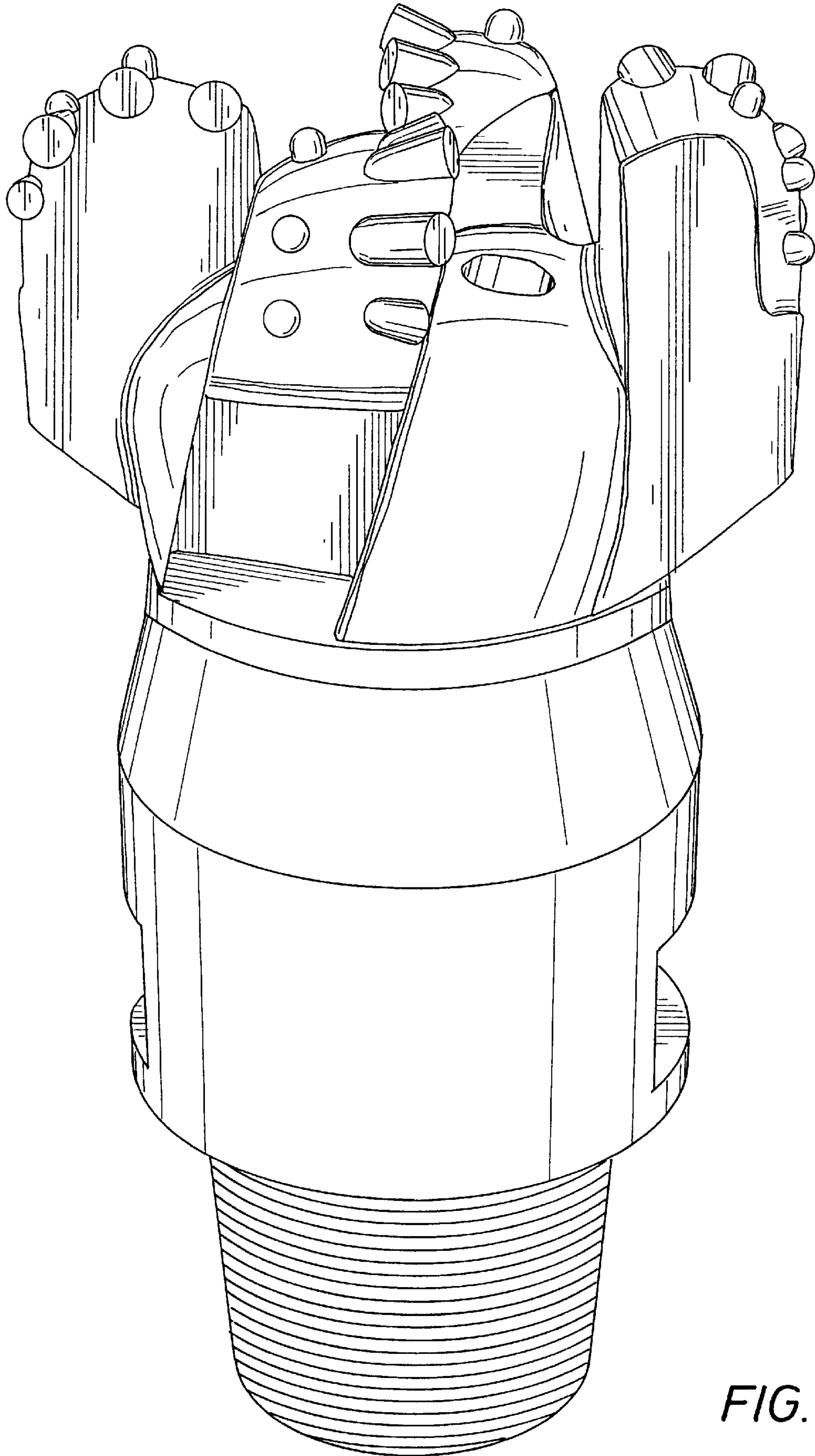


FIG. 4

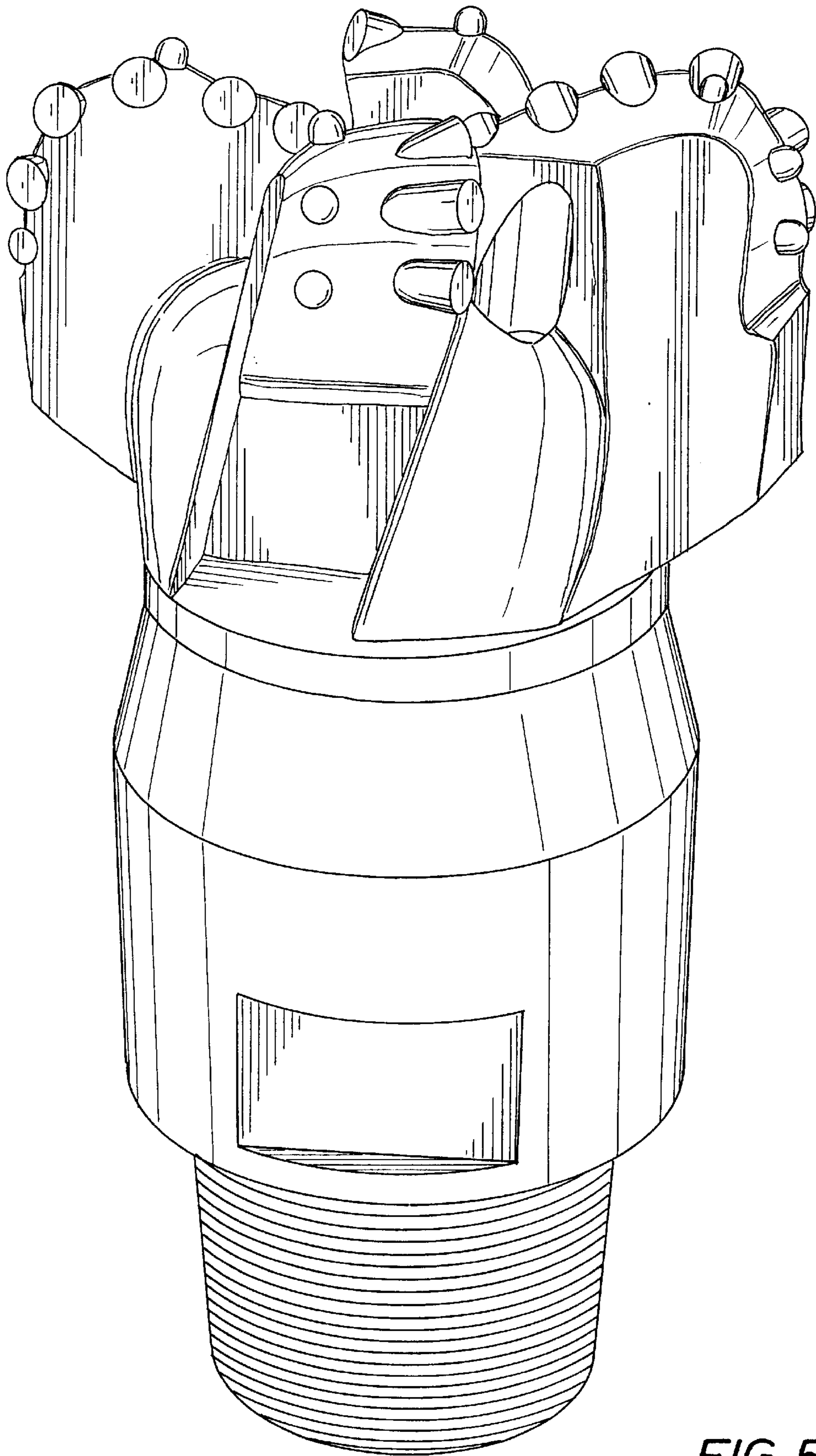


FIG. 5

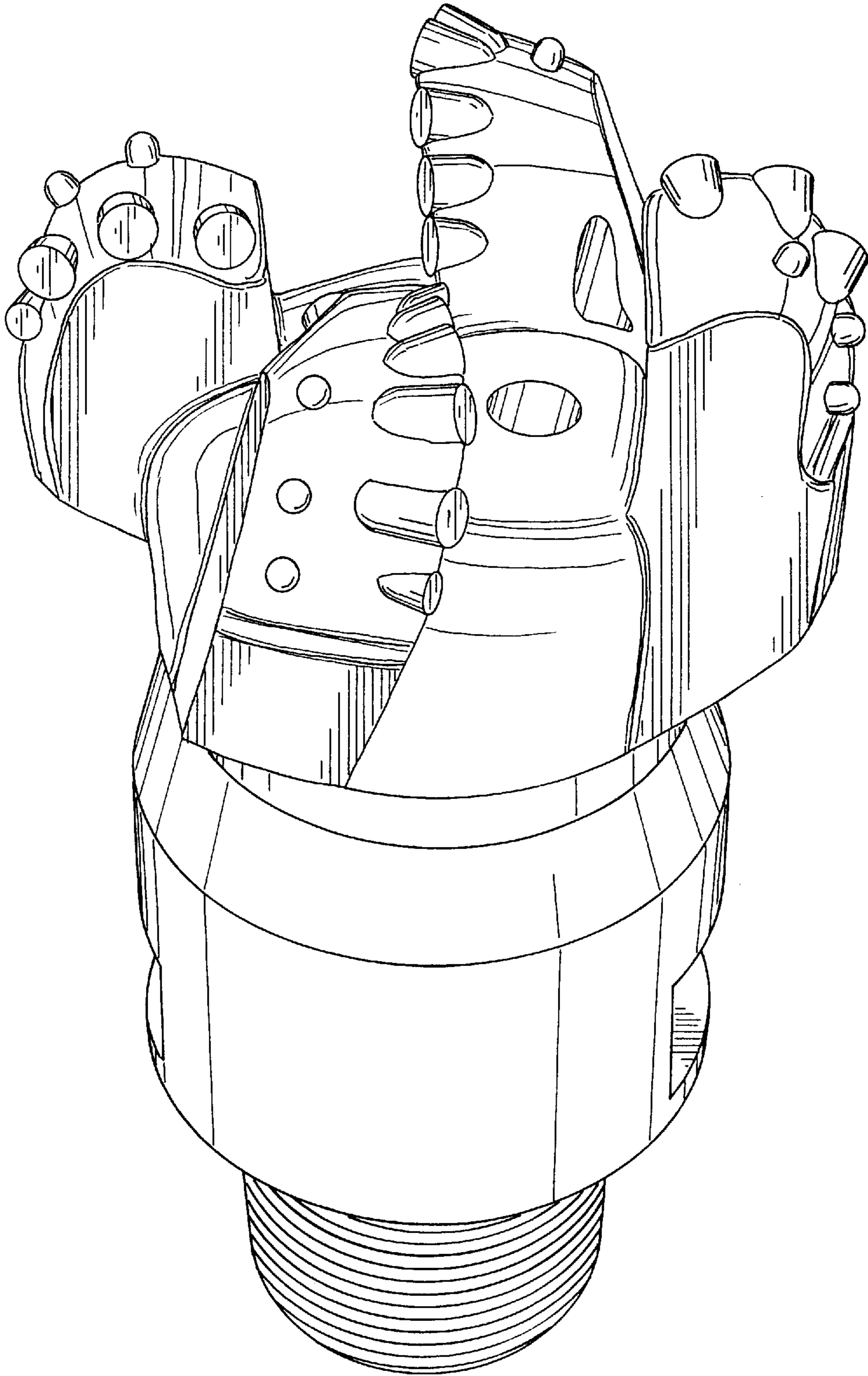


FIG. 7