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Nakahara et al.

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(54) **METHOD OF MAKING A ROTARY MOTOR**

(56)

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(*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

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Related U.S. Application Data

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(30) **Foreign Application Priority Data**

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(51) **Int. Cl.⁷** **H02K 15/09**

(52) **U.S. Cl.** **29/596; 29/606; 29/609; 310/42; 310/259**

(58) **Field of Search** **29/596, 598, 609, 29/606; 310/42, 43, 259**

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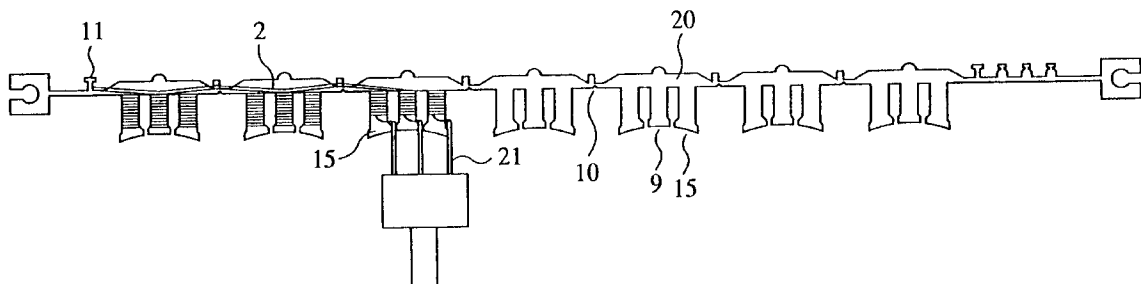
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(57) **ABSTRACT**

Magnetic materials which are divided into a plurality of blocks or divided corresponding to respective magnetic pole teeth are connected by means of thin portions. The respective magnetic pole teeth are wound continuously with wire without cutting the wire at the positions in which the thin portions are connected. When a stator is assembled, a plurality of blocks or magnetic pole teeth are disposed on a substrate by separating or bending the thin portions.

12 Claims, 107 Drawing Sheets



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FIG.1

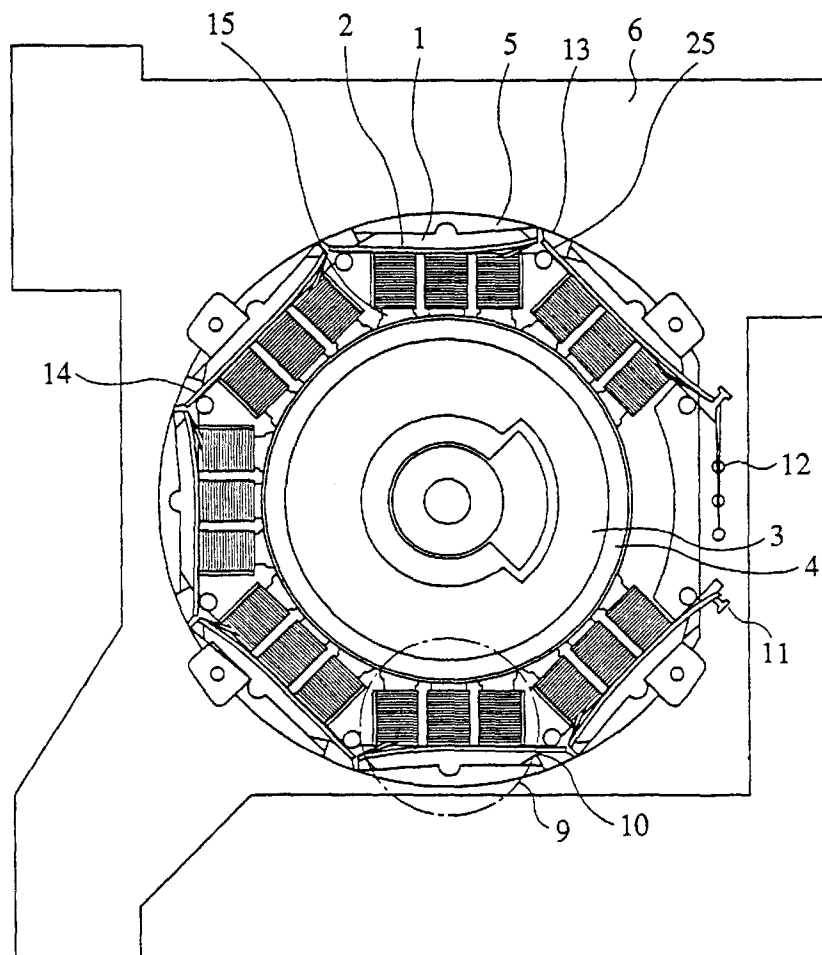


FIG.2

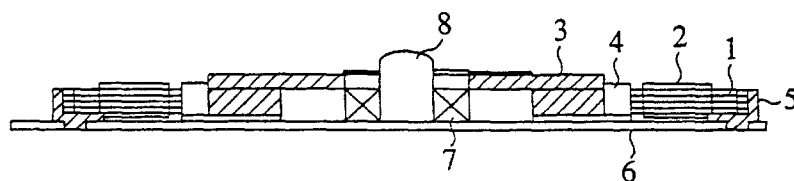


FIG.3

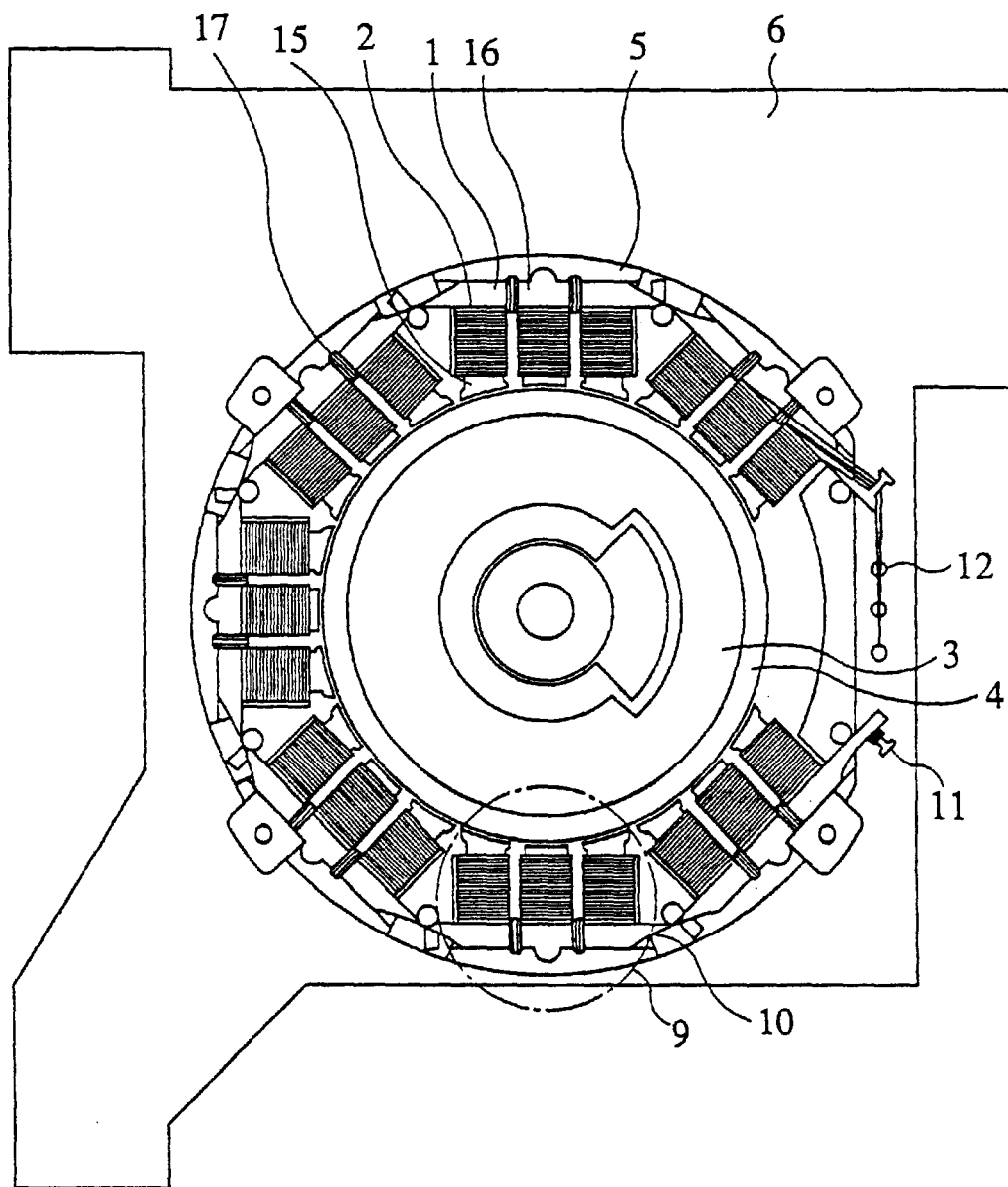


FIG.4

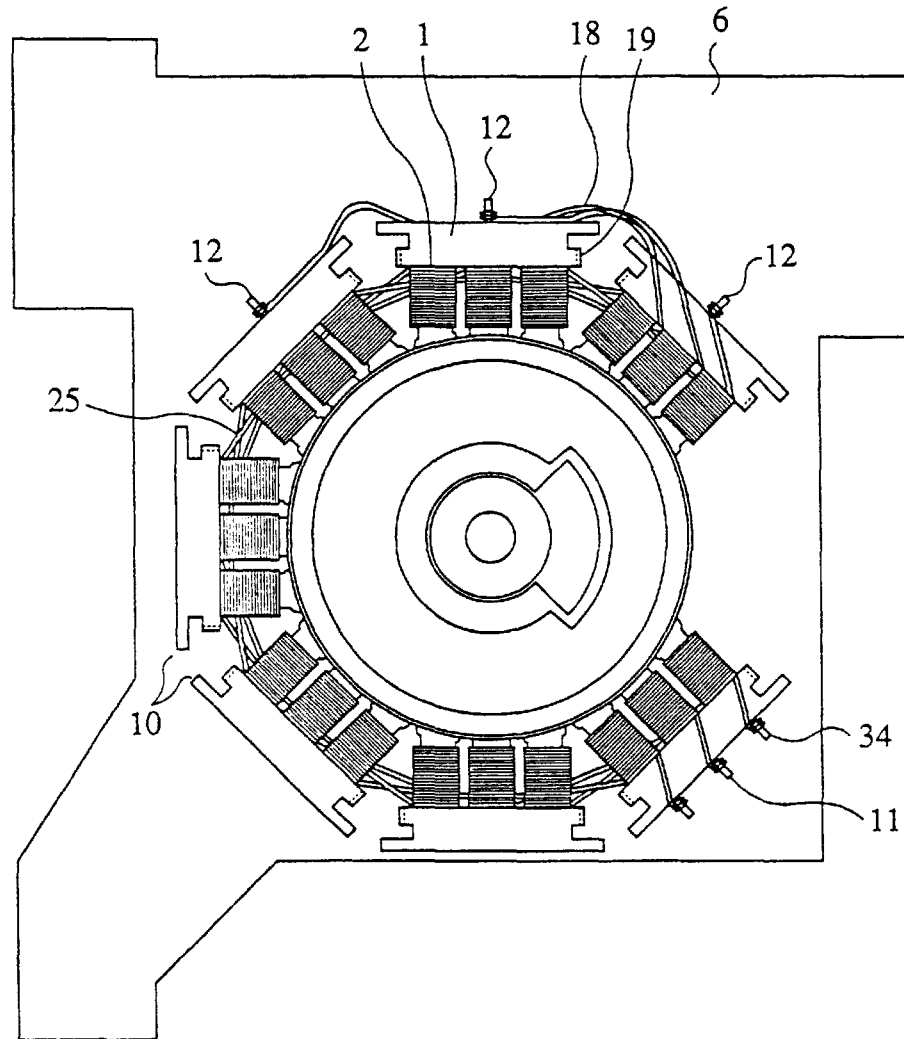
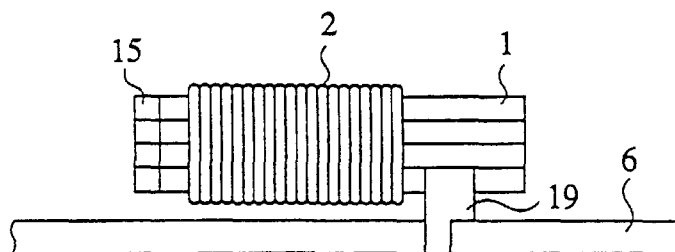


FIG.5



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