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(12) **United States Design Patent**  
**Miyoshi**

(10) **Patent No.: US D446,219 S**

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(54) **SHAFT FOR AN EXHAUST GAS  
RECIRCULATION VALVE**

5,680,880 10/1997 Miyake et al. .... 137/338  
5,718,259 2/1998 Miyake et al. .... 137/338  
5,971,010 \* 10/1999 Källberg et al. .... 137/338 X  
6,193,211 \* 2/2001 Watanabe et al. .... 251/129.11

(75) Inventor: **Sotsuo Miyoshi**, Tokyo (JP)

\* cited by examiner

(73) Assignee: **Mitsubishi Denki Kabushiki Kaisha**,  
Tokyo (JP)

*Primary Examiner*—Melody N. Brown

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

(74) *Attorney, Agent, or Firm*—Oblon, Spivak, McClelland,  
Maier & Neustadt, P.C.

(21) Appl. No.: **29/120,900**

(57) **CLAIM**

(22) Filed: **Mar. 27, 2000**

The ornamental design for a shaft for an exhaust gas  
recirculation valve, as shown.

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Oct. 4, 1999 (JP) ..... 11-26940

(51) **LOC (7) Cl.** ..... **15-01**

FIG. 1 is a front, top and left side perspective view of a shaft  
for an exhaust gas recirculation valve, showing my new  
design;

(52) **U.S. Cl.** ..... **D15/5**

FIG. 2 is a front elevational view thereof, a rear side being  
the same image thereof;

(58) **Field of Search** ..... D15/1-5; 137/338;  
251/129.05, 129.11, 129.12; 123/568.2,  
568.11, 571

FIG. 3 is a right side elevational view thereof, the left side  
being the same image thereof;

(56) **References Cited**

FIG. 4 is a bottom plan view thereof; and,

FIG. 5 is a top plan view thereof.

**U.S. PATENT DOCUMENTS**

4,967,780 \* 11/1990 Minami ..... 137/338 X  
5,351,935 10/1994 Miyoshi et al. .... 251/129.11

**1 Claim, 1 Drawing Sheet**

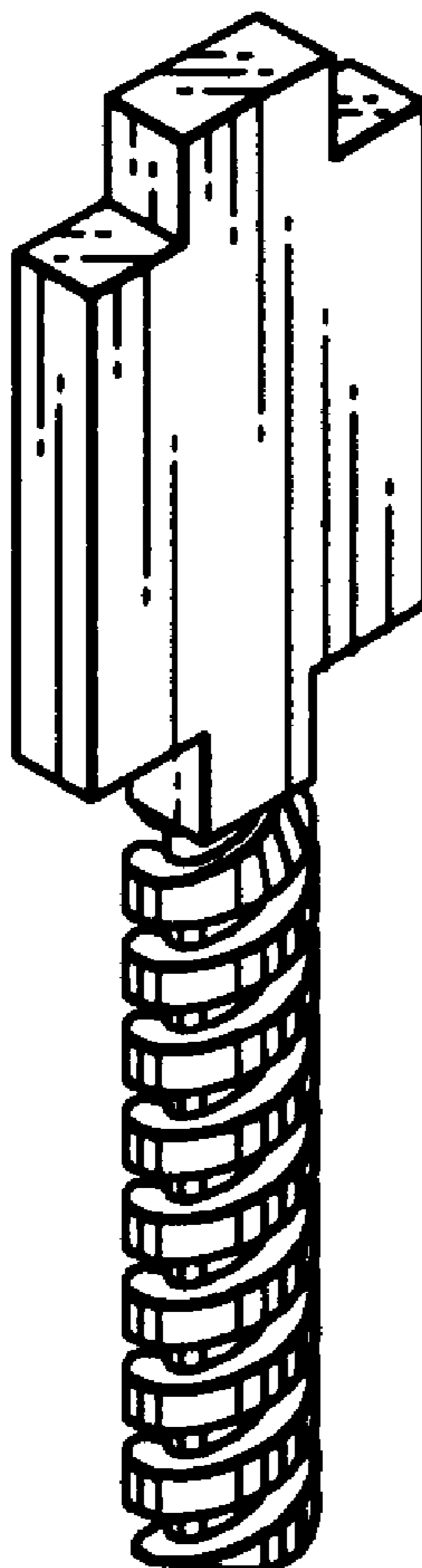


FIG. 1

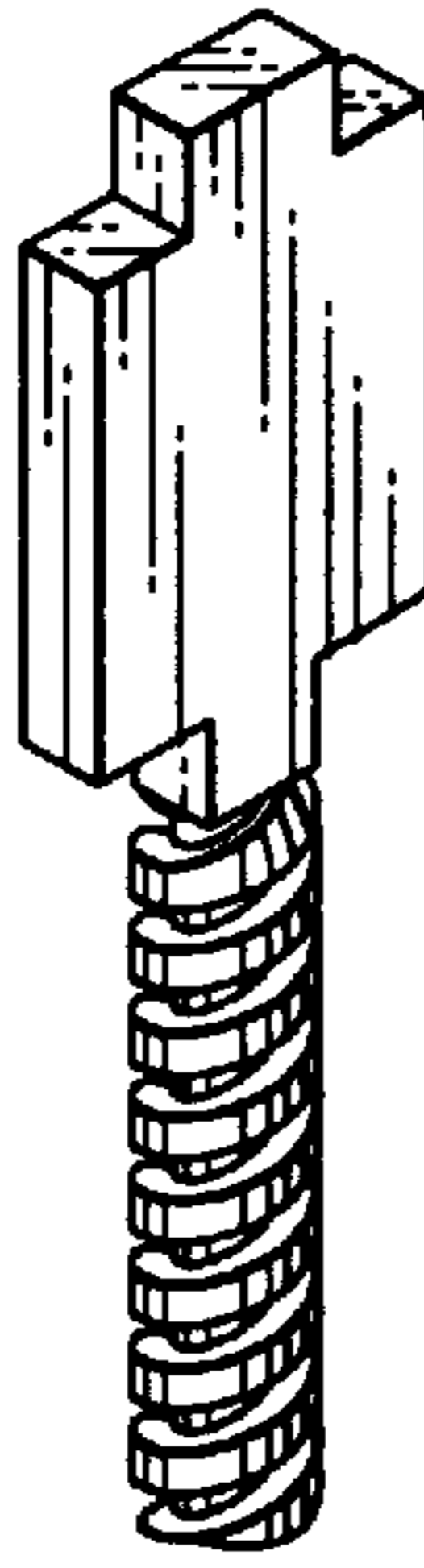


FIG. 2

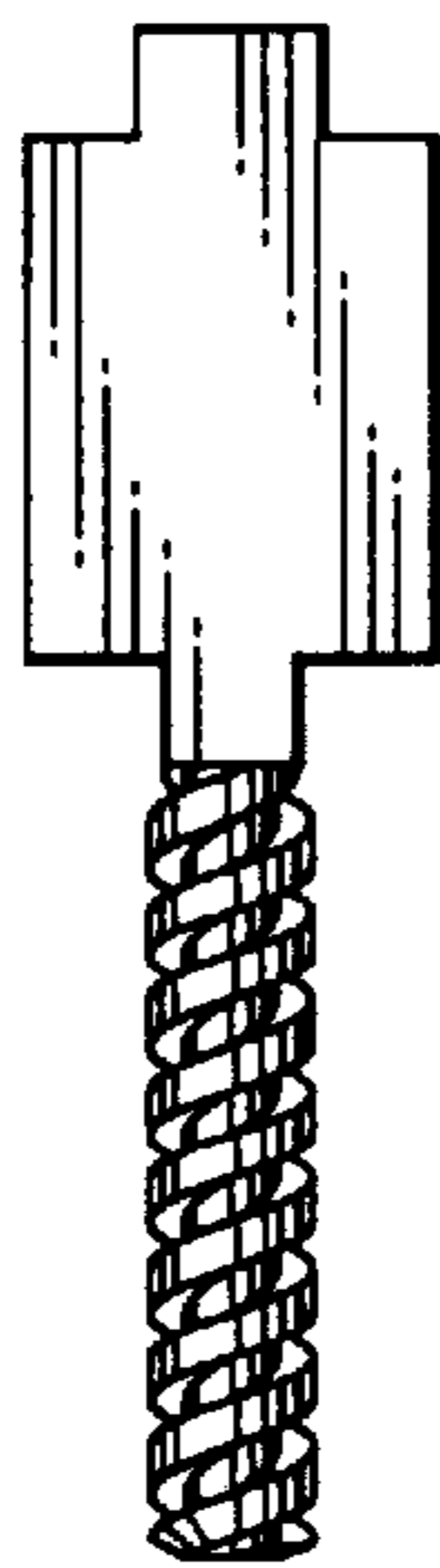


FIG. 3



FIG. 4



FIG. 5

