



US00D682186S

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

(10) **Patent No.:** **US D682,186 S**

(45) **Date of Patent:** **\*\* May 14, 2013**

(54) **PROPELLER BEARING SEAL PROTECTOR**

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

(21) Appl. No.: **29/413,581**

(22) Filed: **Feb. 17, 2012**

(51) **LOC (9) Cl.** ..... **12-16**

(52) **U.S. Cl.**  
USPC ..... **D12/214**

(58) **Field of Classification Search** ..... D12/3,  
D12/214, 300, 317; D15/4; 277/301, 409,  
277/423, 429, 430, 563; 415/111, 175; 416/204 R,  
416/244 R; 440/53, 75, 49

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

450,004 A	4/1891	Daley
682,027 A	9/1901	Burgess
904,313 A	11/1908	Davis
941,827 A	11/1909	Trouche
1,211,106 A	1/1917	Doeg
1,226,400 A	5/1917	Smith
1,335,412 A	3/1920	Weaver
1,831,739 A	11/1931	Decker
1,953,599 A	4/1934	Grimes
2,014,859 A	9/1935	Mitchell, Jr.
2,038,299 A	4/1936	Kohlhagen
2,096,223 A	10/1937	Chandler et al.
2,195,774 A	4/1940	Freeman et al.
D138,752 S	9/1944	Waterval
2,442,728 A	6/1948	Kiekhaefer
2,487,177 A	11/1949	Pollock
2,528,628 A	11/1950	Whitney
2,537,943 A	1/1951	Brown
2,549,477 A	4/1951	Kiekhaefer
2,549,484 A	4/1951	Kiekhaefer

2,656,812 A	10/1953	Kiekhaefer
2,860,594 A	11/1958	Kiekhaefer
2,896,565 A	7/1959	Stevens
2,996,035 A	8/1961	Torrey
3,131,940 A	5/1964	Ertaud
3,131,942 A	5/1964	Ertaud
3,150,822 A	9/1964	Dreyfus et al.
3,151,597 A	10/1964	Larsen
3,331,101 A	7/1967	Thomas, Jr.
3,355,179 A	11/1967	McGrew, Jr.
3,430,603 A	3/1969	Parish
3,575,477 A	4/1971	Newsome
3,587,510 A	6/1971	Shimanckas
3,599,595 A	8/1971	James
3,622,164 A	11/1971	Herbert et al.

(Continued)

OTHER PUBLICATIONS

“Skeg”, Wikipedia, the free encyclopedia, Feb. 16, 2011, HTTP://en.wikipedia.org/w/index.php?title=Skeg, 1 page.

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(57) **CLAIM**

The ornamental design for a propeller bearing seal protector, as shown and described.

**DESCRIPTION**

FIG. 1 is a top plan view of a propeller bearing seal protector showing our new design;

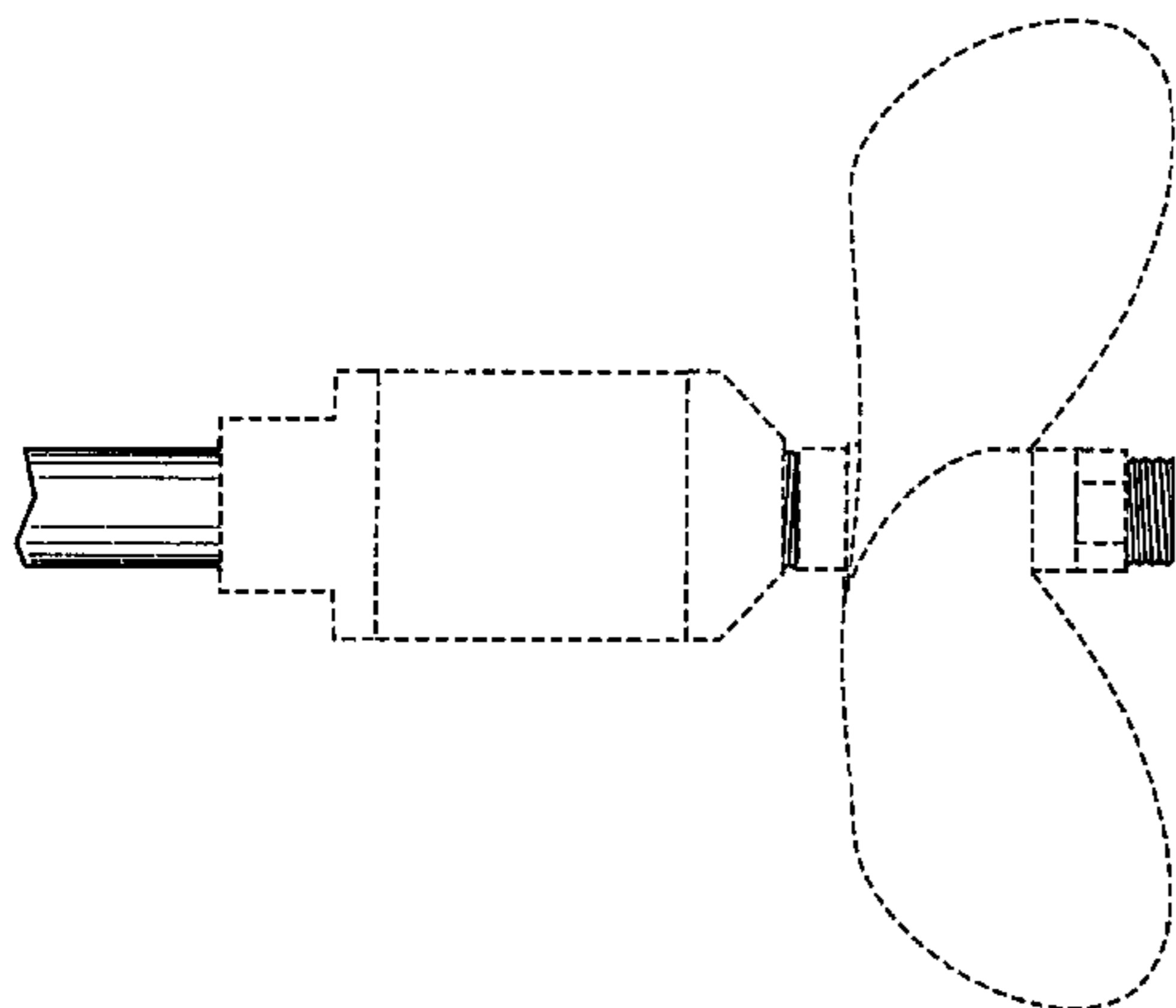
FIG. 2 is a top plan view thereof, the bottom plan view, front elevational view and rear elevational view being identical thereto;

FIG. 3 is a left side elevational view thereof; and,

FIG. 4 is a right side elevational view thereof.

The propeller and bearing depicted by broken lines in FIG. 1 have been shown for the purpose of illustrating environment that forms no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

3,752,111 A	8/1973	Meynier		5,800,224 A	9/1998	Ogino	
3,752,489 A	8/1973	Latinen		5,820,425 A	10/1998	Ogino et al.	
3,768,432 A	10/1973	Spaulding		5,890,937 A	4/1999	Granger	
3,795,386 A *	3/1974	Carter et al.	366/76.1	D416,535 S	11/1999	Rudofsky	
3,797,865 A *	3/1974	Ballentine	285/148.19	5,993,274 A	11/1999	Rising et al.	
3,940,150 A	2/1976	Martin et al.		6,155,893 A	12/2000	Belmont	
3,942,803 A	3/1976	Wijnant et al.		6,196,804 B1 *	3/2001	Lackey	416/244 R
4,010,960 A *	3/1977	Martin	277/563	6,234,854 B1	5/2001	Rydzewski	
D259,488 S	6/1981	Carter et al.		6,302,750 B1	10/2001	Foreman	
4,285,632 A *	8/1981	DeSalve	415/175	6,358,008 B1	3/2002	Chen	
4,295,835 A	10/1981	Mapes et al.		6,361,388 B2	3/2002	Foreman	
4,471,963 A *	9/1984	Airhart	277/301	6,482,057 B1	11/2002	Schoell	
4,487,152 A	12/1984	Larson		6,524,069 B2	2/2003	Chen	
4,491,374 A	1/1985	Hagshenas et al.		6,571,653 B1	6/2003	Takeda et al.	
4,549,949 A	10/1985	Guinn		6,966,806 B1	11/2005	Bruestle et al.	
4,597,742 A	7/1986	Finkl		7,008,279 B2	3/2006	Ide et al.	
4,636,175 A	1/1987	Frazzell et al.		7,048,600 B1	5/2006	Broussard	
4,676,756 A	6/1987	Rodrigue et al.		7,052,340 B1	5/2006	Broussard	
4,678,440 A	7/1987	Rodrigue et al.		7,056,092 B2	6/2006	Stahl	
4,708,672 A	11/1987	Bentz et al.		D527,021 S	8/2006	Osumi	
4,726,796 A	2/1988	Rivette, Jr. et al.		7,223,076 B2	5/2007	Mansson	
4,744,779 A	5/1988	Koehler		7,297,035 B2	11/2007	Broussard	
4,781,632 A	11/1988	Litjens et al.		7,335,074 B2	2/2008	Arneson	
4,804,312 A	2/1989	Schneekluth		7,387,553 B1	6/2008	Misorski et al.	
4,820,212 A	4/1989	McElroy et al.		7,392,988 B2 *	7/2008	Moldt et al.	277/429
4,826,461 A	5/1989	Newman		7,488,225 B2	2/2009	Lin	
5,207,605 A	5/1993	Kroeber		7,575,490 B1	8/2009	Angel et al.	
D356,799 S *	3/1995	Gardner	D15/4	7,637,792 B1 *	12/2009	Davis et al.	440/75
5,484,264 A *	1/1996	Karls et al.	416/204 R	D608,371 S	1/2010	Perkins, II	
5,556,310 A *	9/1996	Gandarillas	440/53	7,717,678 B2	5/2010	Chen	
5,558,498 A	9/1996	Ogino		7,946,591 B2	5/2011	Pabst et al.	
5,667,415 A	9/1997	Arneson		2001/0031586 A1	10/2001	Fisher	
5,673,643 A	10/1997	Poppa		2003/0152461 A1	8/2003	Heidenreich	

\* cited by examiner

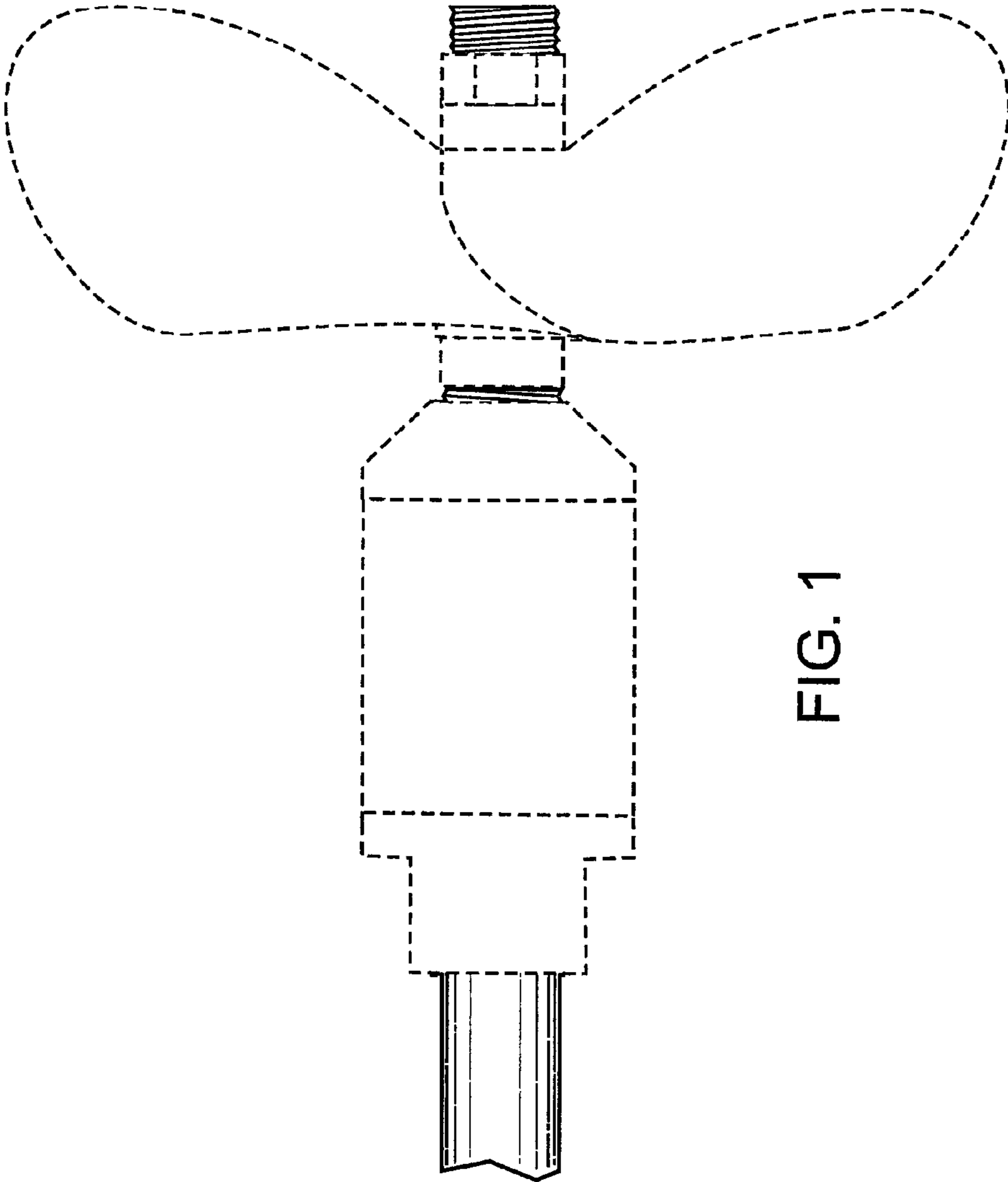


FIG. 1

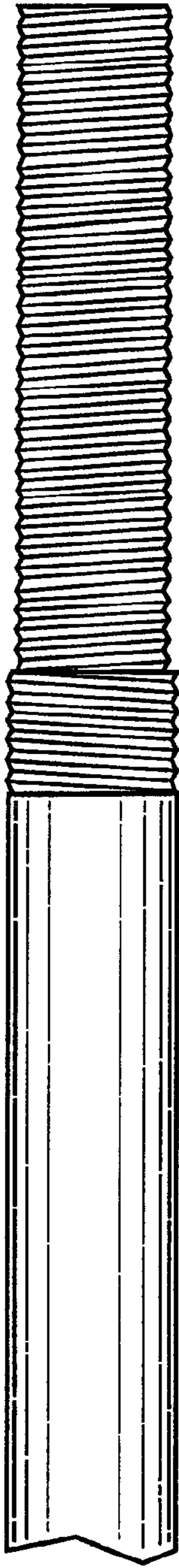


FIG. 2

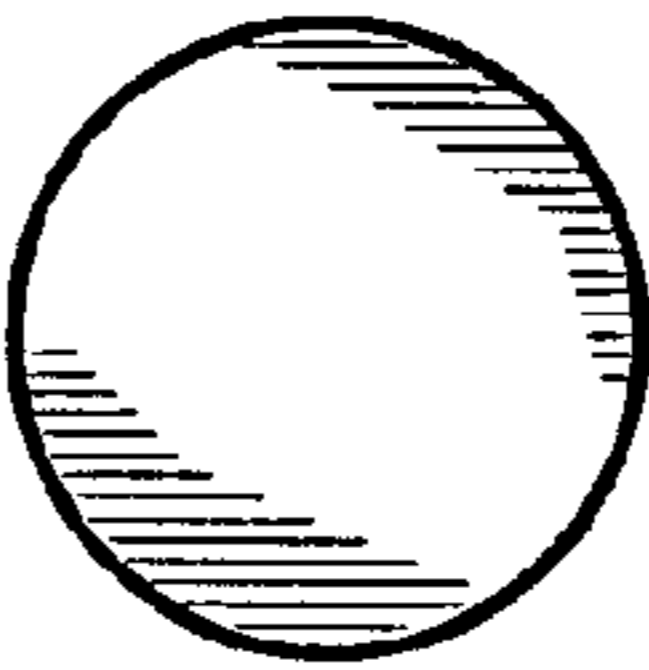


FIG. 3



FIG. 4