



US00D732642S

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

(10) **Patent No.:** **US D732,642 S**
(45) **Date of Patent:** **** Jun. 23, 2015**

(54) **DIVING REGULATOR**

(71) Applicants: **William Morgan**, Santa Barbara, CA
(US); **Pete Ryan**, Santa Maria, CA (US);
Trent Schultz, Santa Barbara, CA (US)

(72) Inventors: **William Morgan**, Santa Barbara, CA
(US); **Pete Ryan**, Santa Maria, CA (US);
Trent Schultz, Santa Barbara, CA (US)

(73) Assignee: **KIRBY MORGAN DIVE SYSTEMS,**
INC., Santa Barbara, CA (US)

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

(21) Appl. No.: **29/480,171**

(22) Filed: **Jan. 23, 2014**

(51) **LOC (10) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/235**

(58) **Field of Classification Search**
USPC D23/233–250; 128/204.26, 201.27,
128/201.28, 205.12, 205.24, 200.25,
128/200.29; 137/494, 510; 251/359; 182/48
CPC B63C 11/2227; B63C 11/2209; B63C 11/26;
B63C 2011/2254; B63C 11/08; B63C
2011/085; B63C 2011/2218; B63C
2011/2281; B63C 11/06; B63C 11/186;
B63C 11/2245; B63C 11/24; A62B 9/02;
A62B 9/022; A62B 9/003

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,224,444	A *	12/1965	Dempster	.....	128/204.26
4,002,166	A *	1/1977	Oliver	.....	128/204.26
4,266,538	A *	5/1981	Ruchti	.....	128/204.26
4,269,386	A *	5/1981	Crowe	.....	251/74
4,683,881	A *	8/1987	Hansen et al.	.....	128/204.26
5,259,375	A *	11/1993	Schuler	.....	128/205.24
5,501,213	A *	3/1996	Jackson	.....	128/205.24
5,690,100	A *	11/1997	Pomerantz	.....	128/205.24
5,755,222	A *	5/1998	Pansard et al.	.....	128/204.27

5,775,323	A *	7/1998	Knott	.....	128/202.27
5,829,432	A *	11/1998	Semeia	.....	128/201.27
5,944,054	A *	8/1999	Saieva	.....	137/625.4
5,950,622	A *	9/1999	Pomerantz	.....	128/204.26
6,021,778	A *	2/2000	Garofalo	.....	128/204.26
6,354,291	B1 *	3/2002	Brown et al.	.....	128/200.29
6,446,628	B1 *	9/2002	Chen	.....	128/200.24
6,626,178	B2 *	9/2003	Morgan et al.	.....	128/206.26
6,681,766	B1 *	1/2004	Matsuoka	.....	128/201.27
6,715,488	B1 *	4/2004	Matsuoka	.....	128/204.26
6,718,976	B1 *	4/2004	Matsuoka	.....	128/204.26
6,718,977	B1 *	4/2004	Matsuoka	.....	128/204.26
6,735,149	B2 *	5/2004	Pierot	.....	367/132
6,957,652	B2 *	10/2005	Matsuoka	.....	128/204.26
7,174,892	B2 *	2/2007	Pietrelli	.....	128/204.26
7,347,206	B2 *	3/2008	Pedemonte	.....	128/204.26
7,455,061	B2 *	11/2008	Morgan et al.	.....	128/200.29
7,571,726	B2 *	8/2009	Parker	.....	128/204.26
7,617,825	B2 *	11/2009	Pedemonte	.....	128/204.26
7,677,244	B2 *	3/2010	Wharton et al.	.....	128/201.27
8,256,420	B2 *	9/2012	Prete	.....	128/204.26
8,360,054	B2 *	1/2013	Peyron et al.	.....	128/201.27
8,857,431	B2 *	10/2014	Gillotin et al.	.....	128/204.26
2004/0244796	A1 *	12/2004	Semeia	.....	128/204.26
2006/0124129	A1 *	6/2006	Wharton et al.	.....	128/204.26

* cited by examiner

Primary Examiner — Cynthia Ramirez

Assistant Examiner — Gino Colan

(74) *Attorney, Agent, or Firm* — Cislo & Thomas, LLP

(57) **CLAIM**

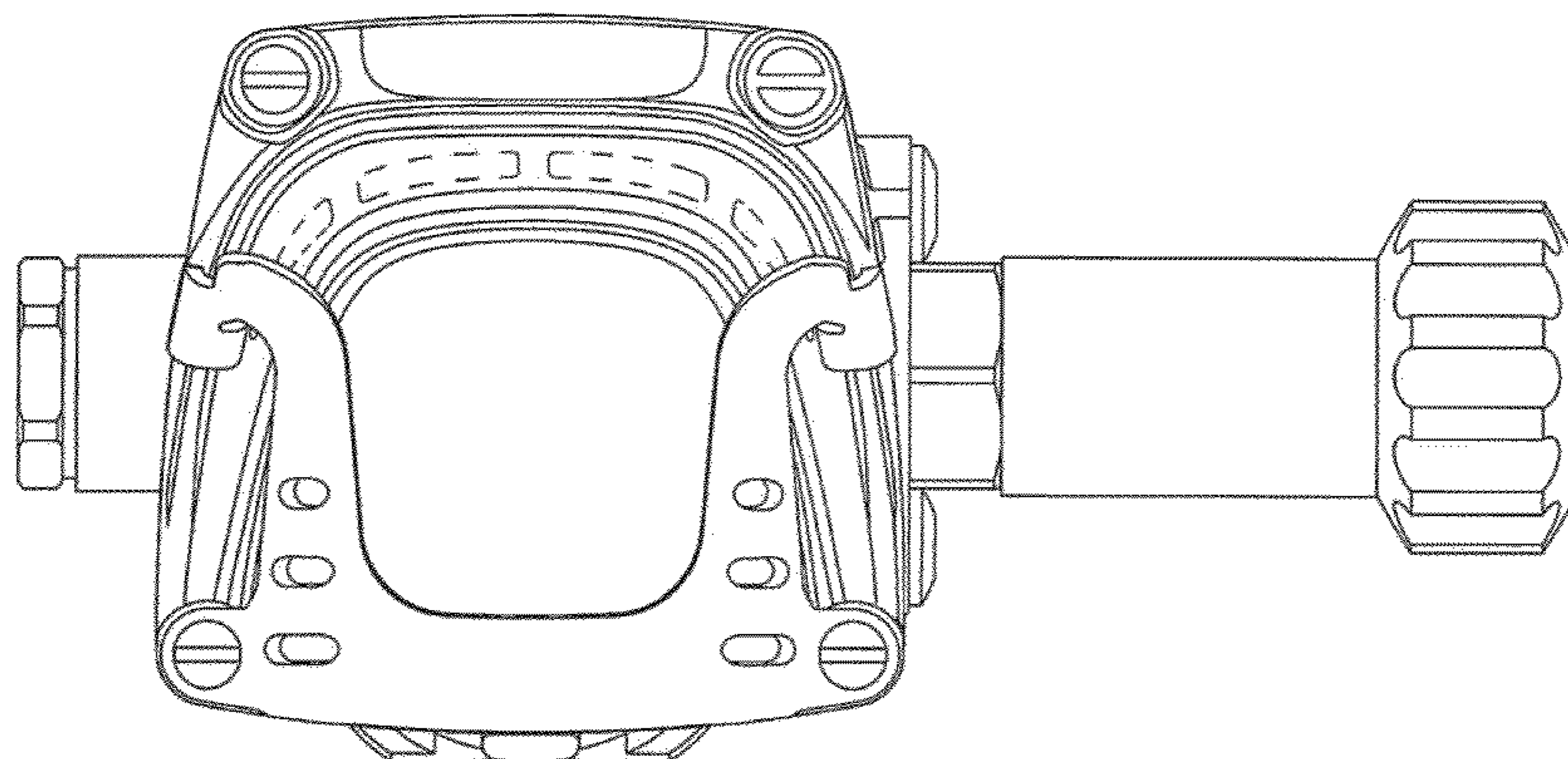
The ornamental design for a diving regulator, as shown and described.

DESCRIPTION

FIG. 1 is a front view of our diving regulator;
FIG. 2 is a top left perspective view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a top right perspective view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a front view showing environmental features thereof; and,
FIG. 8 is a perspective view showing environmental features thereof.

The broken lines are for environmental purposes only and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



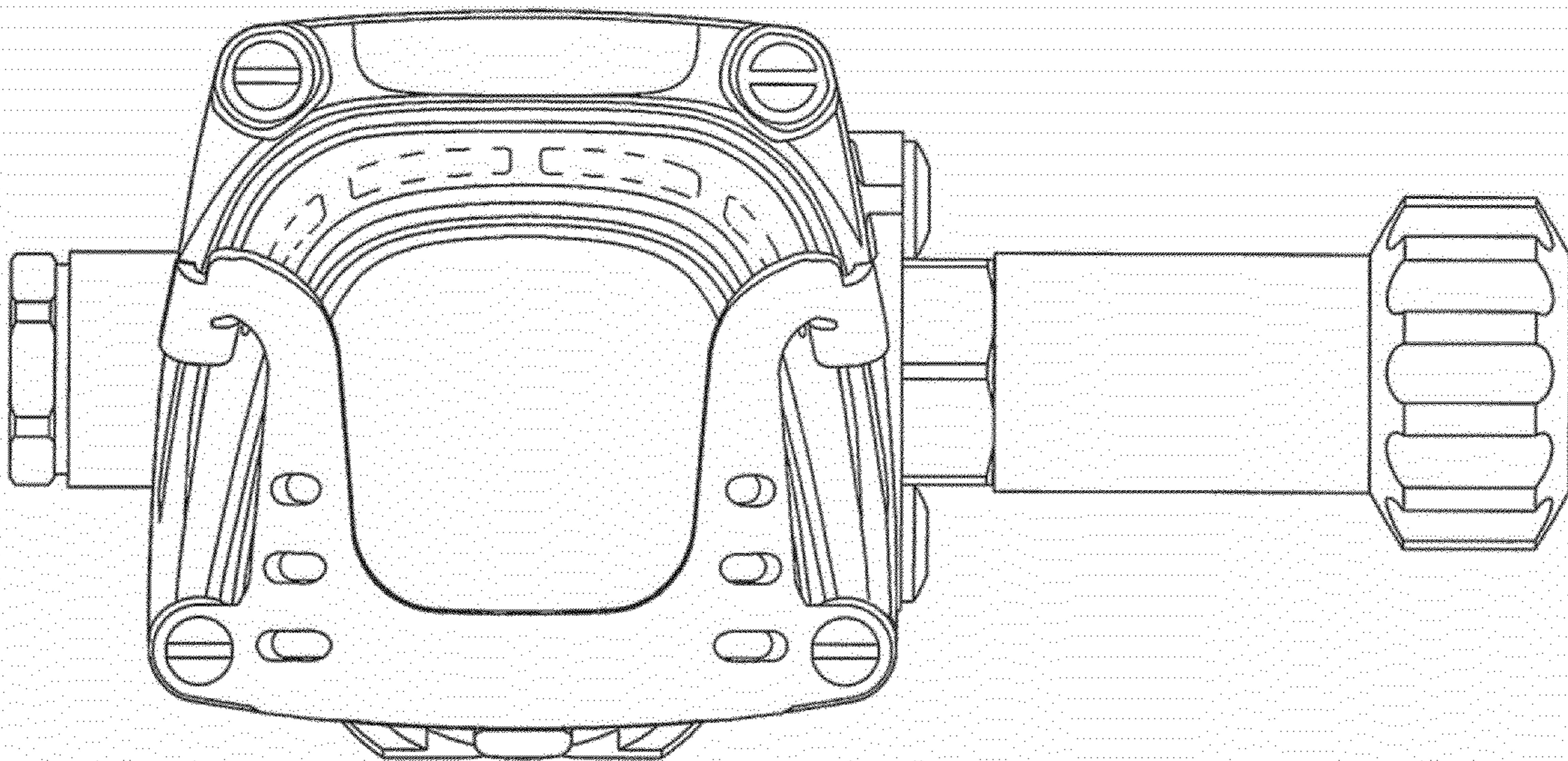


Fig. 1

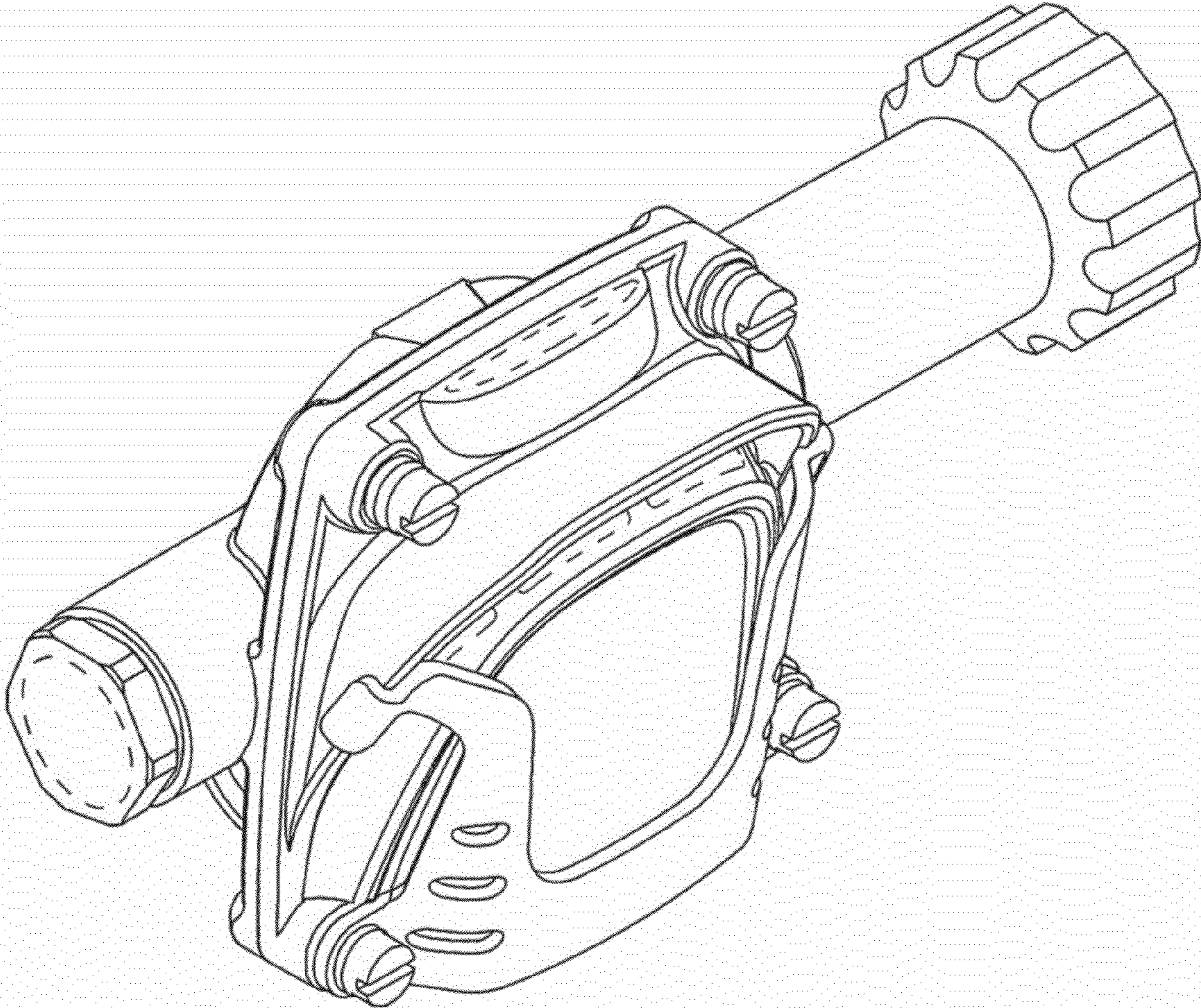


Fig. 2

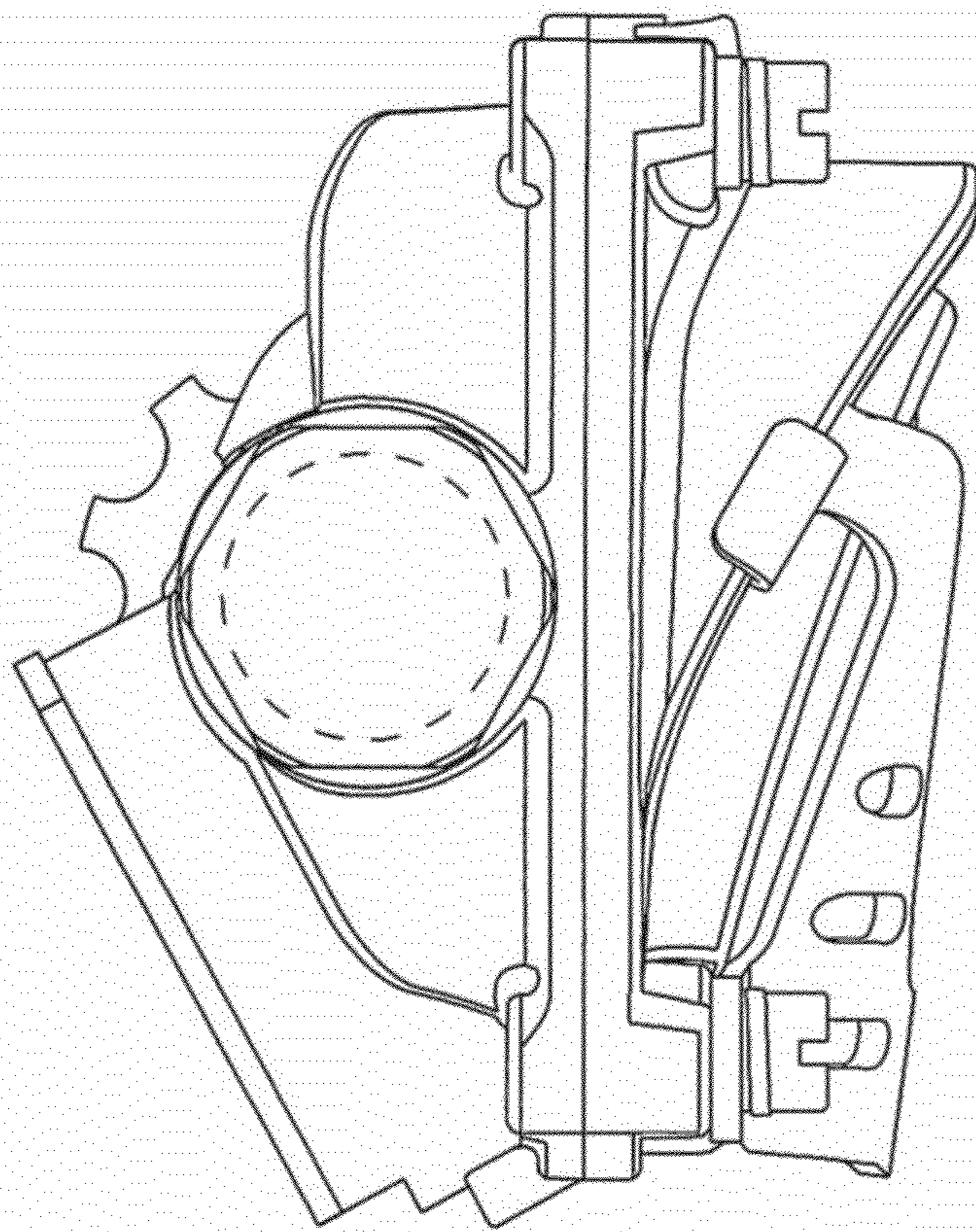


Fig. 3

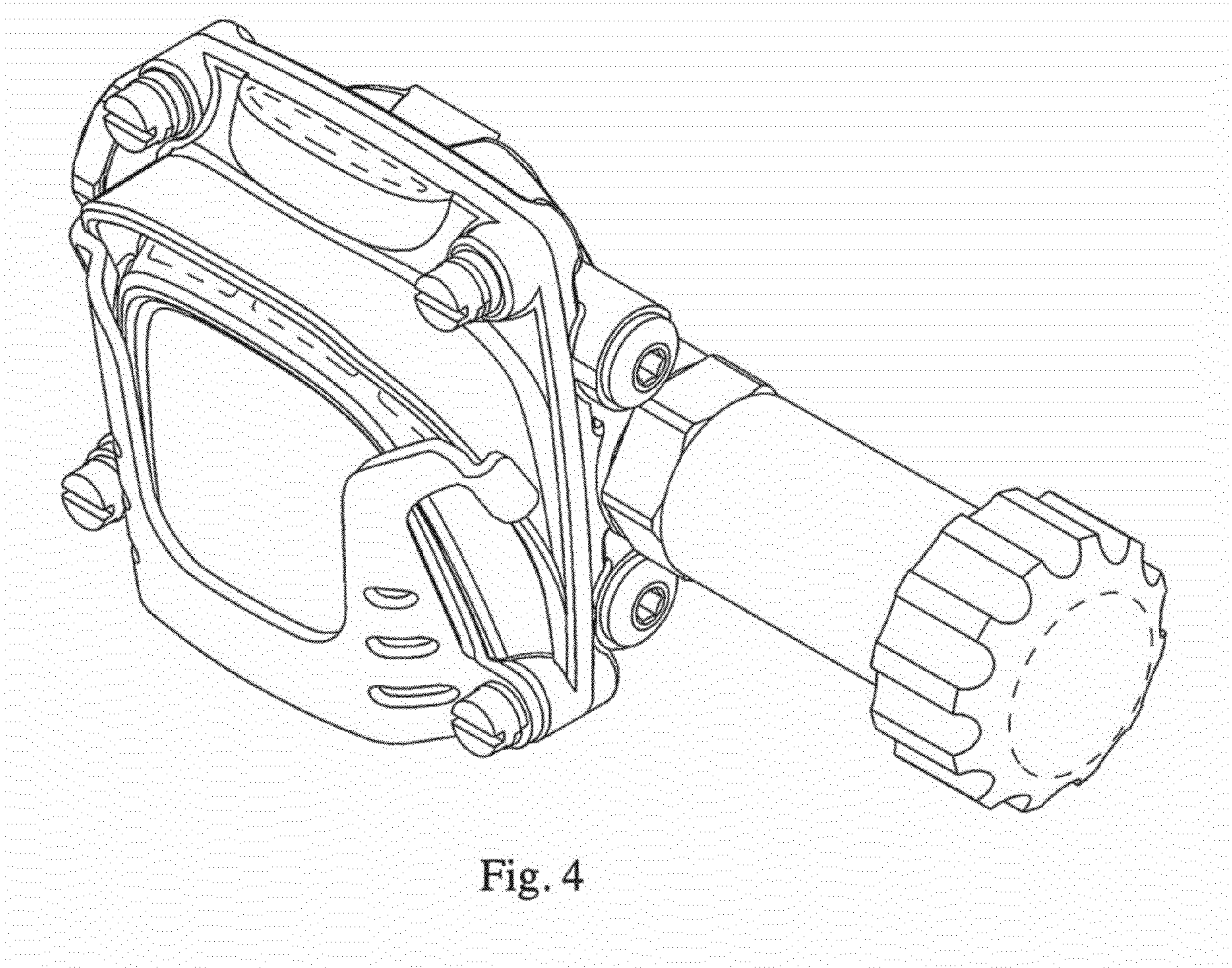


Fig. 4

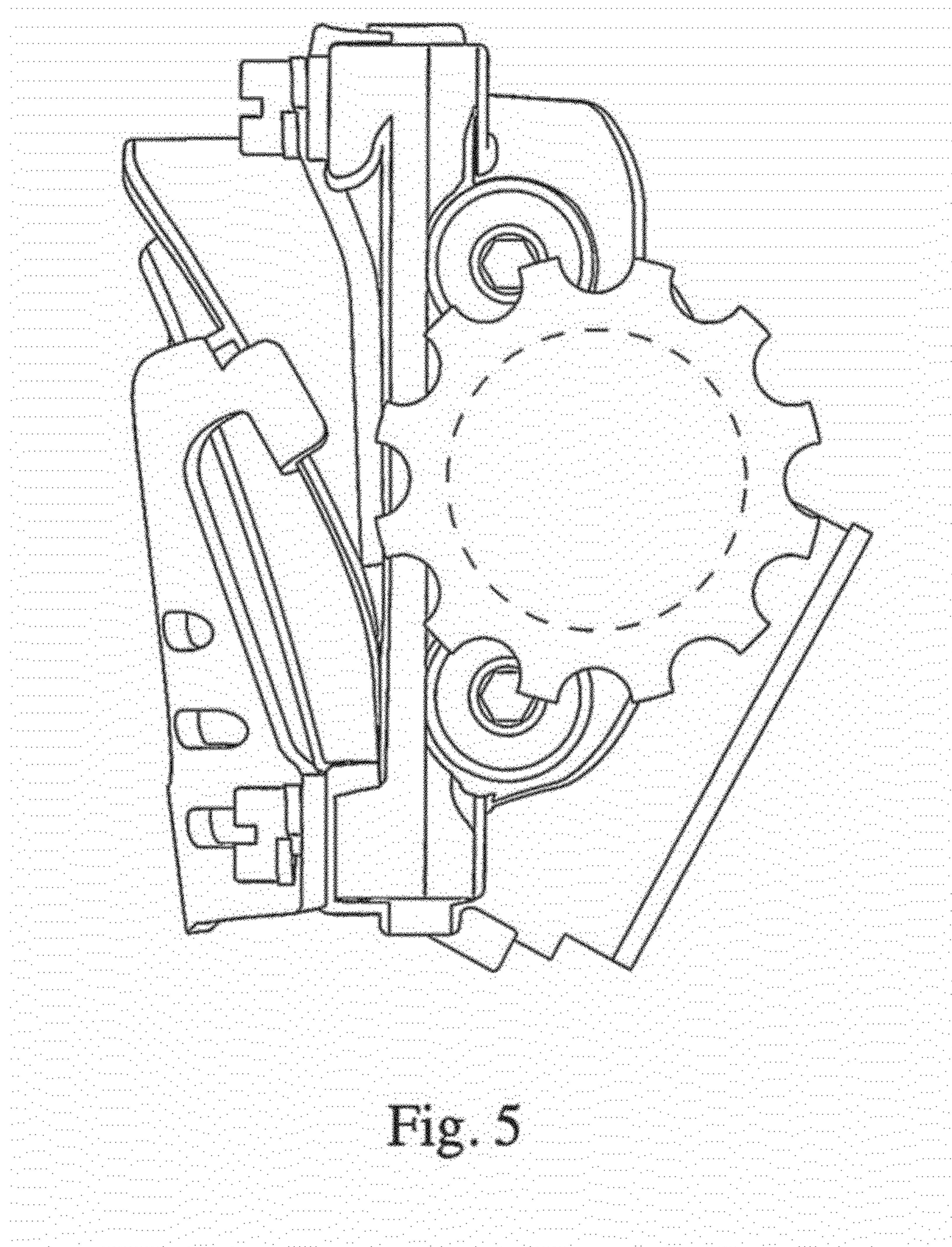


Fig. 5

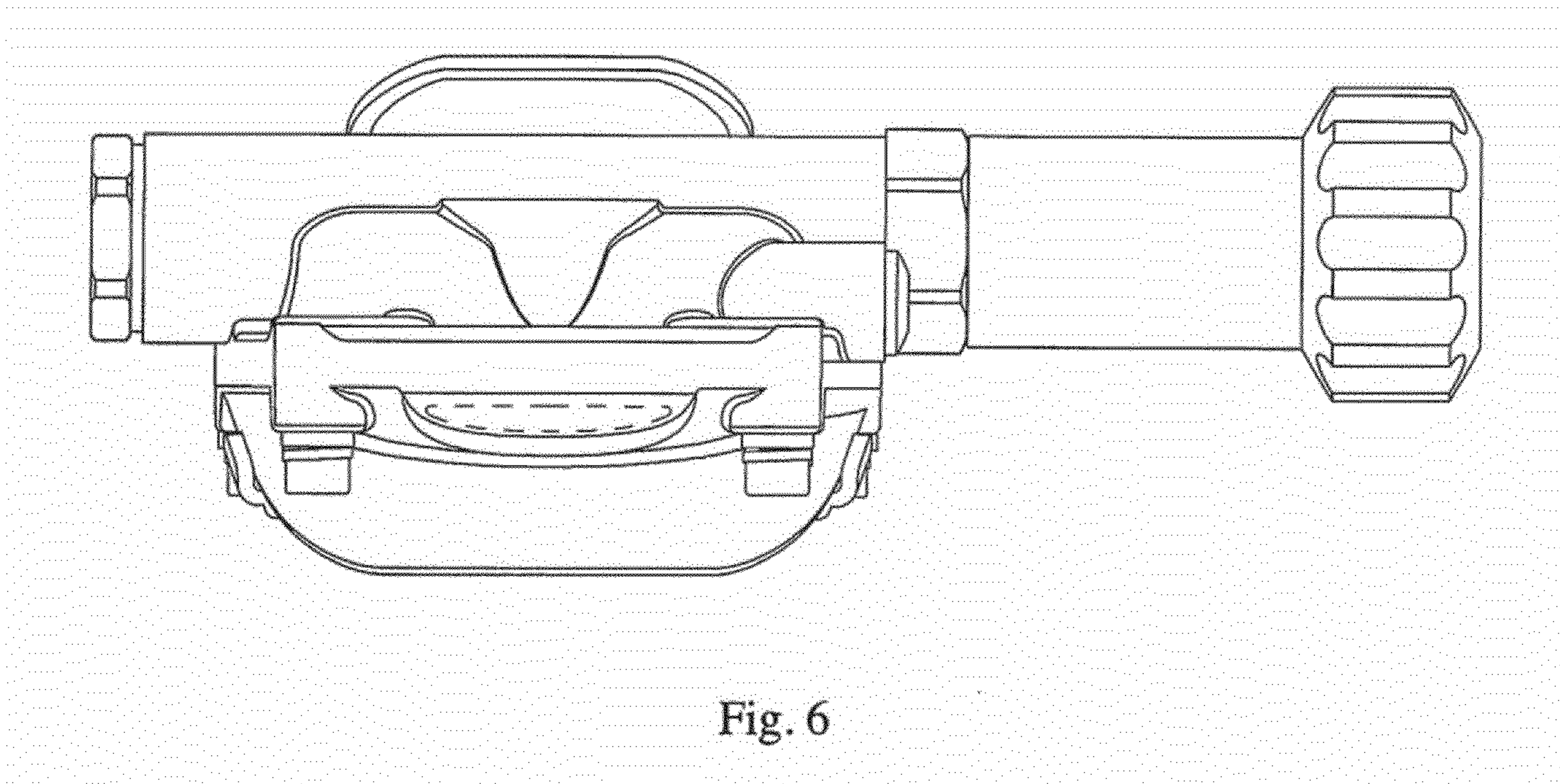


Fig. 6

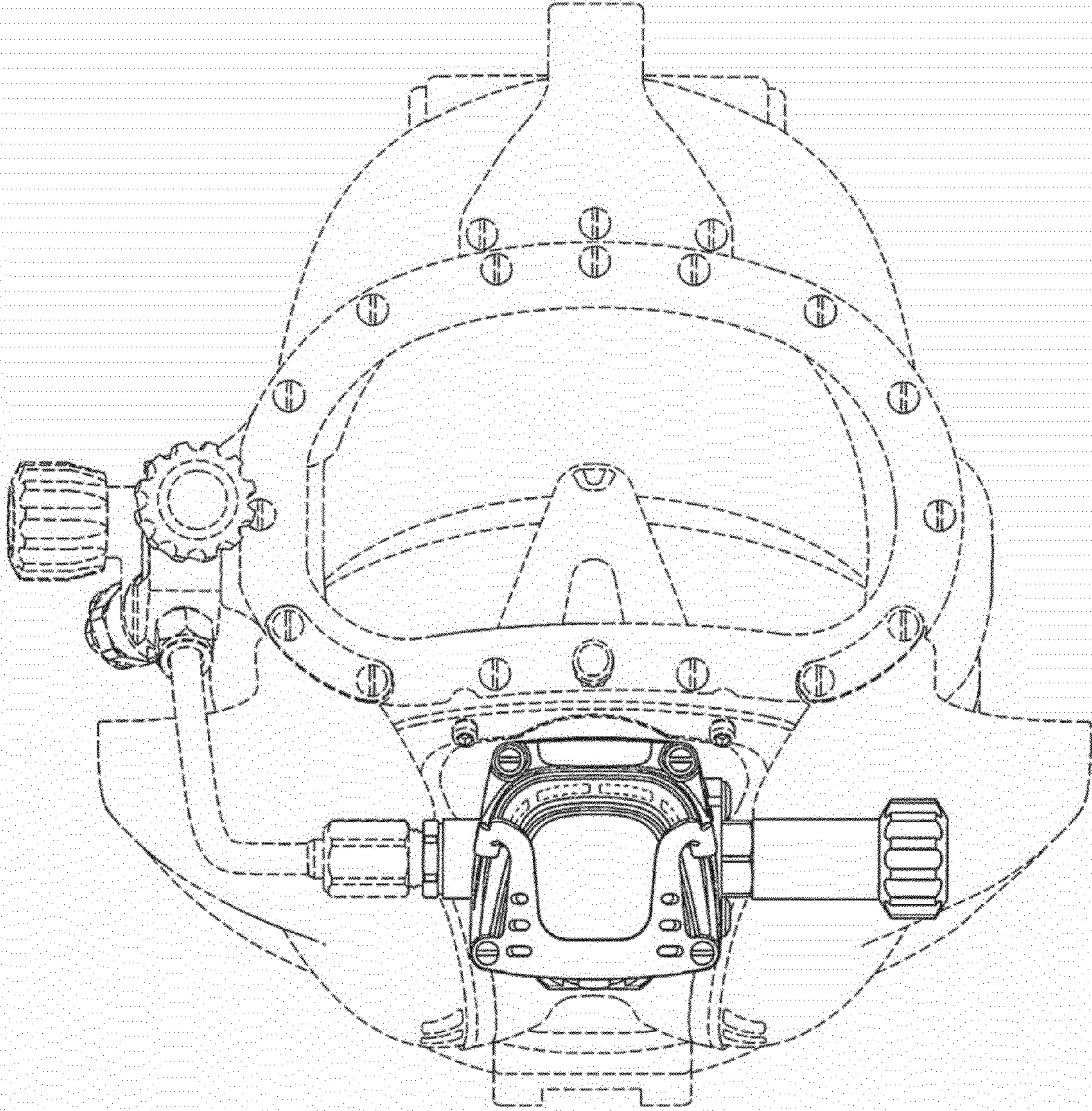


Fig. 7

