



US00D694407S

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

(10) **Patent No.:** **US D694,407 S**
(45) **Date of Patent:** **** Nov. 26, 2013**

(54) **DENTAL TAP**

(75) Inventors: **Andrew Ackermann**, Sandton (ZA);
Graham Alan Blackbeard, Irene (ZA)

(73) Assignee: **Southern Implants (Pty) Ltd**,
Centurion (ZA)

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

(21) Appl. No.: **29/404,645**

(22) Filed: **Oct. 24, 2011**

(51) **LOC (9) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/152; D24/147**

(58) **Field of Classification Search**

USPC D24/133, 146, 152, 155–156, 176, 140;
D8/86, 82, 387; 606/79–80, 98, 104,
606/96; 433/75, 114, 141, 165, 173–174,
433/193–195

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

418,108 A * 12/1889 Browne 433/165
1,813,741 A * 7/1931 Harper 433/165

(Continued)

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Clark & Elbing LLP; Todd
Armstrong

(57) **CLAIM**

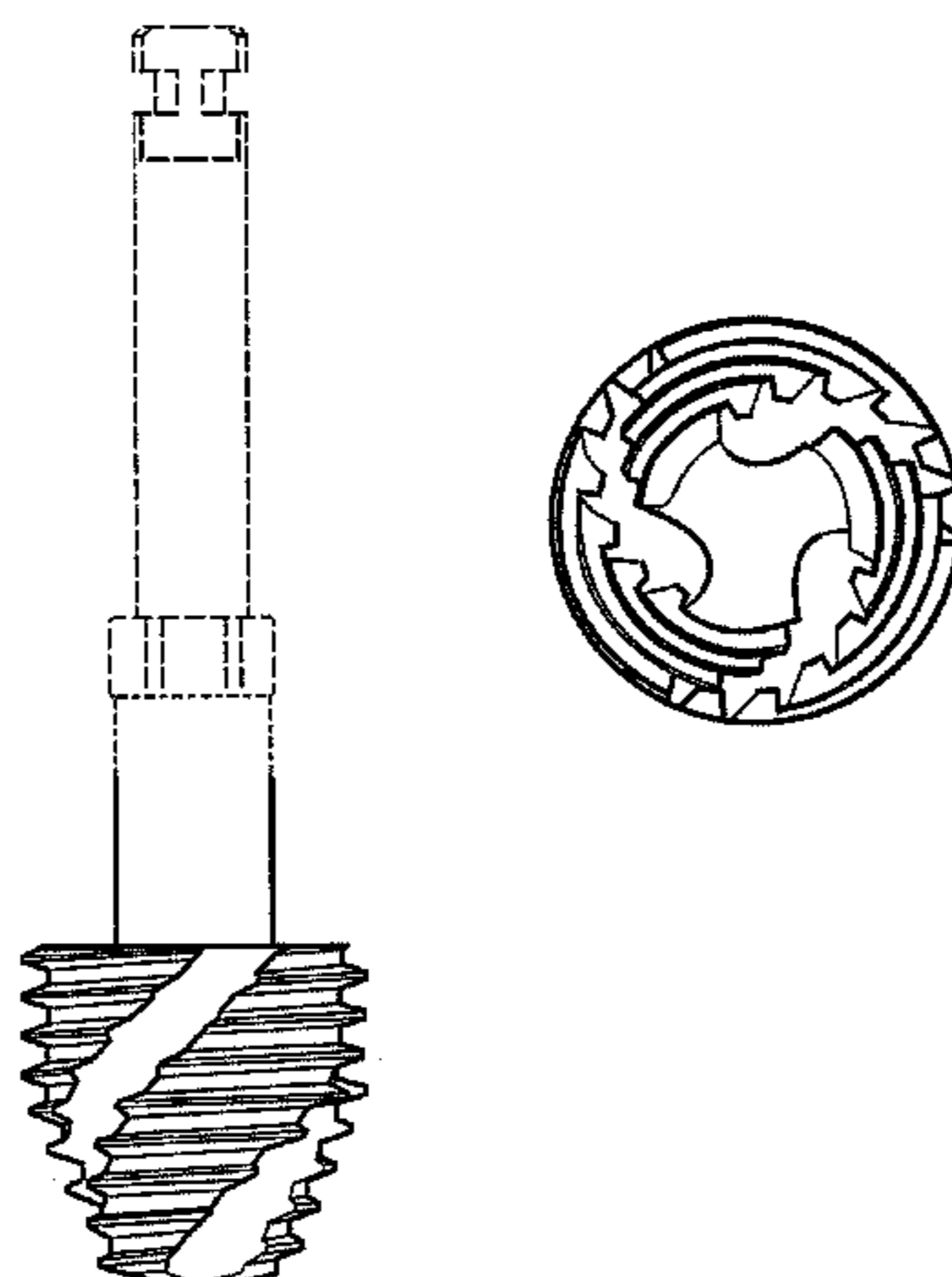
The ornamental design for a dental tap, as shown and
described.

DESCRIPTION

FIG. 1 shows a typical side view of a first embodiment of a
dental tap;
FIG. 2 shows a bottom axial view of the dental tap of FIG. 1;
FIG. 3 shows a top axial view of the dental tap of FIG. 1;
FIG. 4 shows a typical side view of a second embodiment of
a dental tap;
FIG. 5 shows a bottom axial view of the dental tap of FIG. 4;

FIG. 6 shows a top axial view of the dental tap of FIG. 4;
FIG. 7 shows a typical side view of a third embodiment of a
dental tap;
FIG. 8 shows a bottom axial view of the dental tap of FIG. 7;
FIG. 9 shows a top axial view of the dental tap of FIG. 7;
FIG. 10 shows a typical side view of a fourth embodiment of
a dental tap;
FIG. 11 shows a bottom axial view of the dental tap of FIG.
10;
FIG. 12 shows a top axial view of the dental tap of FIG. 10;
FIG. 13 shows a typical side view of a fifth embodiment of a
dental tap;
FIG. 14 shows a bottom axial view of the dental tap of FIG.
13;
FIG. 15 shows a top axial view of the dental tap of FIG. 13;
FIG. 16 shows a typical side view of a sixth embodiment of a
dental tap;
FIG. 17 shows a bottom axial view of the dental tap of FIG.
16;
FIG. 18 shows a top axial view of the dental tap of FIG. 16;
FIG. 19 shows a typical side view of a seventh embodiment of
a dental tap;
FIG. 20 shows a bottom axial view of the dental tap of FIG.
19;
FIG. 21 shows a top axial view of the dental tap of FIG. 19;
FIG. 22 shows a typical side view of an eighth embodiment of
a dental tap;
FIG. 23 shows a bottom axial view of the dental tap of FIG.
22;
FIG. 24 shows a top axial view of the dental tap of FIG. 22;
FIG. 25 shows a typical side view of a ninth embodiment of a
dental tap;
FIG. 26 shows a bottom axial view of the dental tap of FIG.
25; and,
FIG. 27 shows a top axial view of the dental tap of FIG. 25.
The evenly dashed broken lines in the drawings illustrate the
portions of the design that form no part of the claimed design.
The dot-dot-dash broken line in the drawings defines the
bounds of the claim. None of the broken lines form part of the
claimed design.
The dental tap is used to make a threaded opening in bone to
receive a dental implant.

1 Claim, 18 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,261,818	A *	11/1993	Shaw	.....	433/165	7,341,453	B2 *	3/2008	Coatoam	.....	433/173
5,762,498	A *	6/1998	Gonzalez	.....	433/165	2003/0049586	A1 *	3/2003	Kumar	.....	433/165
6,068,632	A *	5/2000	Carchidi et al.	.....	606/79	2005/0043739	A1 *	2/2005	Sullivan et al.	.....	606/80
6,364,662	B1 *	4/2002	Kumar	.....	433/165	2009/0136898	A1 *	5/2009	Kim	.....	433/165
6,863,529	B2 *	3/2005	Strong et al.	.....	433/165	2009/0142731	A1 *	6/2009	Kim	.....	433/165
						2010/0112517	A1 *	5/2010	Chen	.....	433/165
						2012/0129126	A1 *	5/2012	Nouriam et al.	.....	433/75
						2013/0224683	A1 *	8/2013	Zacharia et al.	.....	433/165

* cited by examiner

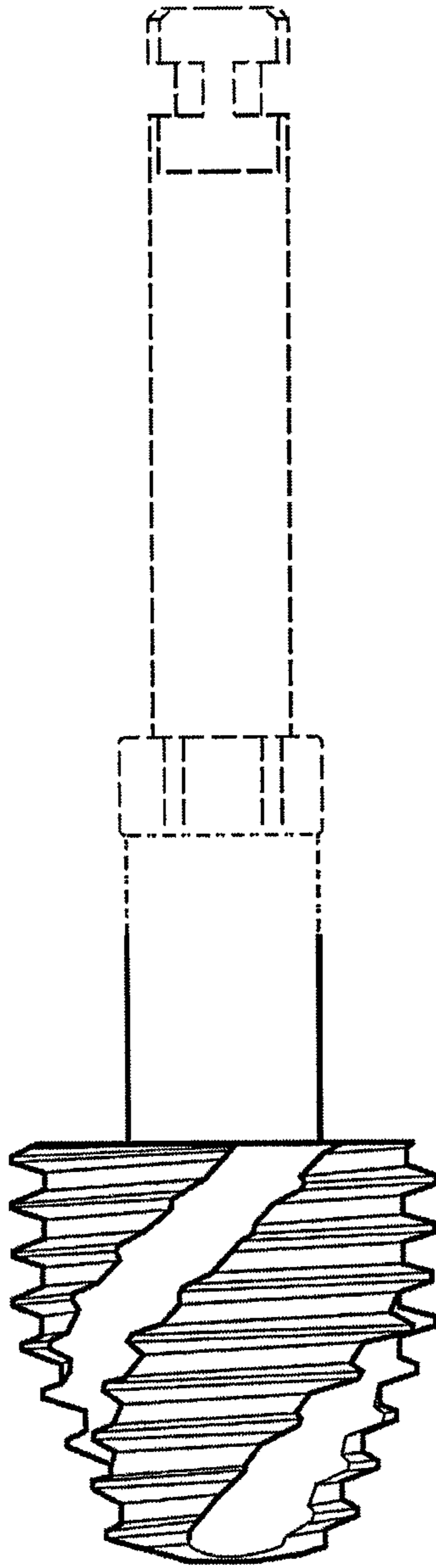


Fig .1

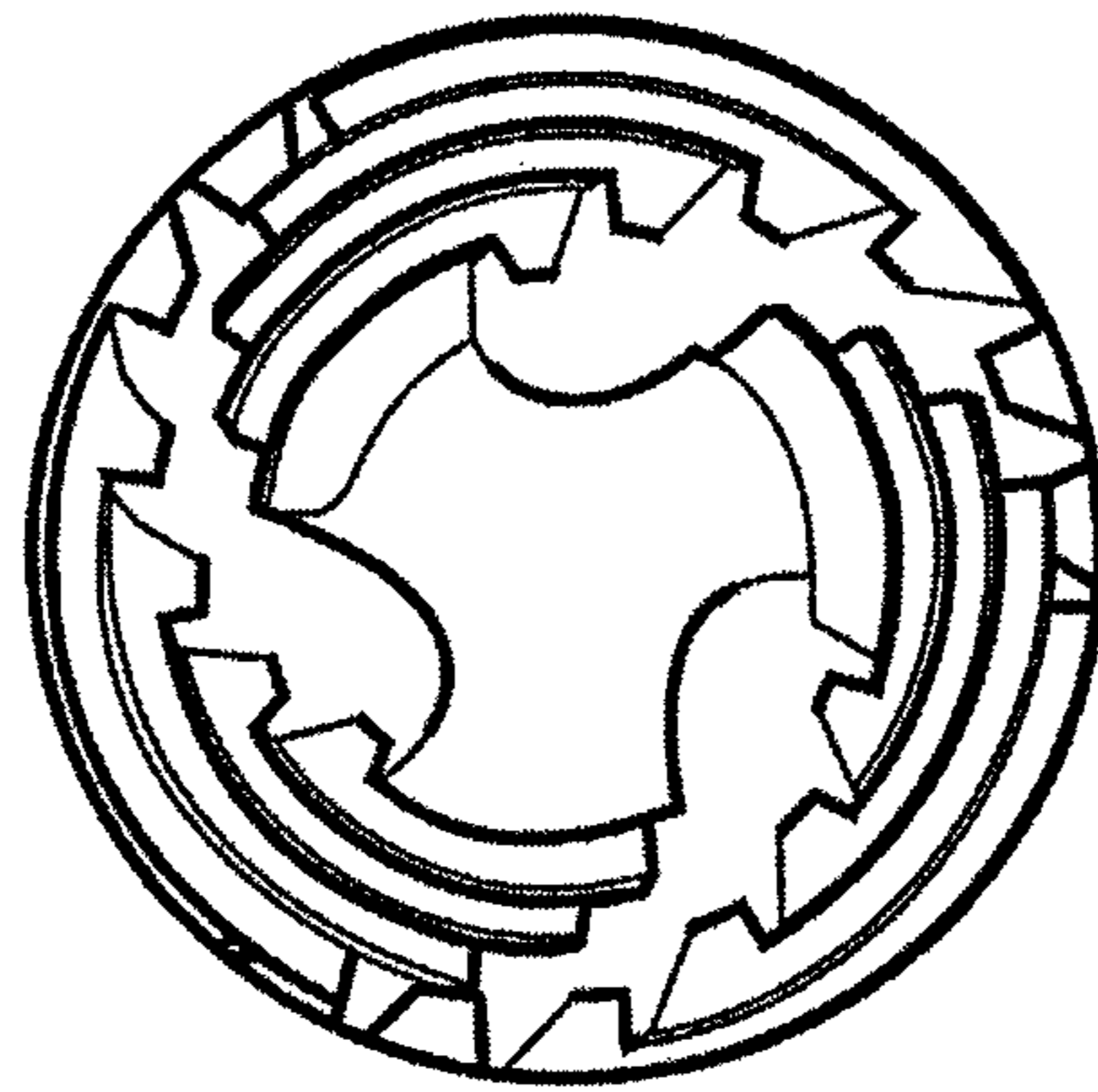


Fig .2

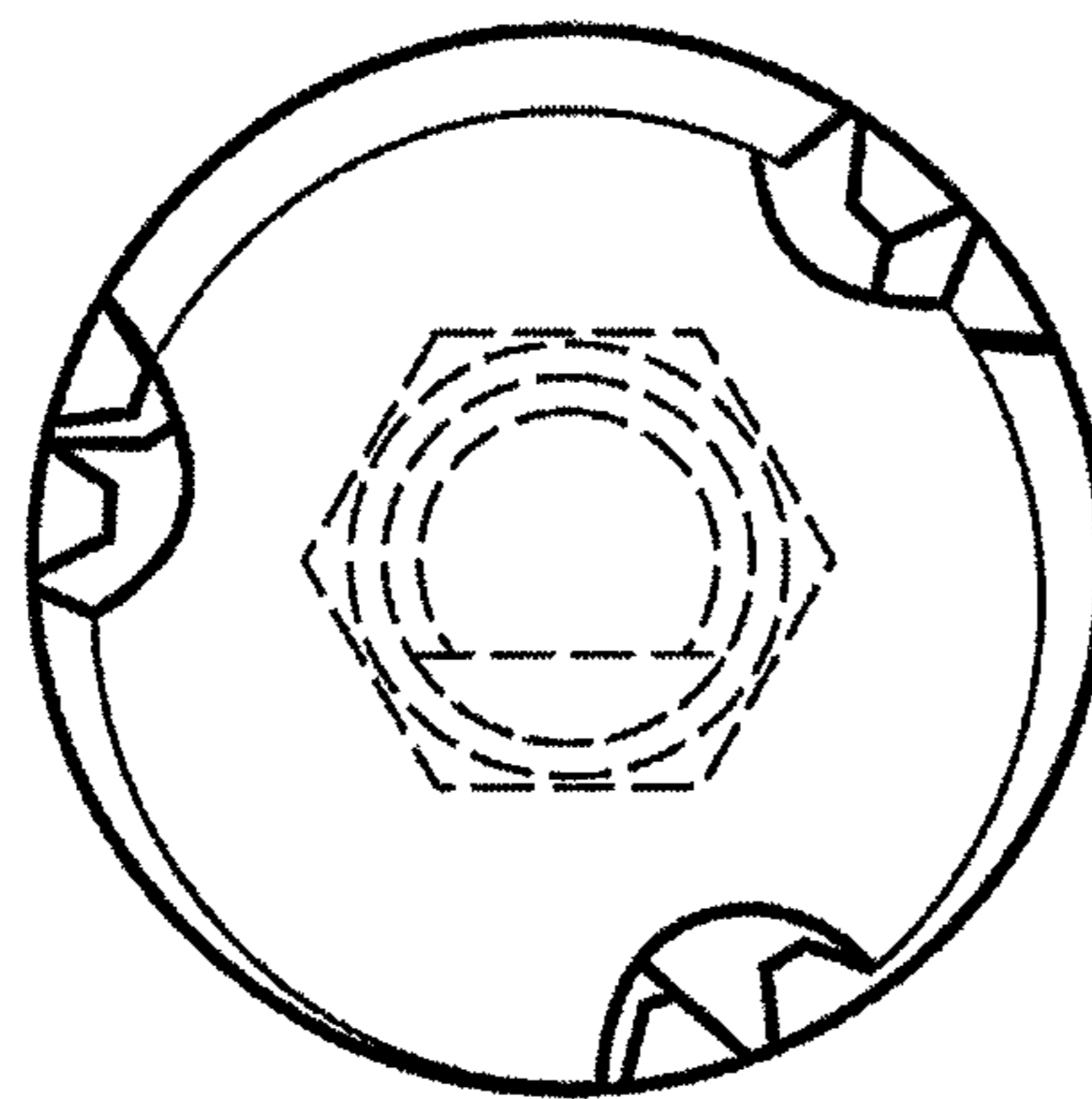


Fig .3

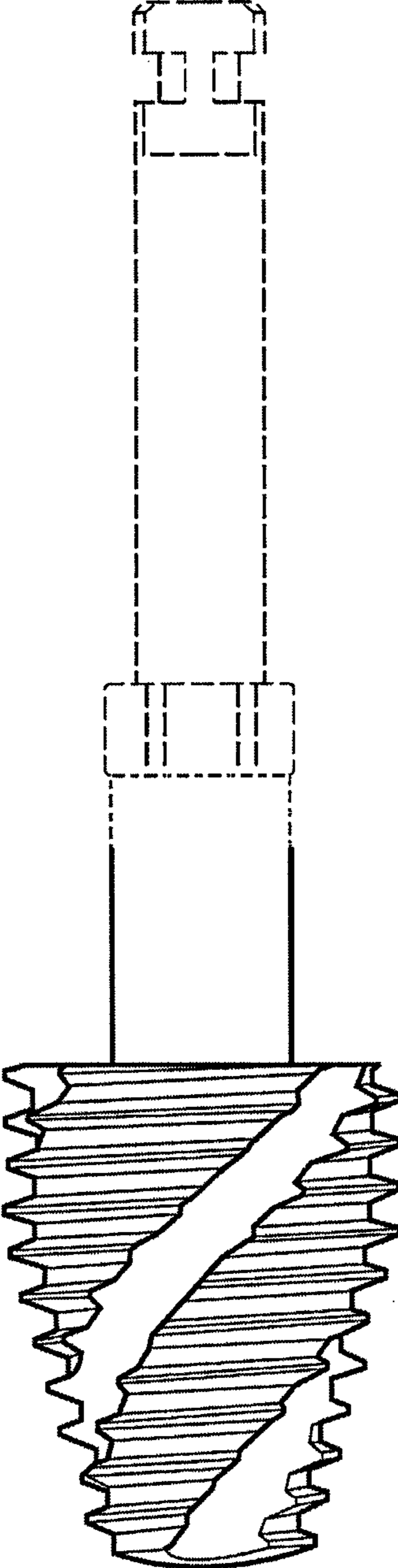


Fig .4

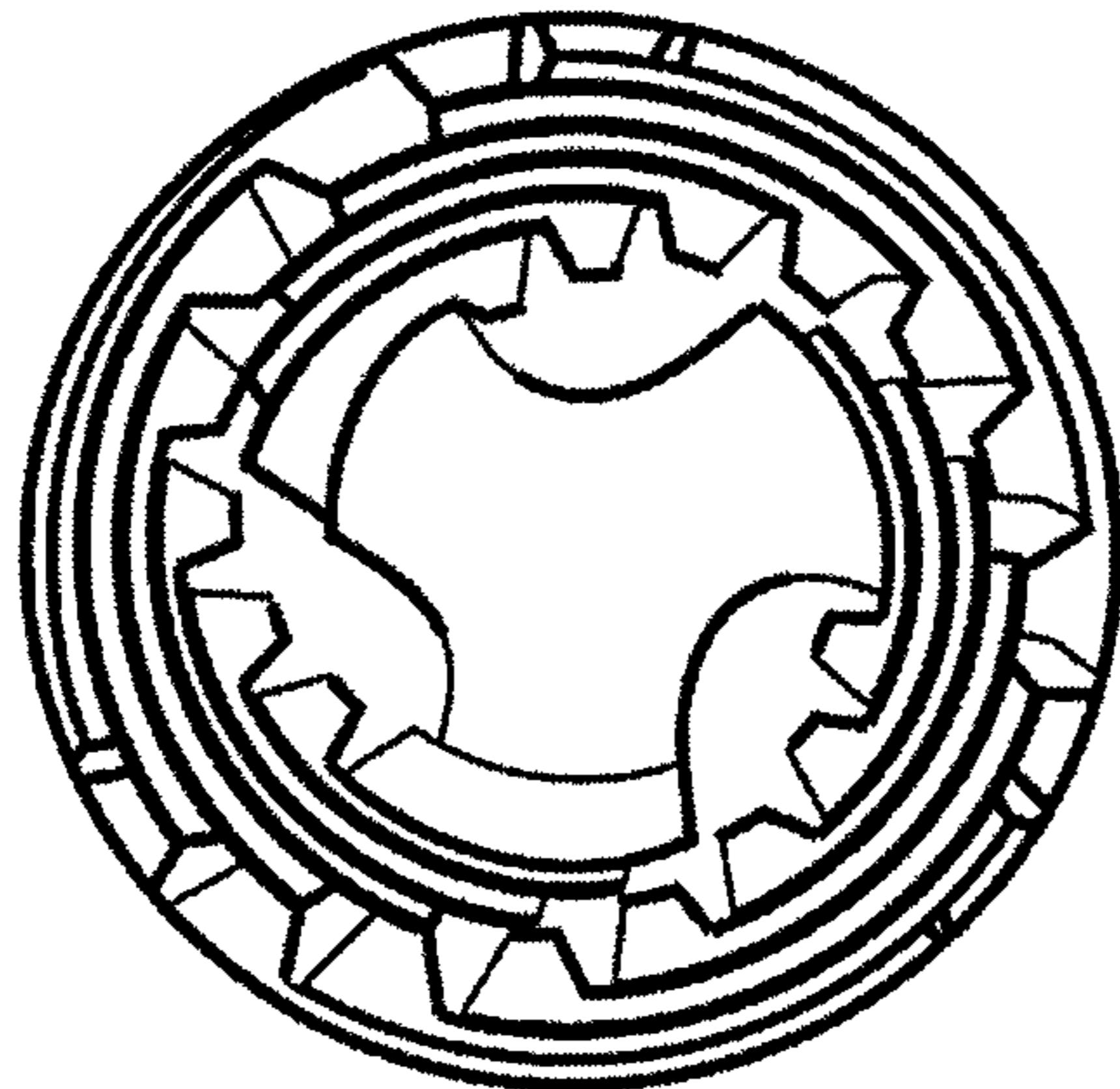


Fig .5

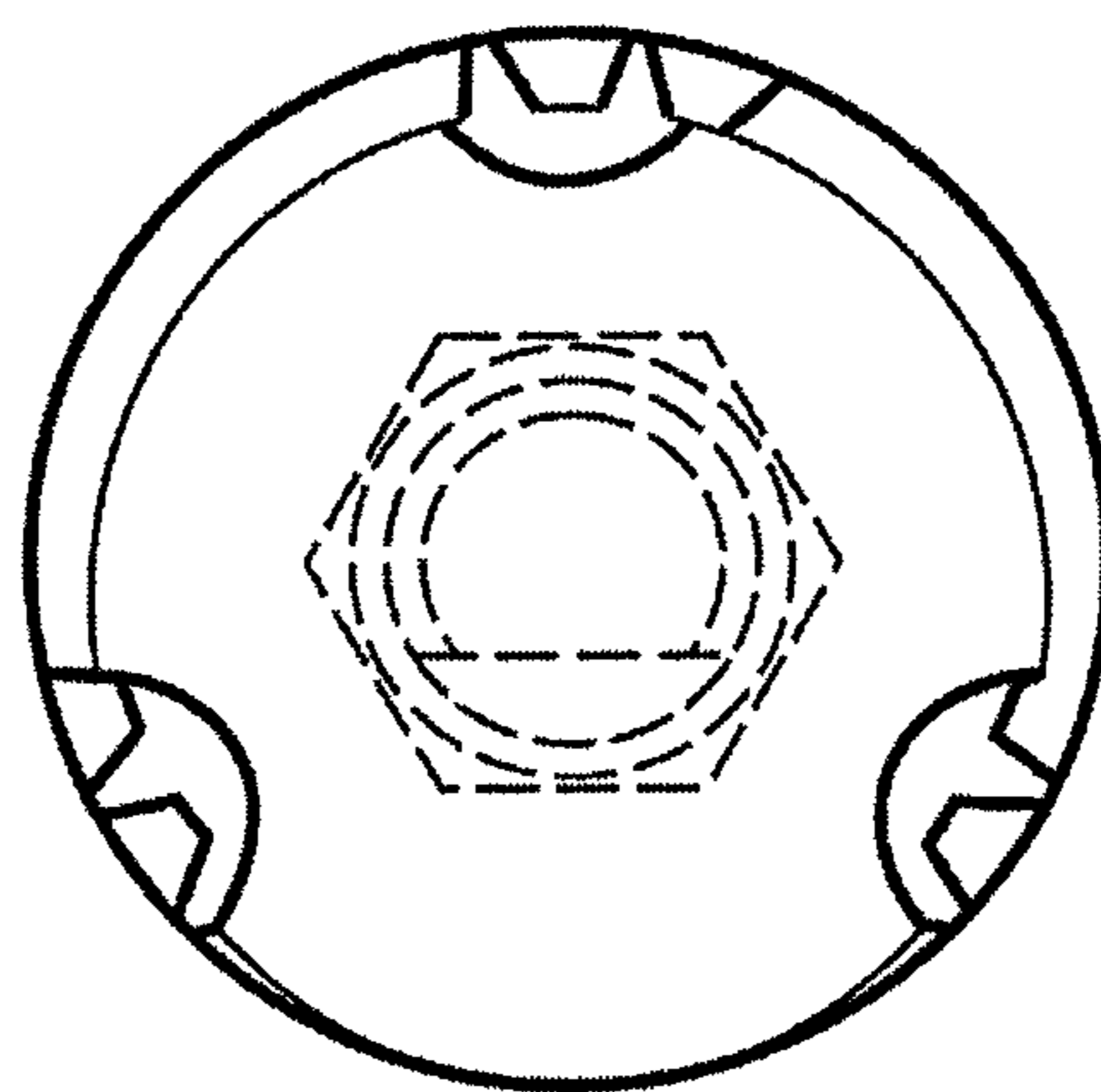


Fig .6

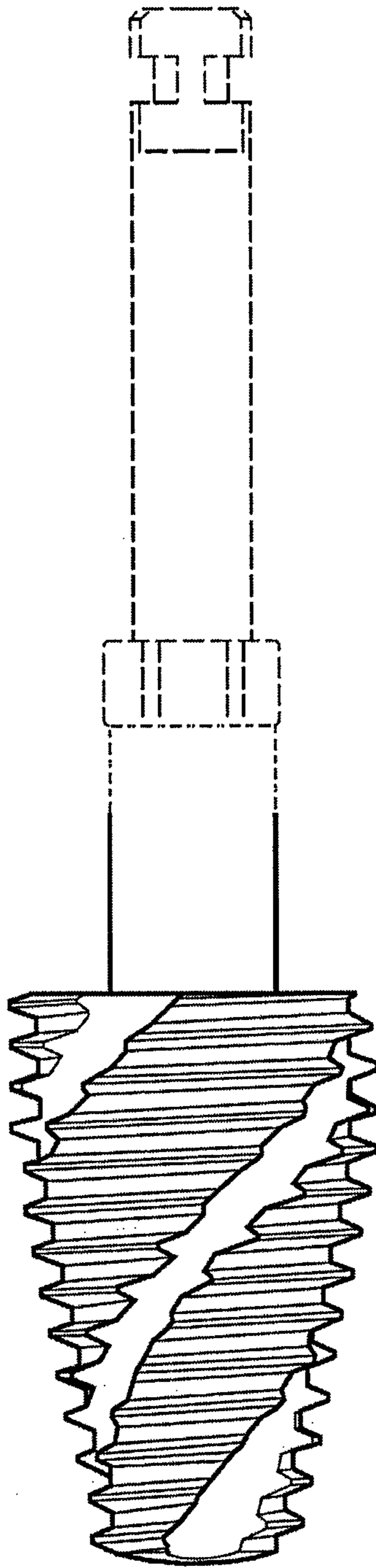


Fig .7

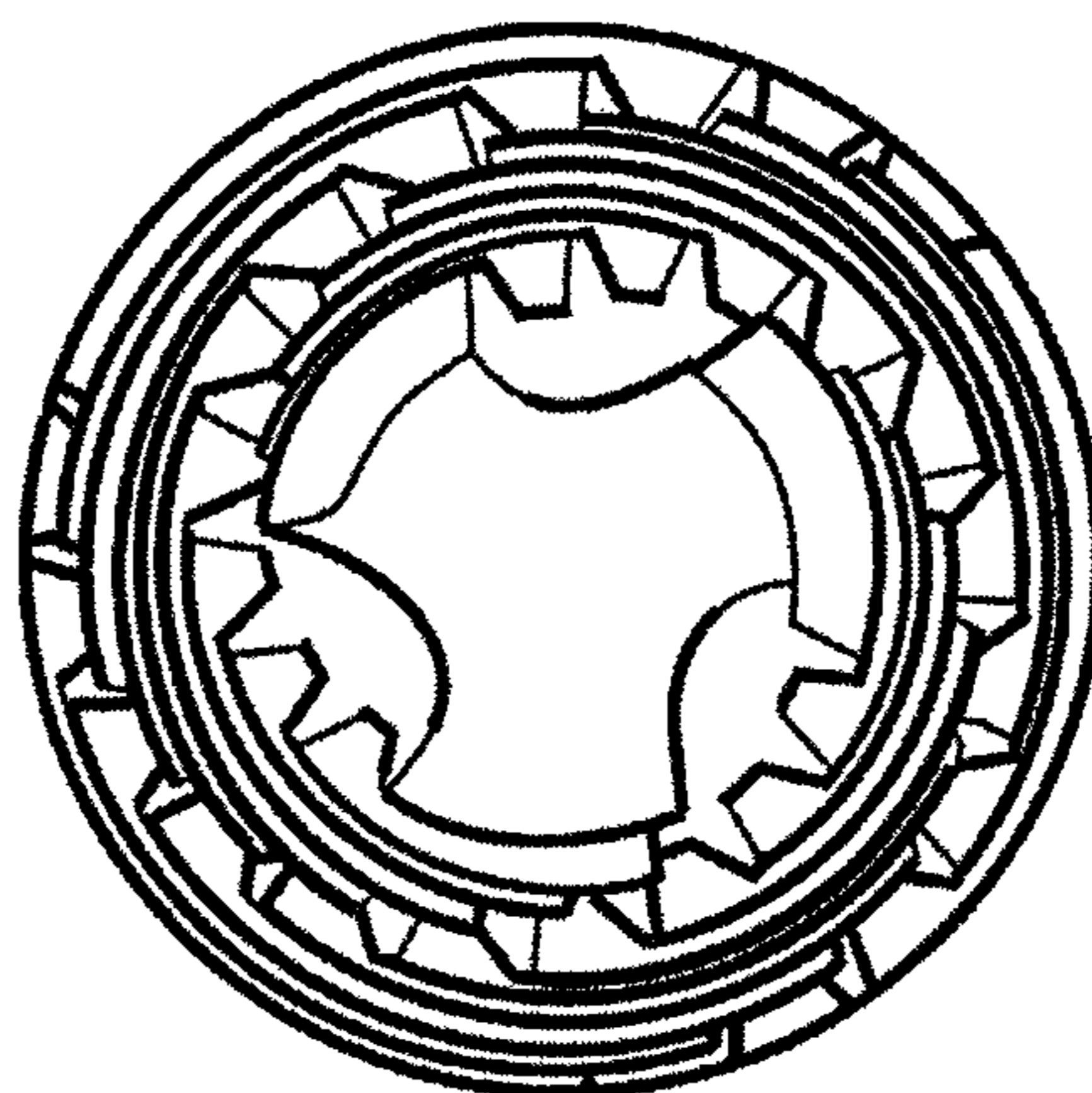


Fig .8

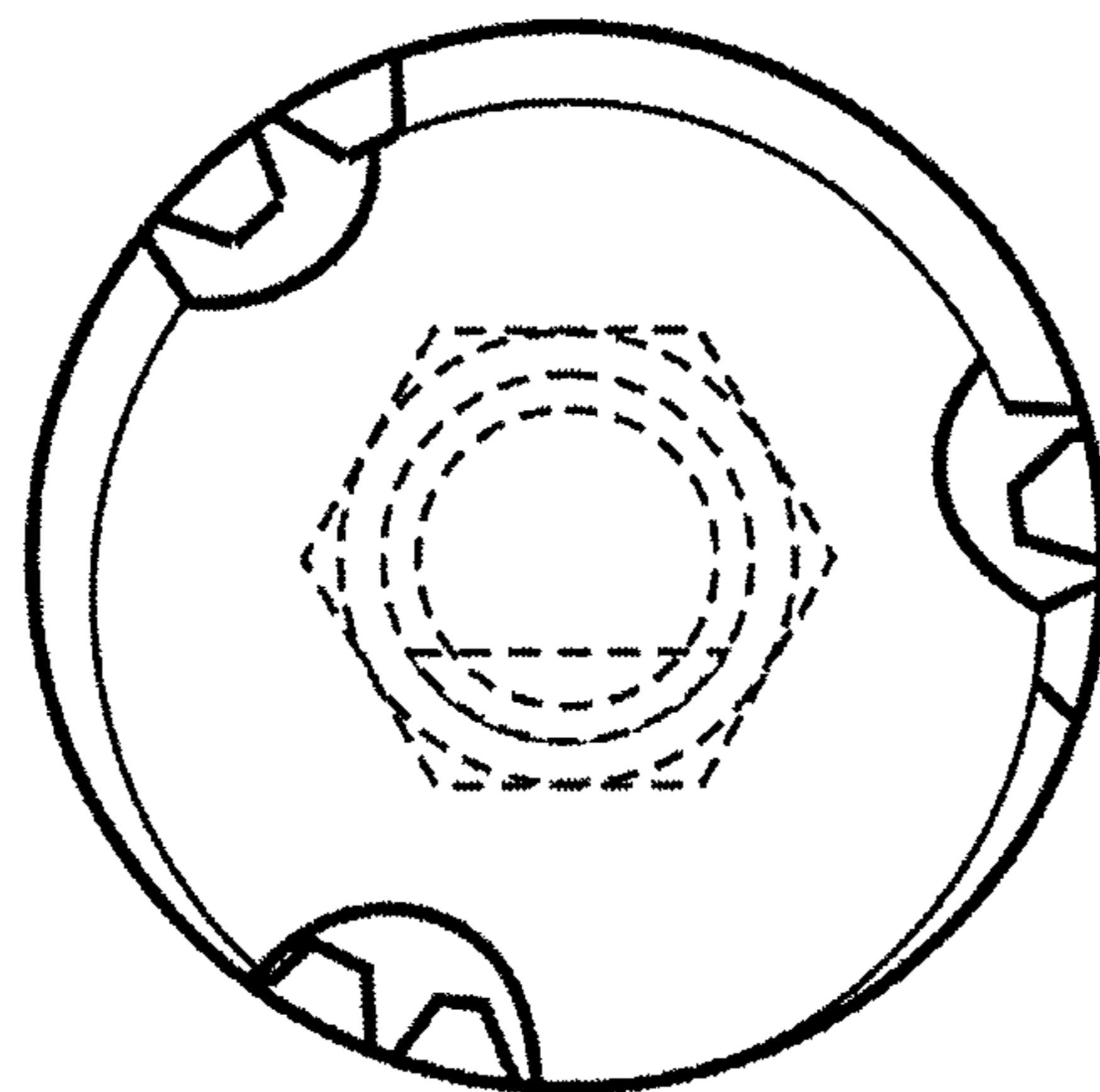


Fig .9

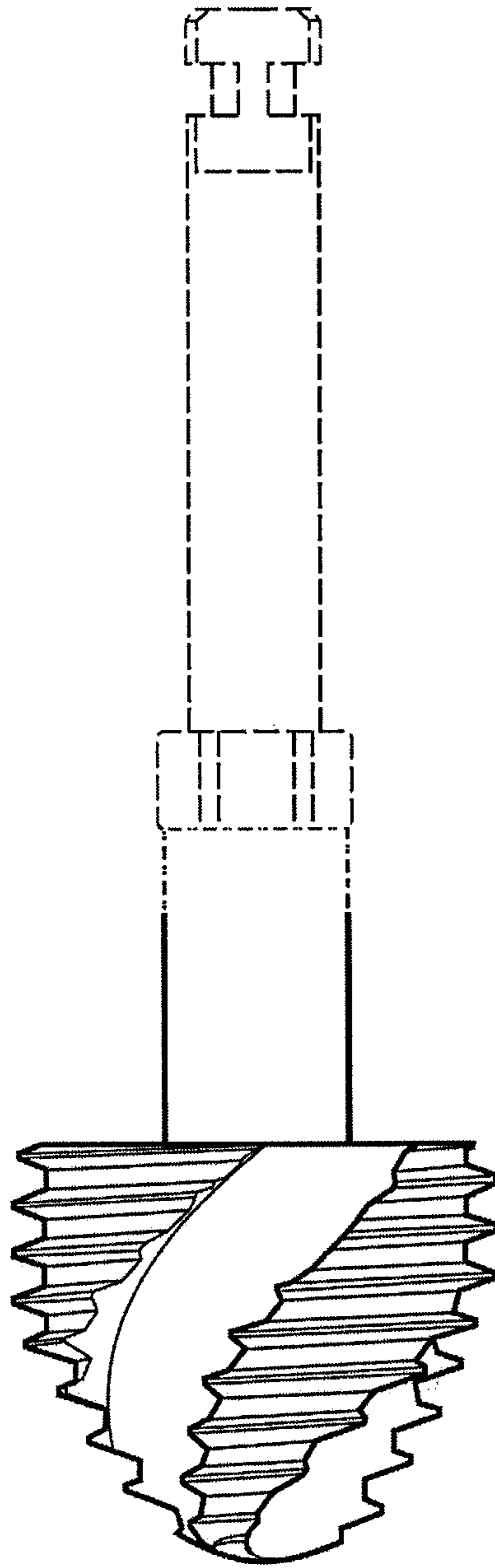


Fig .10

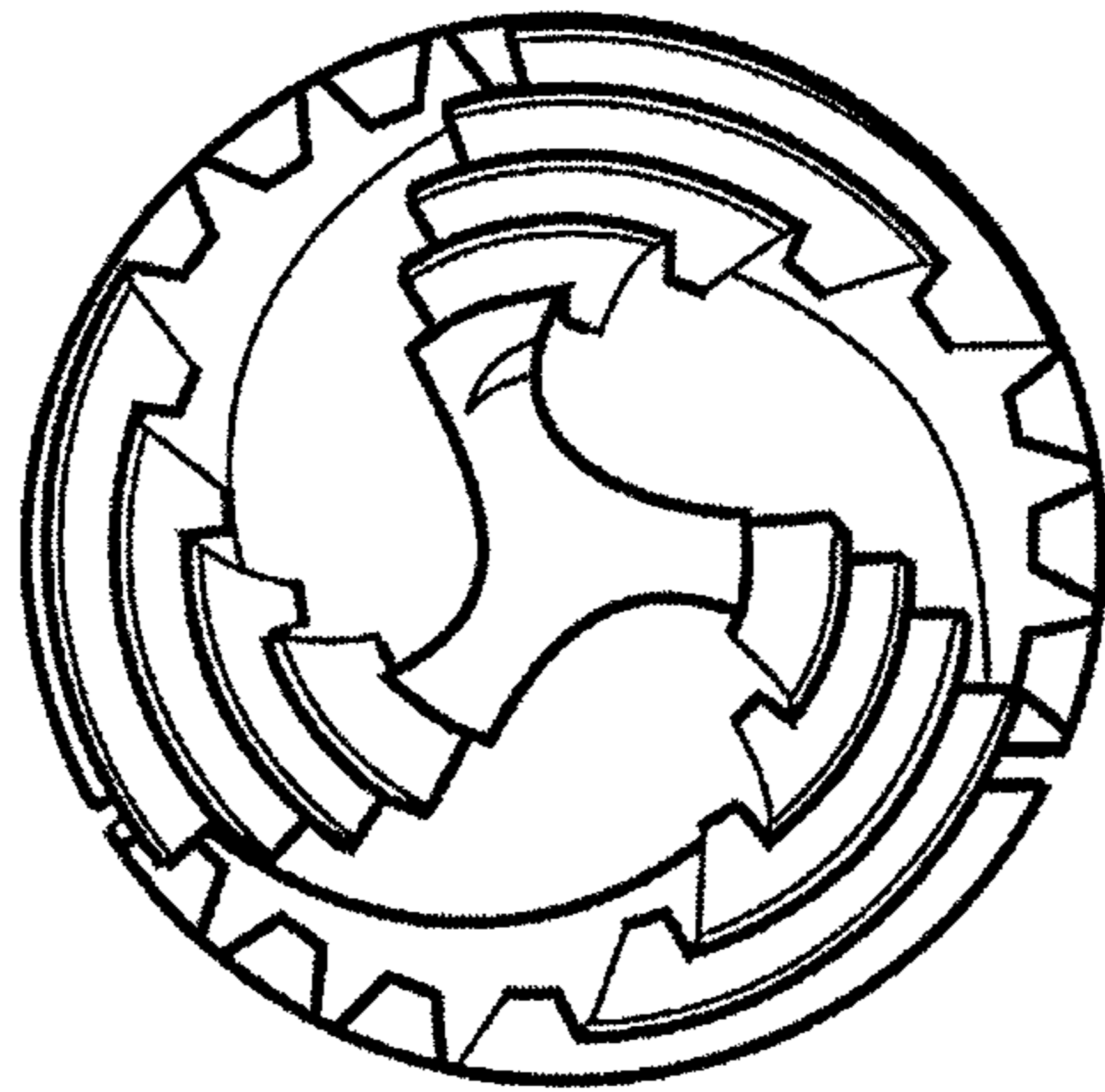


Fig .11

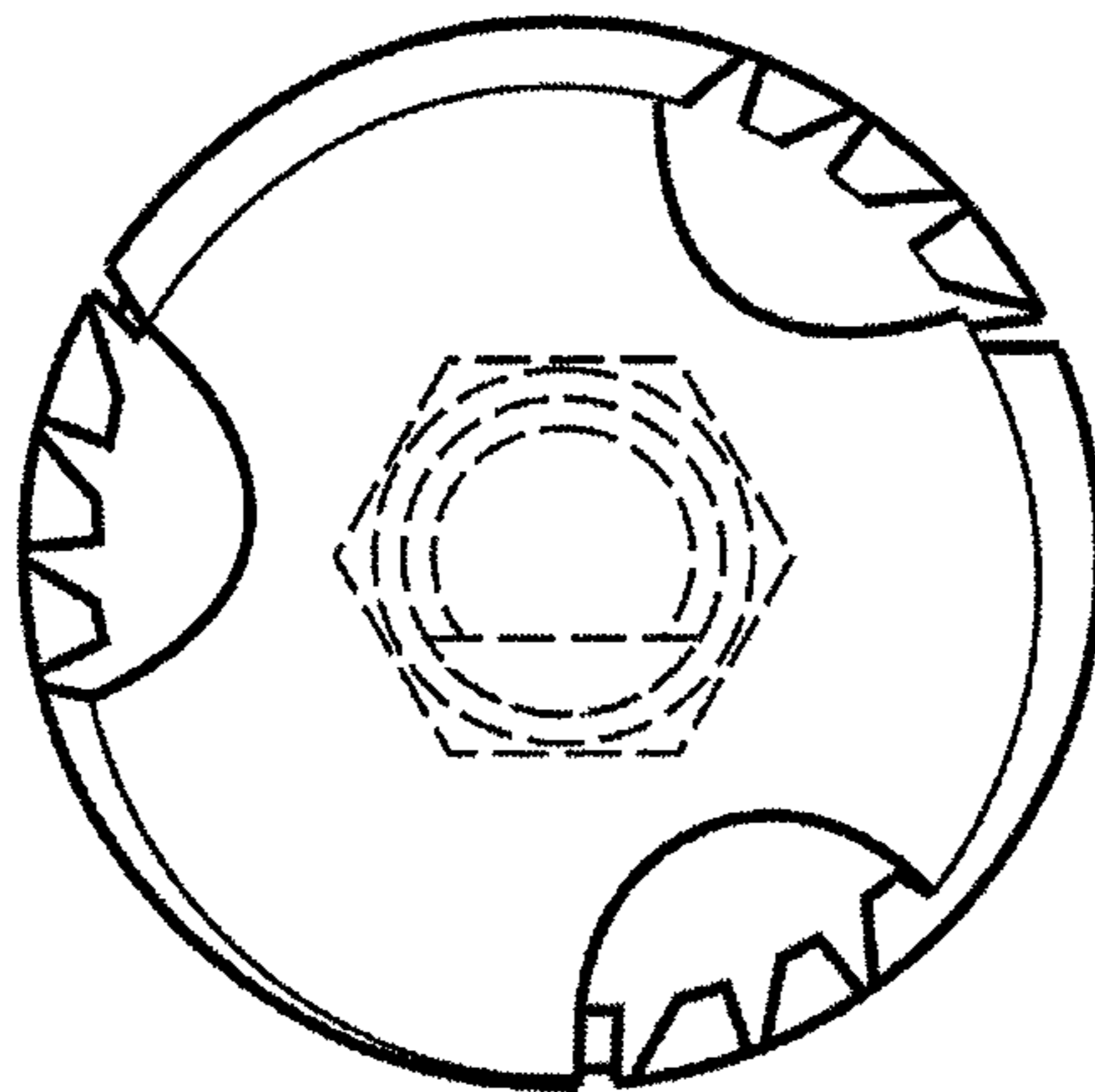


Fig .12

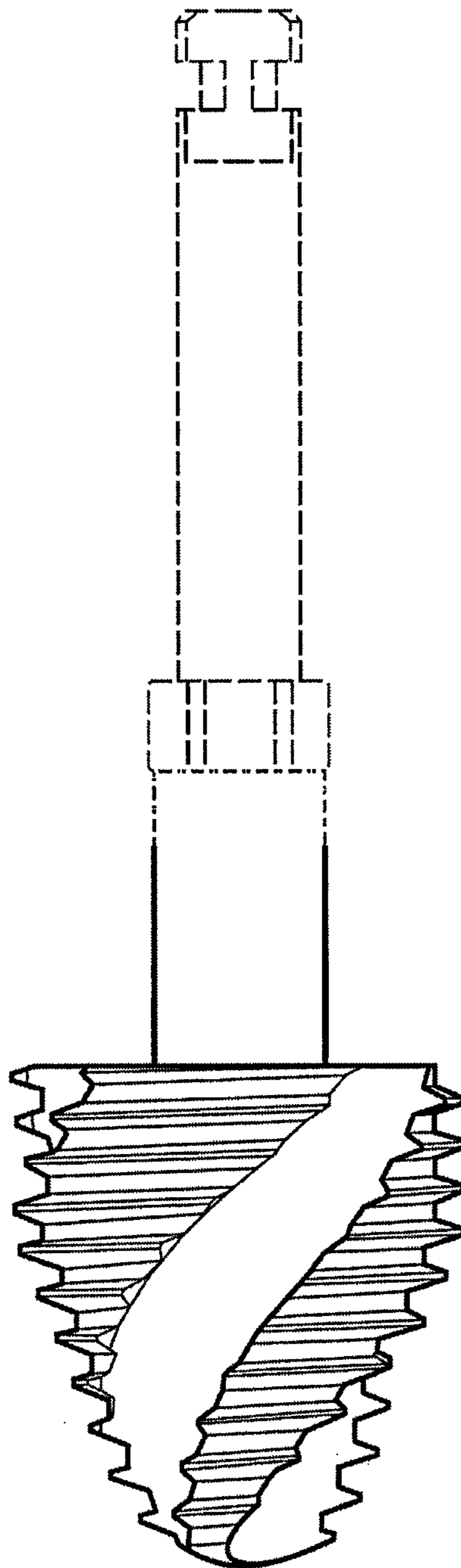


Fig .13

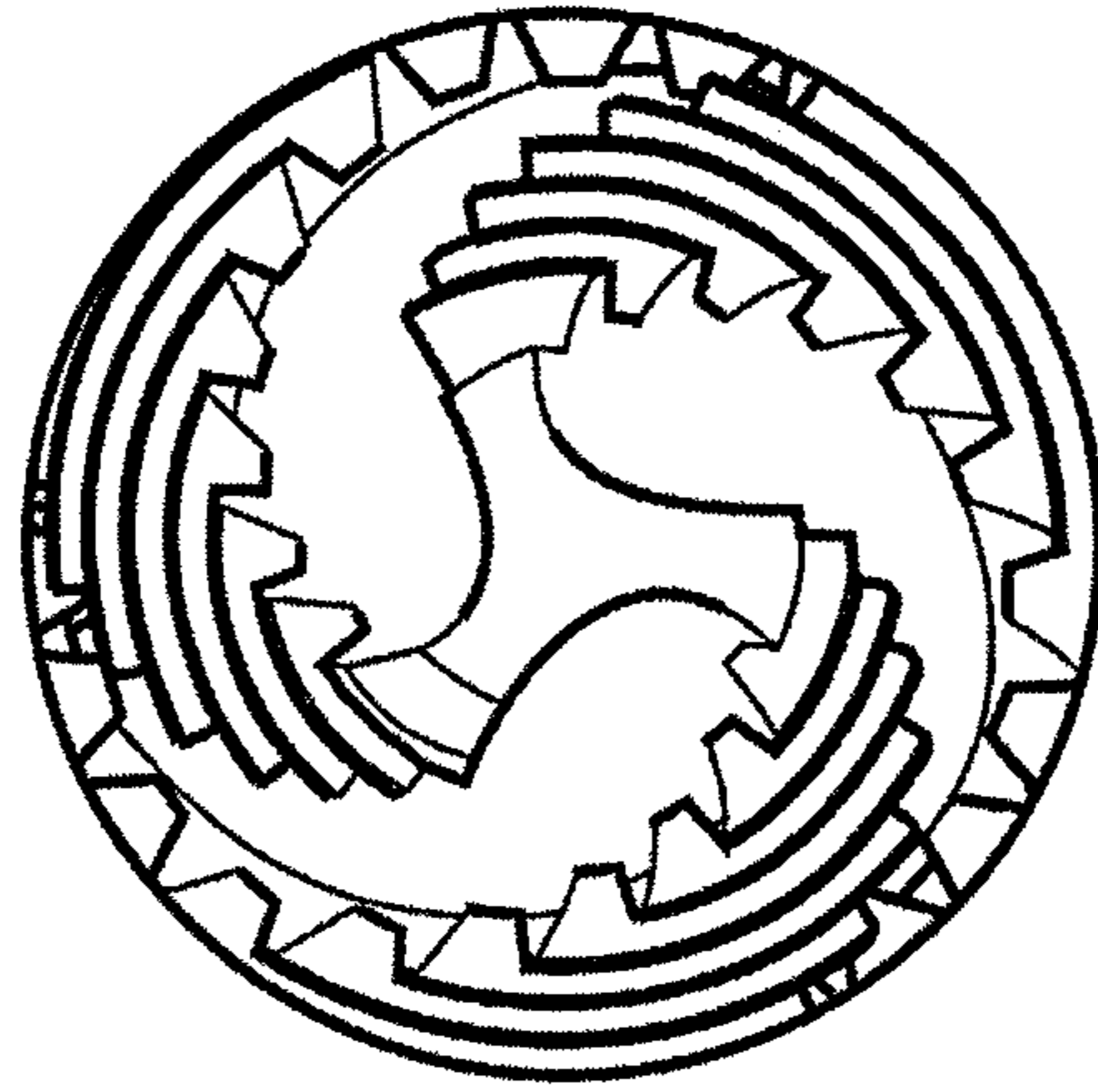


Fig .14

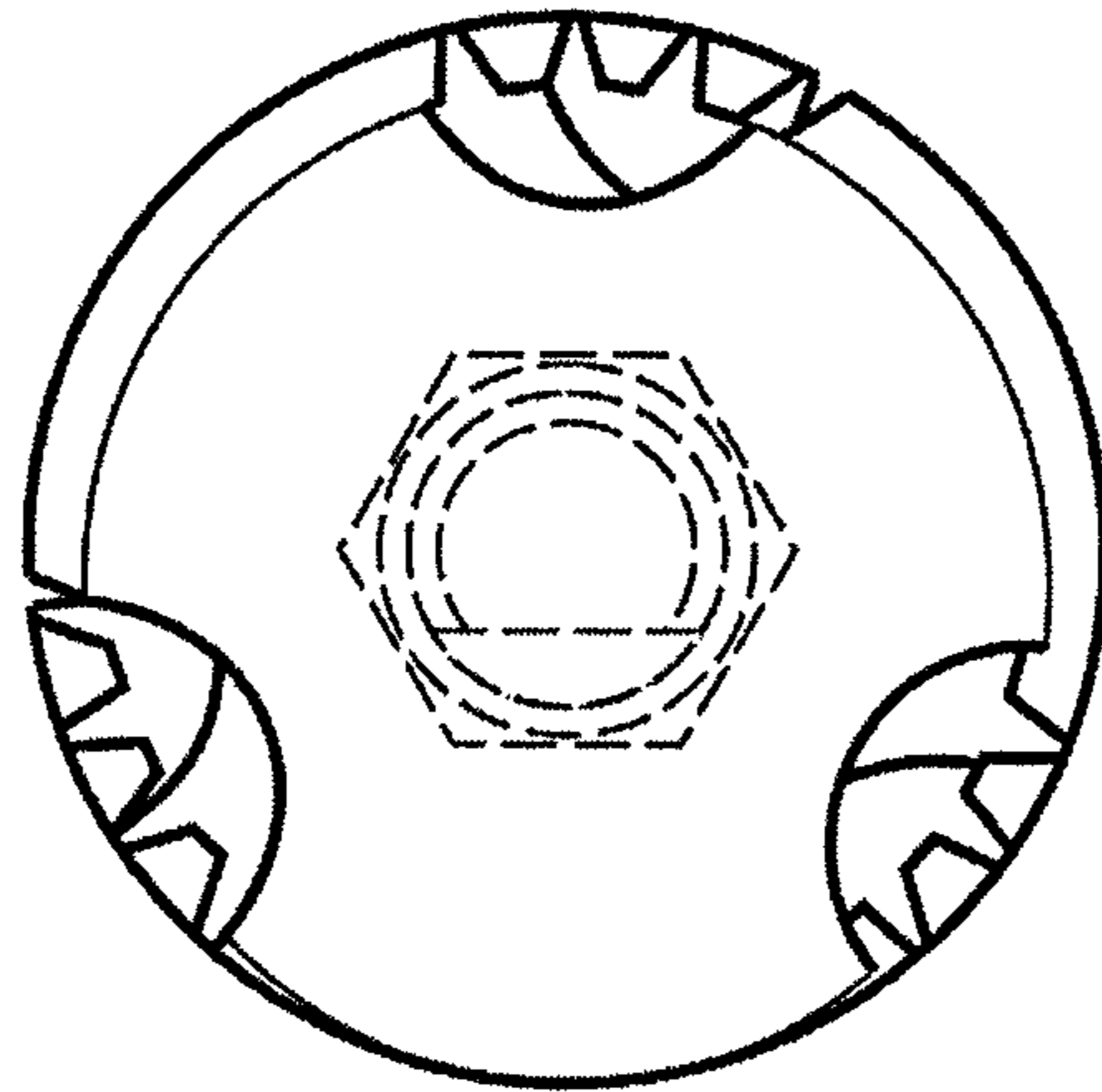


Fig .15

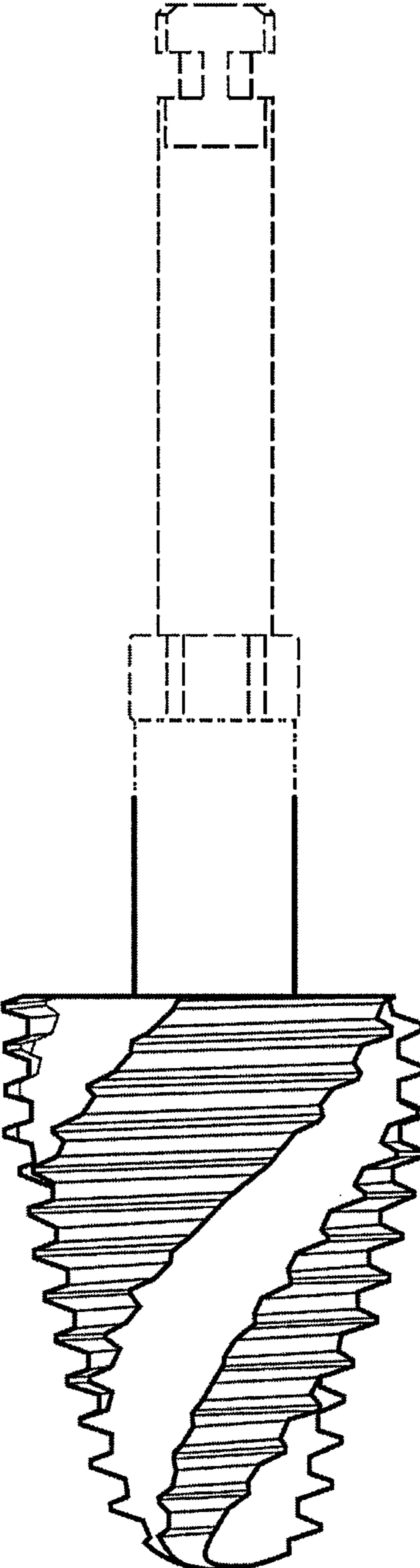


Fig .16

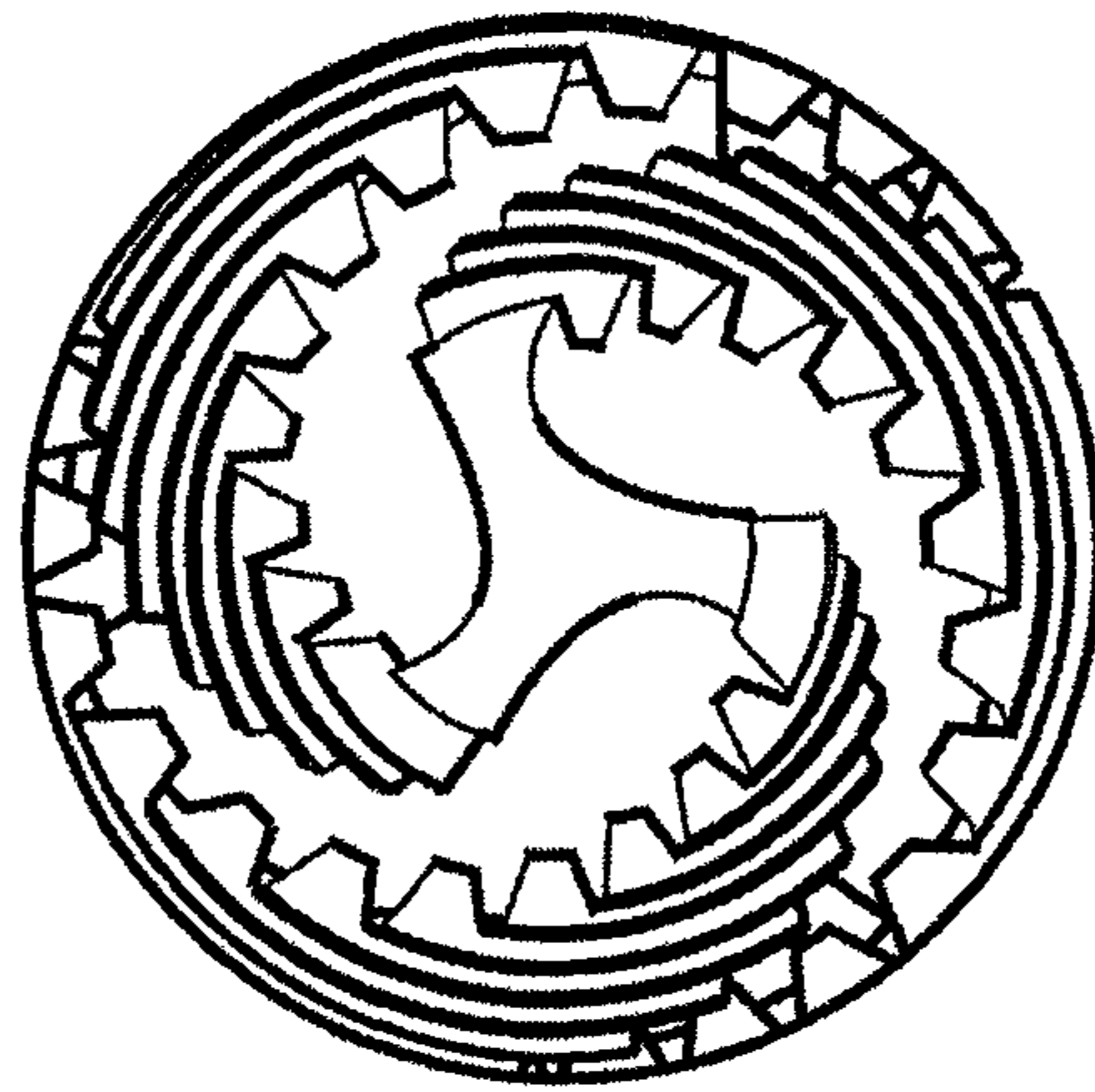


Fig .17

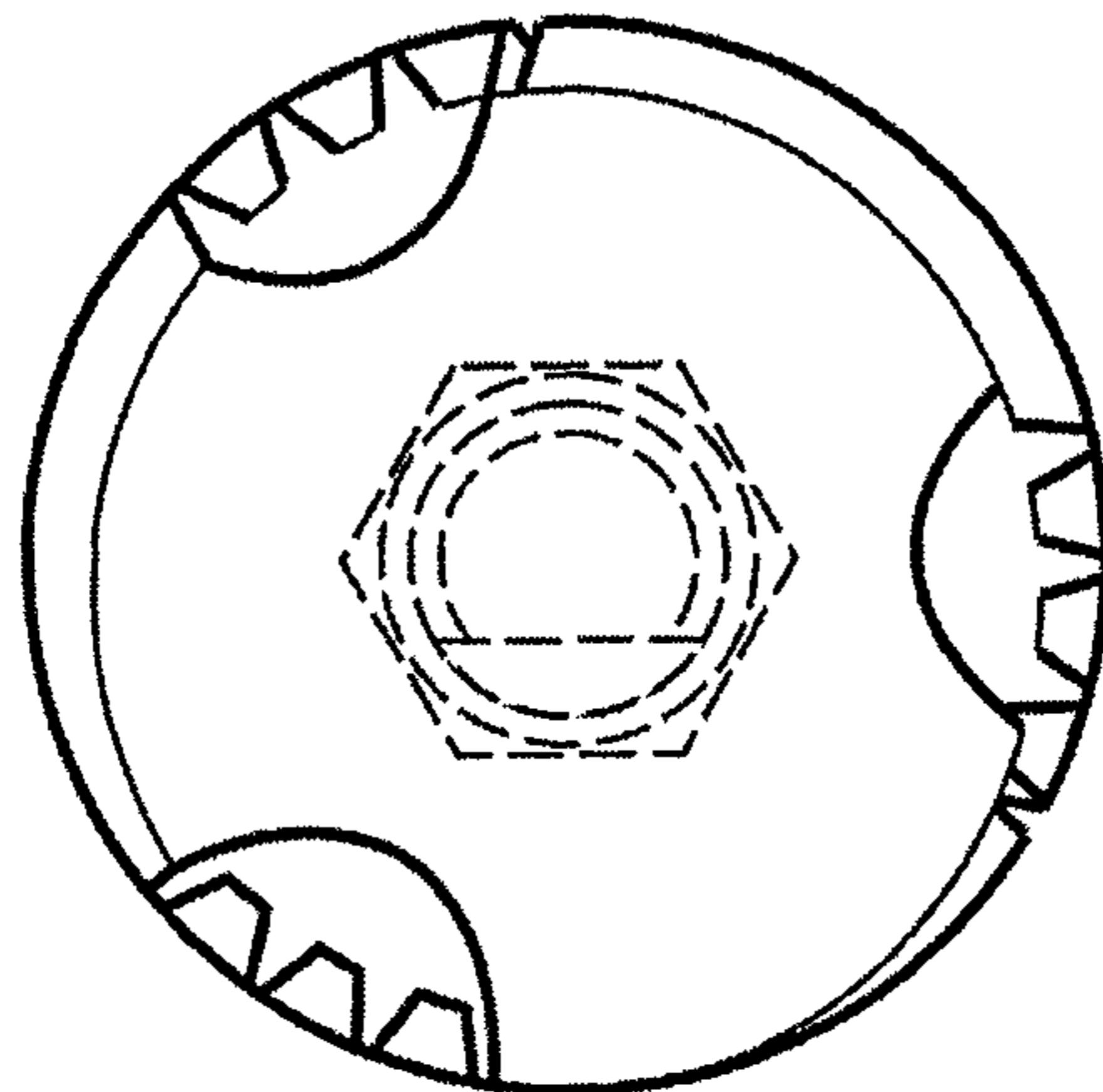


Fig .18

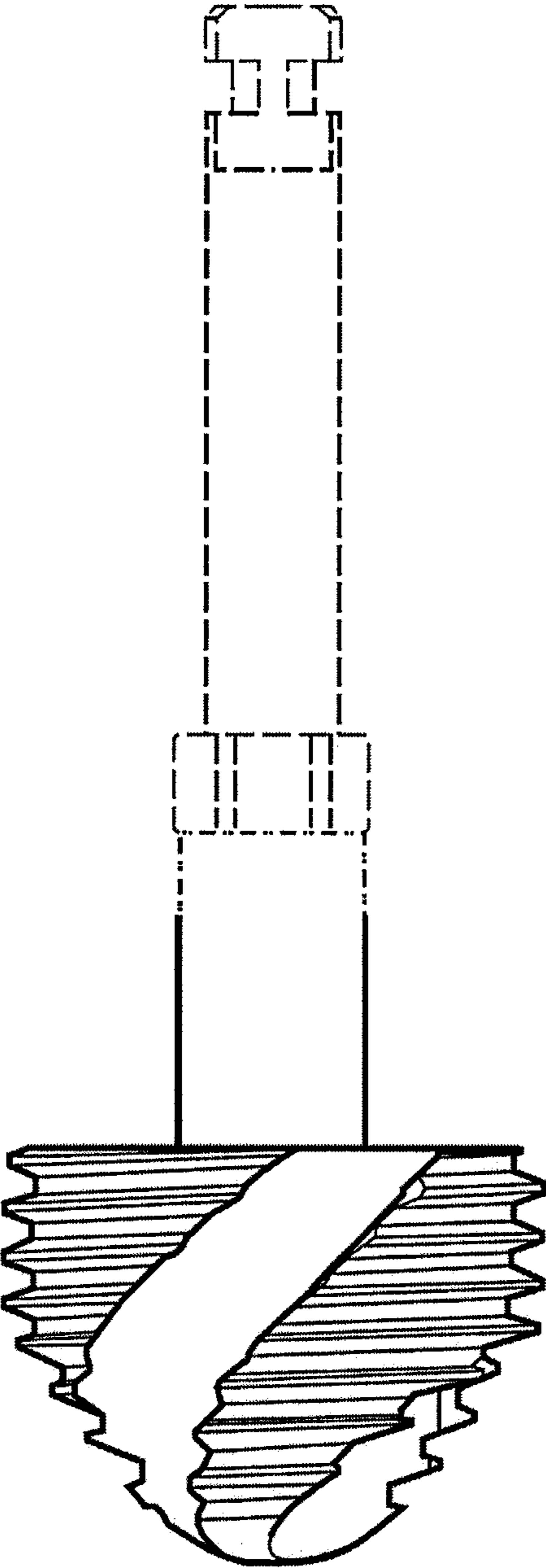


Fig .19

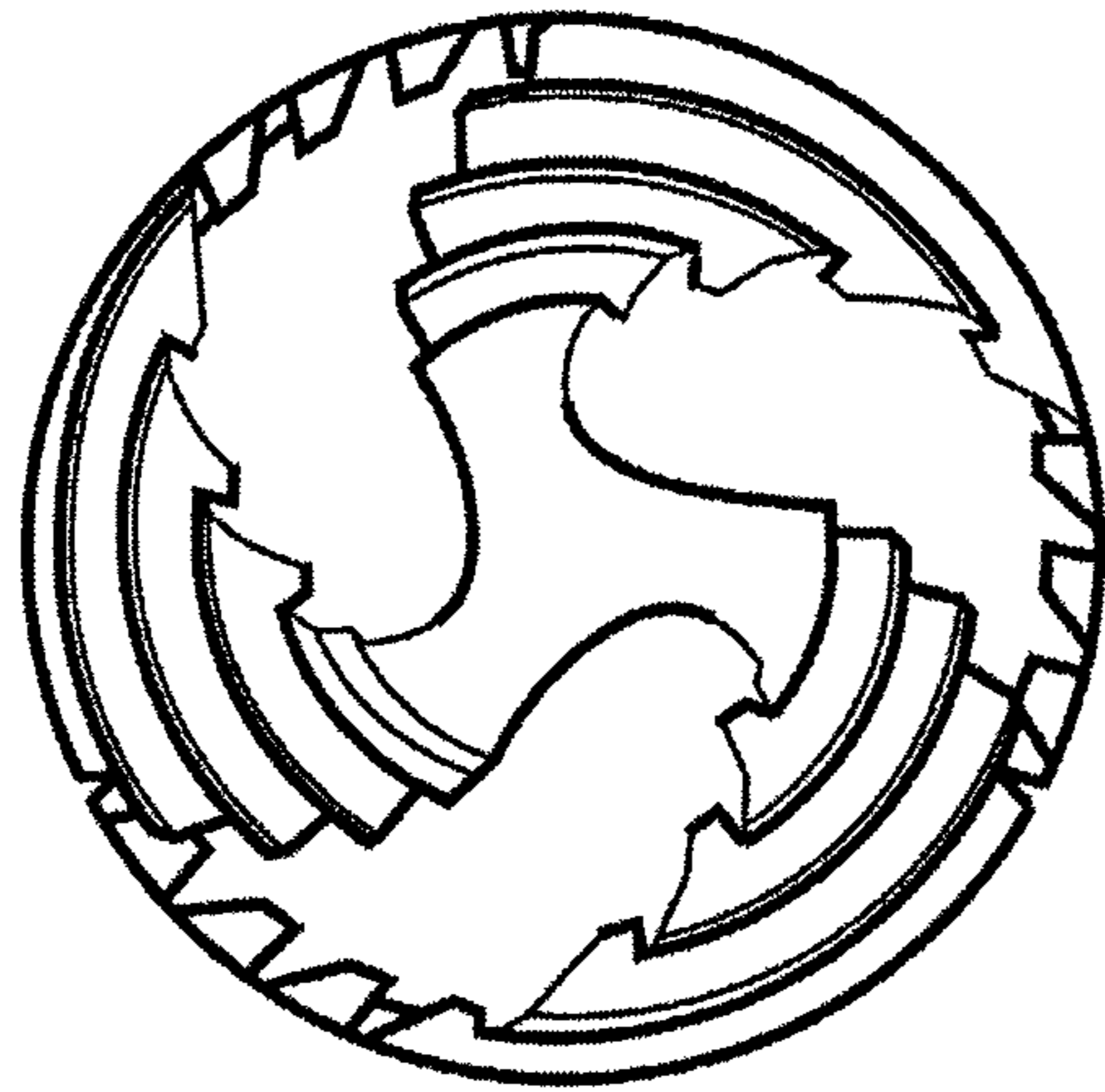


Fig .20

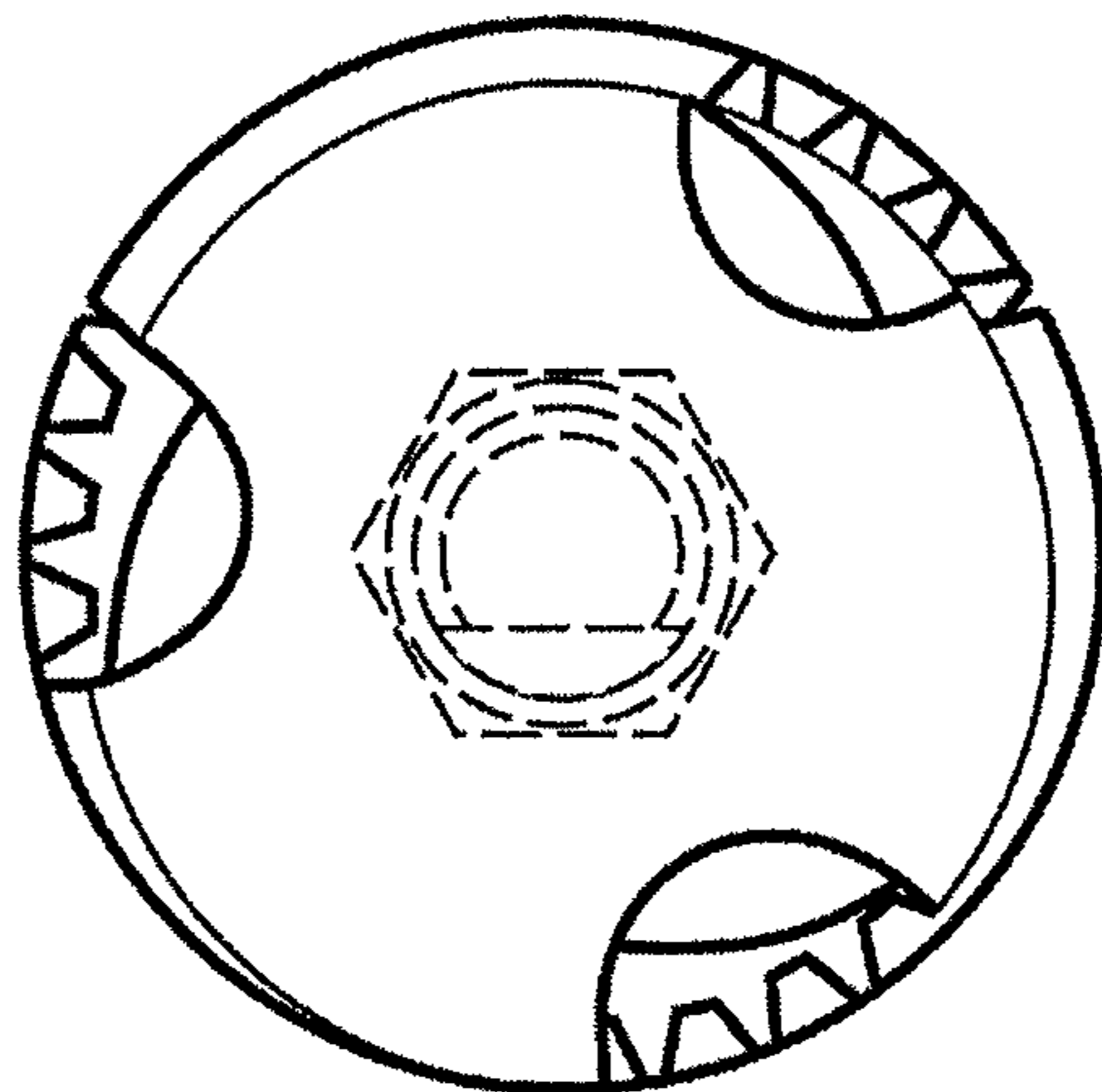


Fig .21

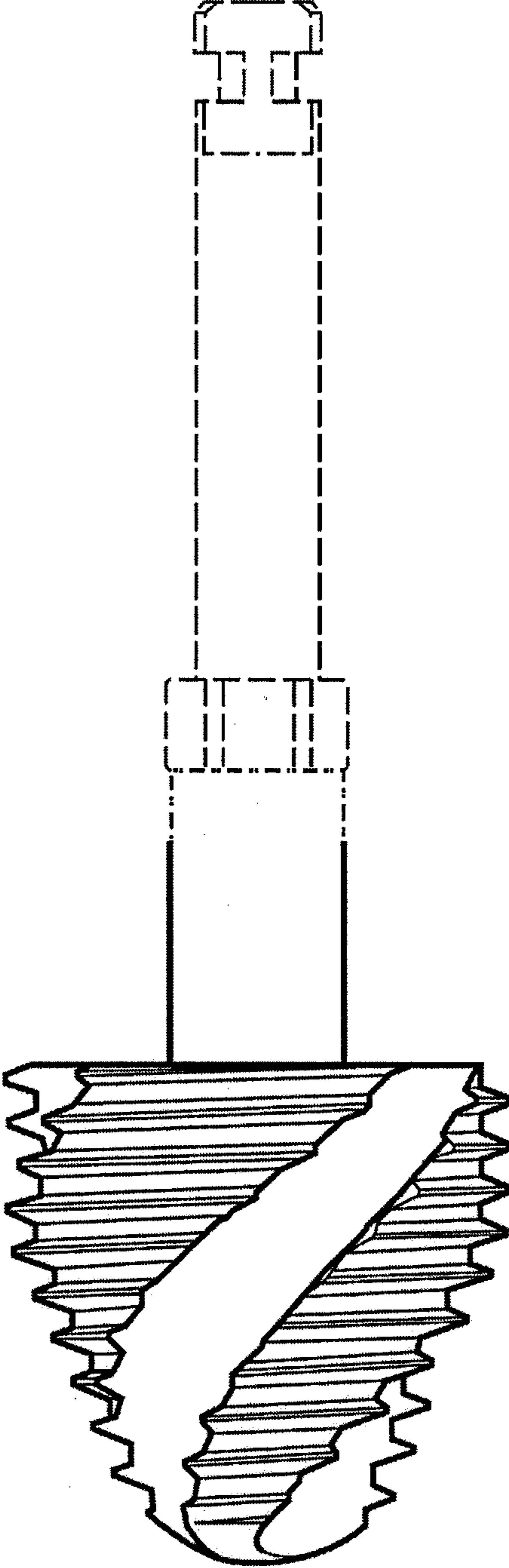


Fig .22

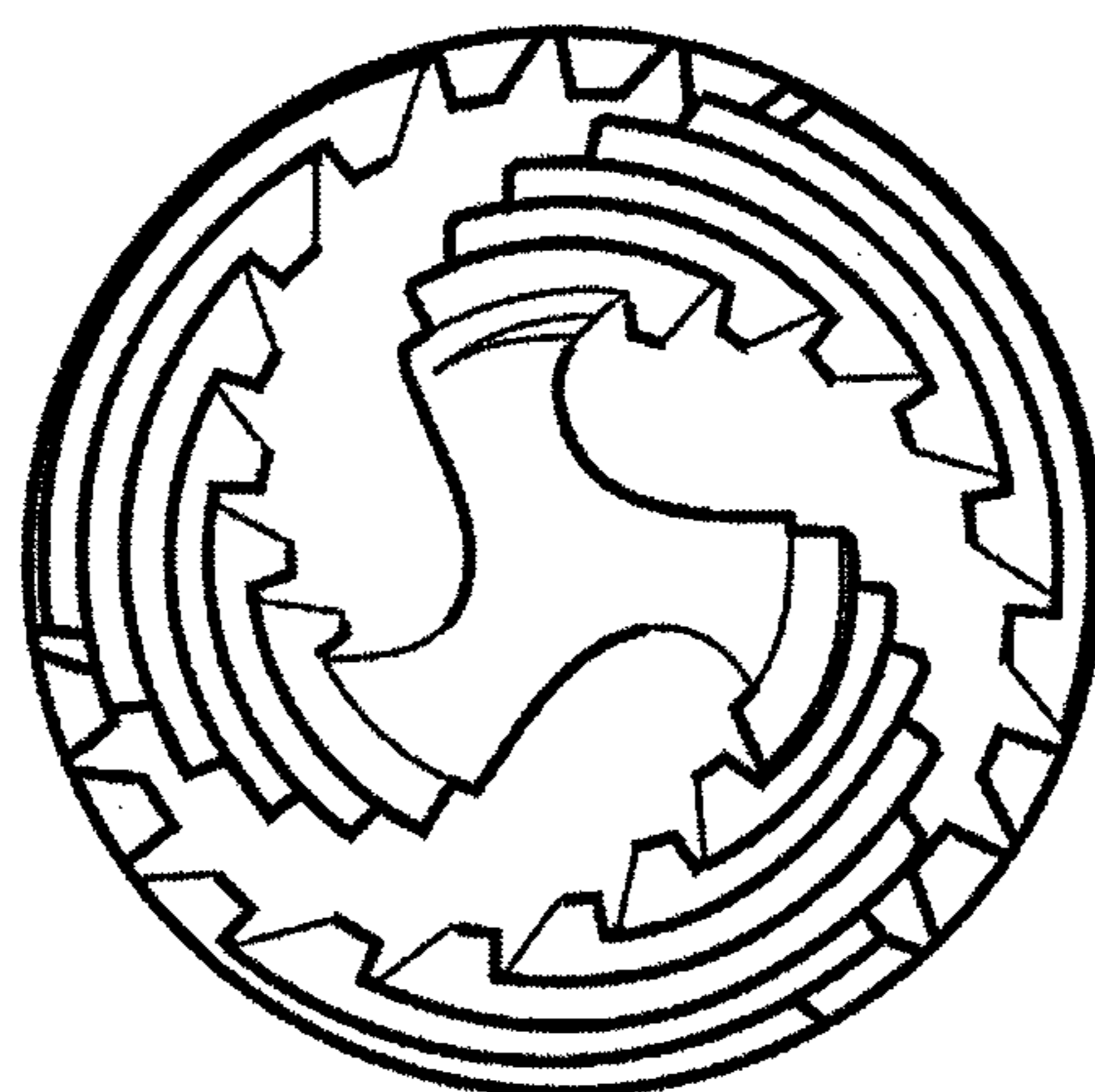


Fig .23

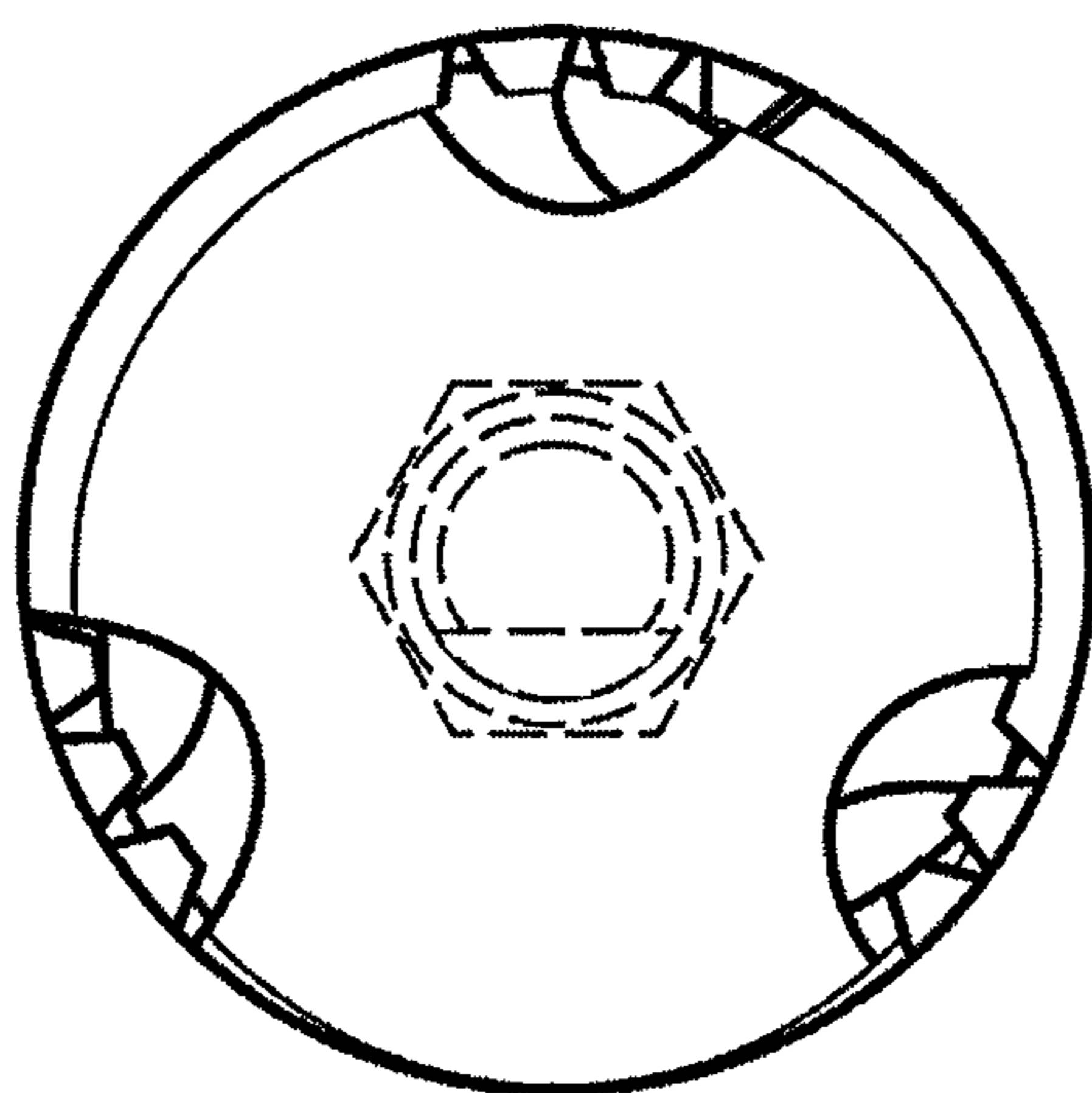


Fig .24

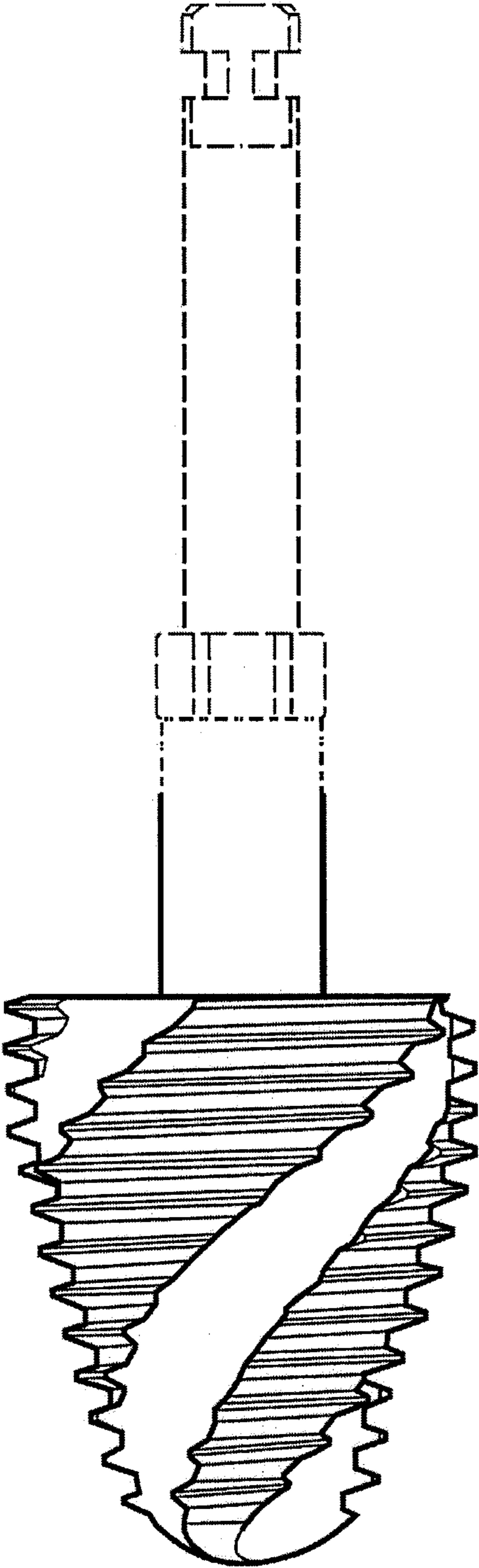


Fig .25

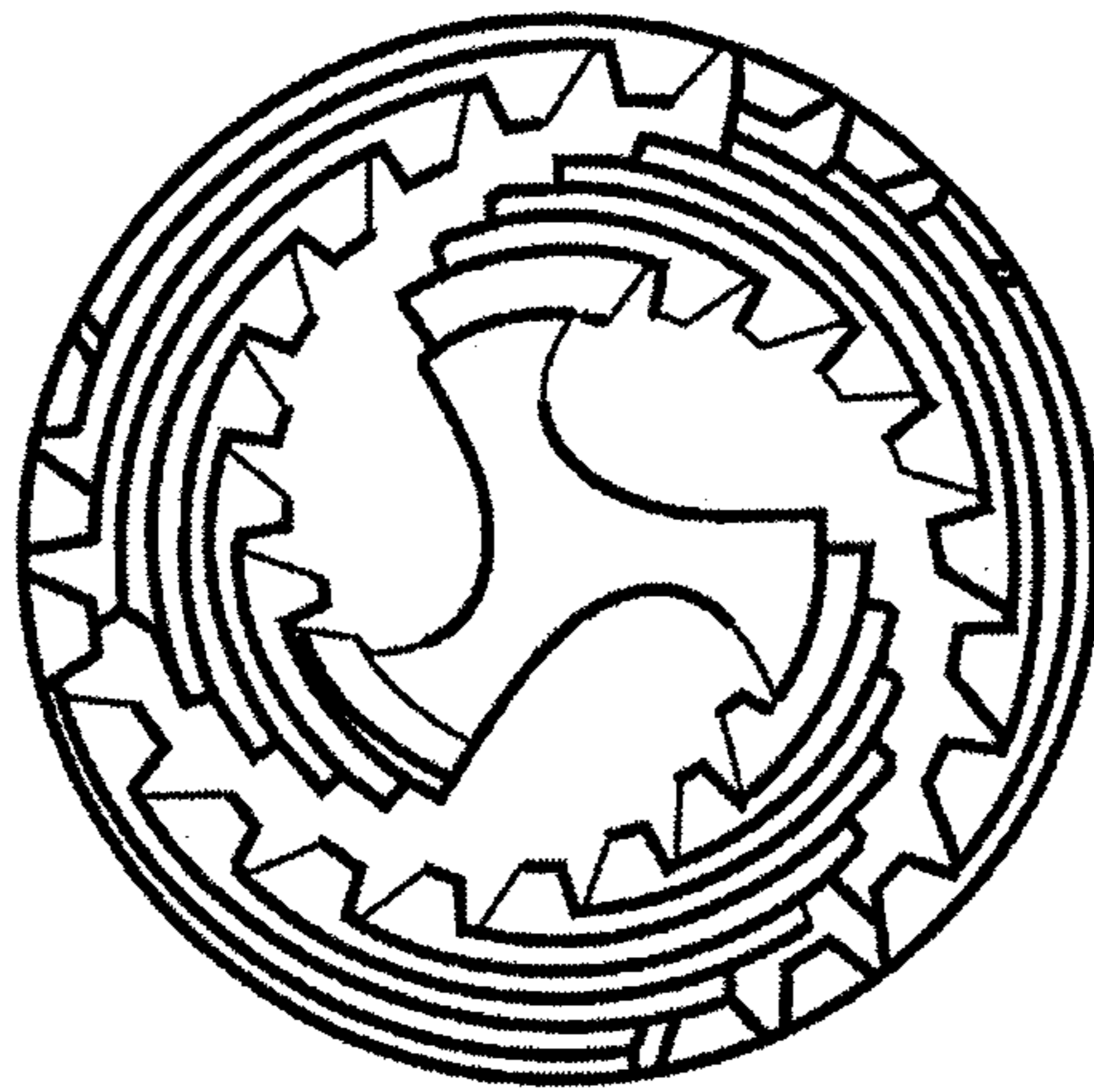


Fig .26

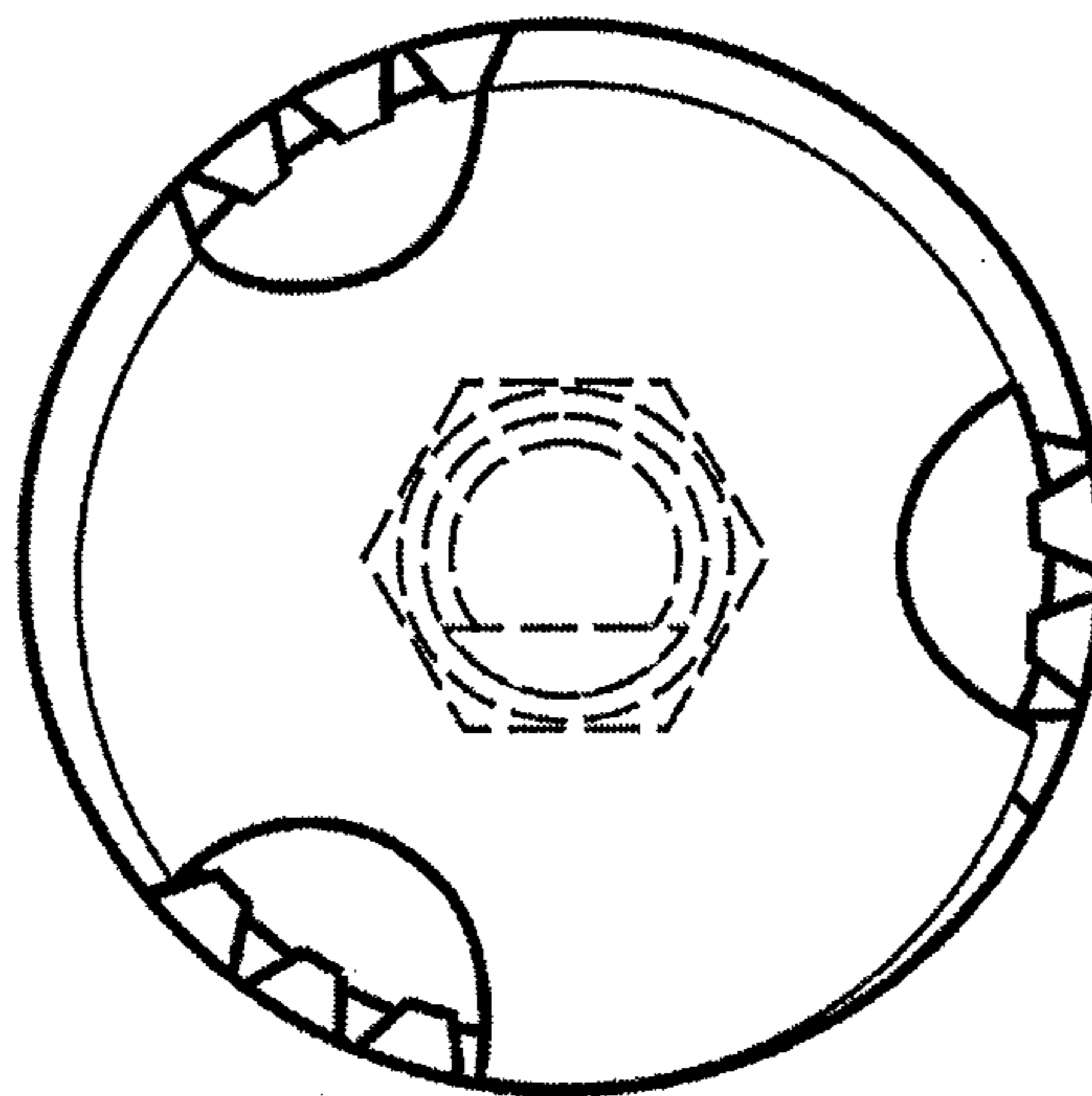


Fig .27