



US00D743763S

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

(10) **Patent No.:** **US D743,763 S**

(45) **Date of Patent:** **** Nov. 24, 2015**

- (54) **OPEN-ENDED WRENCH HEAD**
- (71) Applicant: **KABO TOOL COMPANY**, Taichung (TW)
- (72) Inventor: **Chih-Ching Hsieh**, Taichung (TW)
- (73) Assignee: **KABO TOOL COMPANY**, Taichung (TW)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/498,070**
- (22) Filed: **Jul. 31, 2014**

5,996,449	A *	12/1999	Hsieh	81/186
6,082,228	A *	7/2000	Macor	81/119
D431,432	S *	10/2000	Hsieh	D8/28
6,145,414	A *	11/2000	Hsieh	81/119
D437,536	S *	2/2001	Macor	D8/28
6,755,098	B2 *	6/2004	Huang	81/119
D496,238	S *	9/2004	Hsien	D8/28
7,168,347	B2 *	1/2007	Hsieh	81/186
D549,059	S *	8/2007	Wu	D8/27
D552,437	S *	10/2007	Hsieh	D8/27
D552,438	S *	10/2007	Wu	D8/27
D553,457	S *	10/2007	Hsieh	D8/27
D603,669	S *	11/2009	Hsu	D8/28
D661,560	S *	6/2012	Chang	D8/28
8,347,764	B2 *	1/2013	Tuan-Mu et al.	81/179

* cited by examiner

- (30) **Foreign Application Priority Data**
Jun. 24, 2014 (TW) 103303730
- (51) **LOC (10) Cl.** **08-05**
- (52) **U.S. Cl.**
USPC **D8/28**
- (58) **Field of Classification Search**
USPC D8/17, 21-29; 81/58, 58.2, 119, 124.2, 81/124.4, 125.1, 186
CPC B25B 13/02; B25B 13/08; B25B 13/04; B25B 13/065
See application file for complete search history.

Primary Examiner — Randall Gholson
(74) *Attorney, Agent, or Firm* — CKC & Partners Co., Ltd.

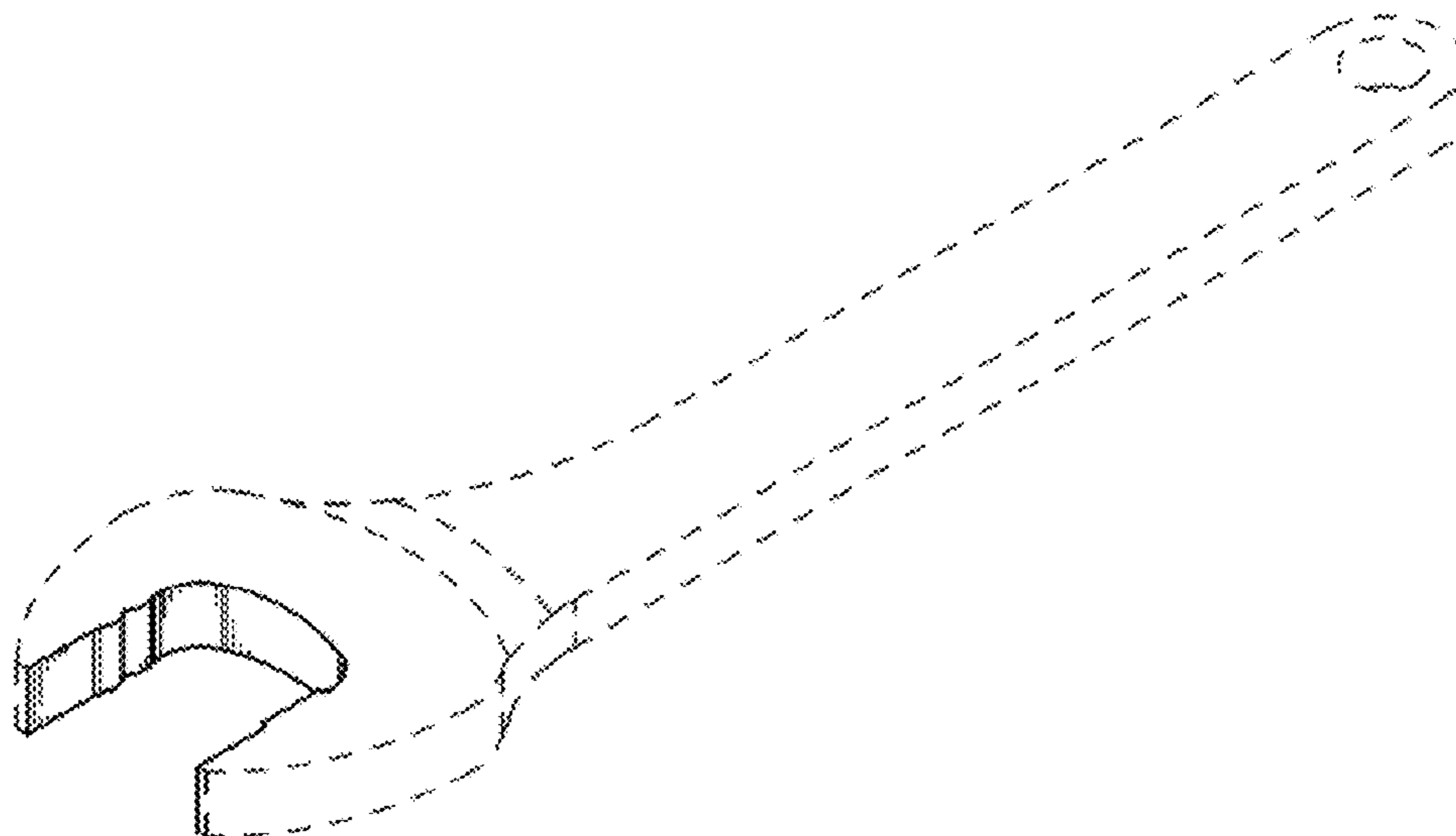
(57) **CLAIM**
The ornamental design for an open-ended wrench head, as shown.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
3,242,775 A * 3/1966 Hinkle 81/119
4,776,244 A * 10/1988 Olson et al. 81/119
5,131,312 A * 7/1992 Macor 81/119
5,860,339 A * 1/1999 Mikic et al. 81/186
D409,061 S * 5/1999 Hsieh D8/28
D412,819 S * 8/1999 Macor D8/28

DESCRIPTION

FIG. 1 is a perspective view of an open-ended wrench head showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is an enlarged view thereof.
The broken lines depict portions of the open-ended wrench head that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



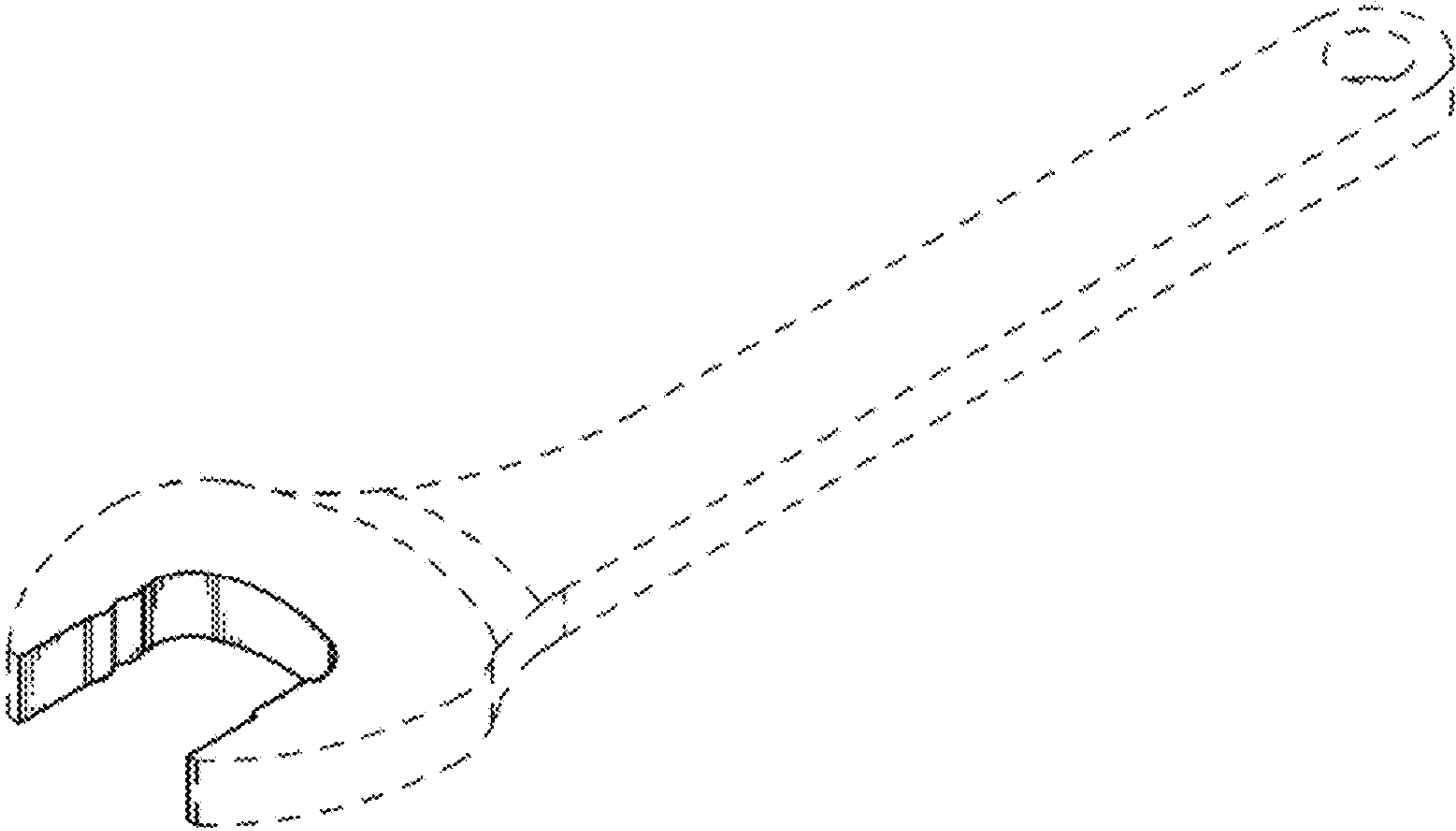


Fig. 1

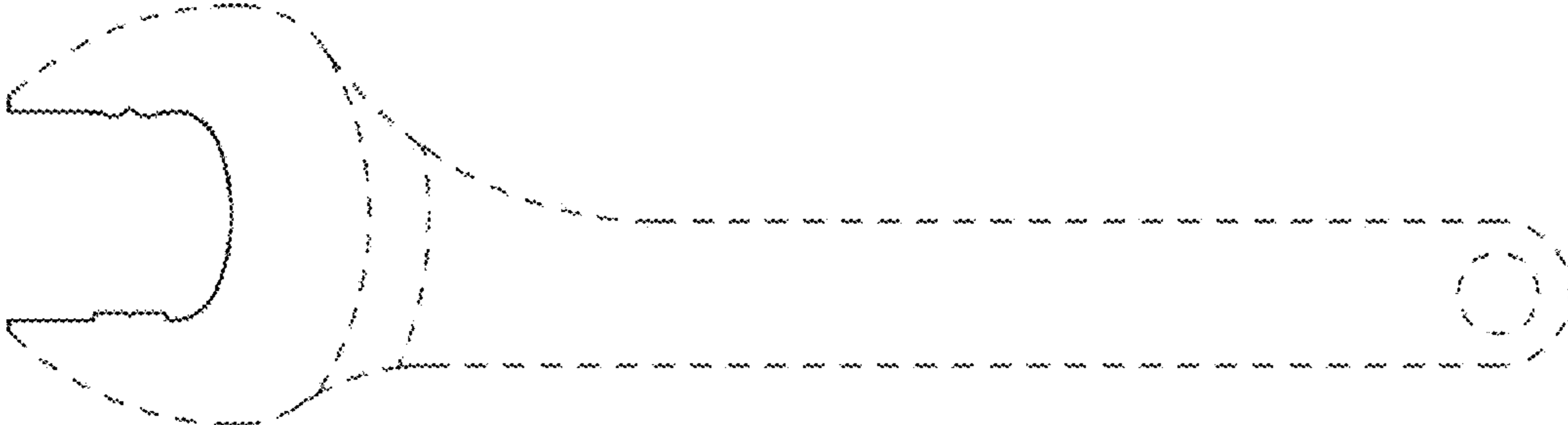


Fig. 2

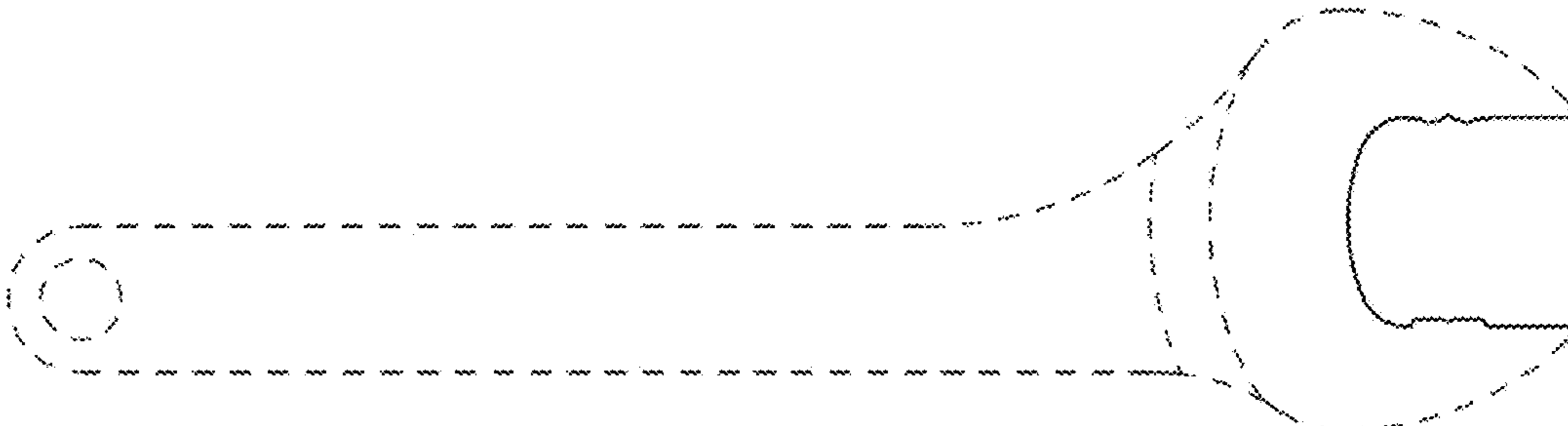


Fig. 3



Fig. 4

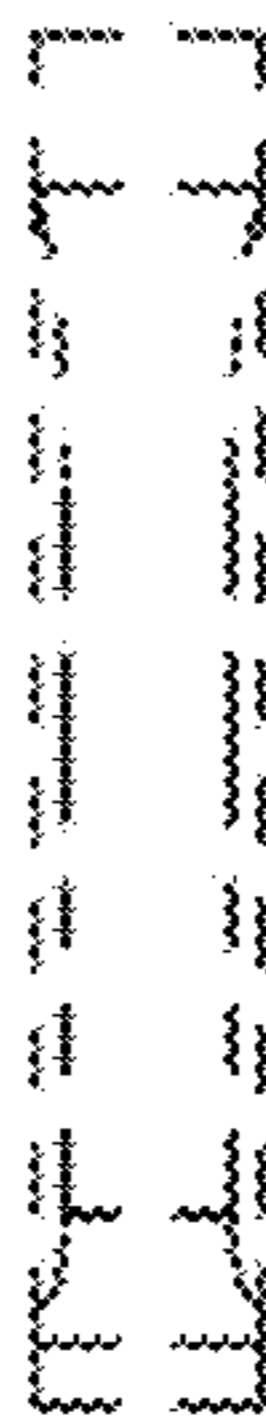


Fig. 5



Fig. 6

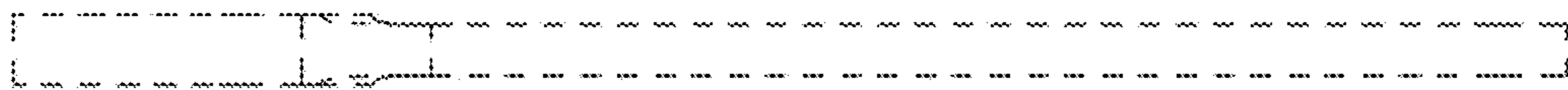


Fig. 7

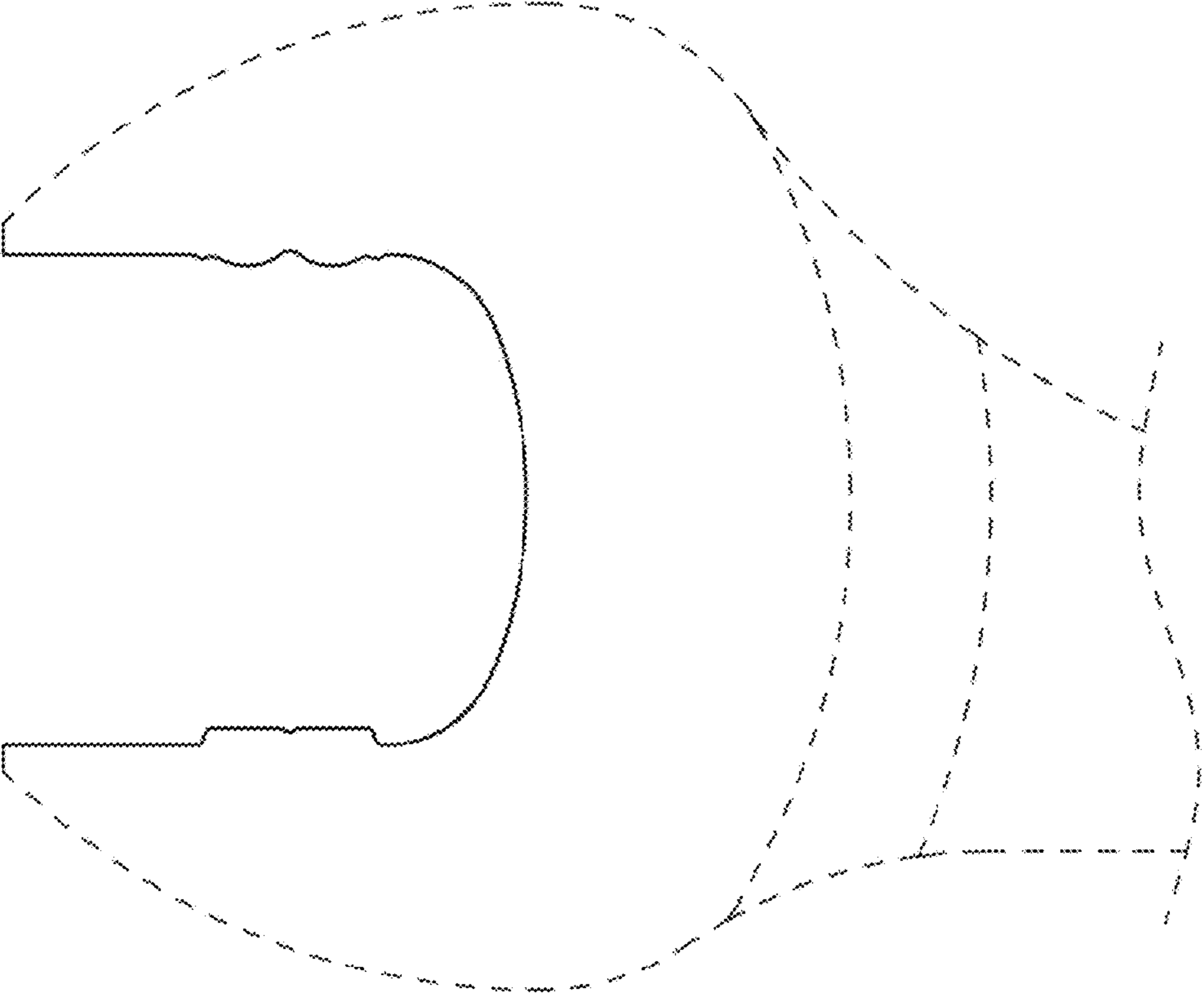


Fig. 8