

US00D514405S

(12) **United States Design Patent** (10) **Patent No.:** **US D514,405 S**
Chaconas (45) **Date of Patent:** **** Feb. 7, 2006**

(54) **WRENCH**

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

(21) Appl. No.: **29/209,970**

(22) Filed: **Jul. 23, 2004**

(51) **LOC (8) Cl.** **08-05**

(52) **U.S. Cl.** **D8/25; D8/28**

(58) **Field of Classification Search** D8/21-29;
81/58, 176.1, 176.15, 176.2, 119, 120, 121.1,
81/125, 186, 481

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

37,865 A	3/1863	Griswold	
D34,540 S	5/1901	Engstrom	
916,951 A	3/1909	Jeffrey	
1,297,846 A	3/1919	Herrman	
D53,597 S	7/1919	Marcmann	
D57,323 S	3/1921	Evans	
1,624,508 A	4/1927	Reilly	
D103,579 S	3/1937	McNaught	
2,605,665 A	8/1952	Grenat	
4,030,384 A *	6/1977	Newman	81/58.3
4,840,094 A	6/1989	Macor	
D303,069 S *	8/1989	Heberlie	D8/24
5,557,992 A	9/1996	Macor	
D375,667 S	11/1996	Macor	
D422,467 S	4/2000	Mollack	
6,131,492 A	10/2000	Mai	
D441,625 S *	5/2001	Chen	D8/28
D451,352 S *	12/2001	Wright	D8/28
6,688,195 B1	2/2004	Hsien	
2004/0025646 A1	2/2004	Hsien	

OTHER PUBLICATIONS

Snap-on tool catalog, Apr. 4, 1994 p. 118.*

* cited by examiner

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(57) **CLAIM**

The ornamental design of a wrench, substantially as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a wrench embodying the design of the present invention.

FIG. 2 is a top plan view of the wrench illustrated in FIG. 1.

FIG. 3 is a right side elevational view of the wrench illustrated in FIG. 1, with the left side elevational view being identical thereto.

FIG. 4 is a bottom plan view of the wrench illustrated in FIG. 1.

FIG. 5 is a front end view of the wrench illustrated in FIG. 1.

FIG. 6 is a rear end view of the wrench illustrated in FIG. 1.

FIG. 7 is a perspective view of a modified embodiment of the design shown in FIGS. 1-6.

FIG. 8 is a perspective view of a second modified embodiment of the design shown in FIGS. 1-6.

FIG. 9 is a top plan view of the wrench illustrated in FIG. 8.

FIG. 10 is a right side elevational view of the wrench illustrated in FIG. 8, with the left side elevational view being identical thereto.

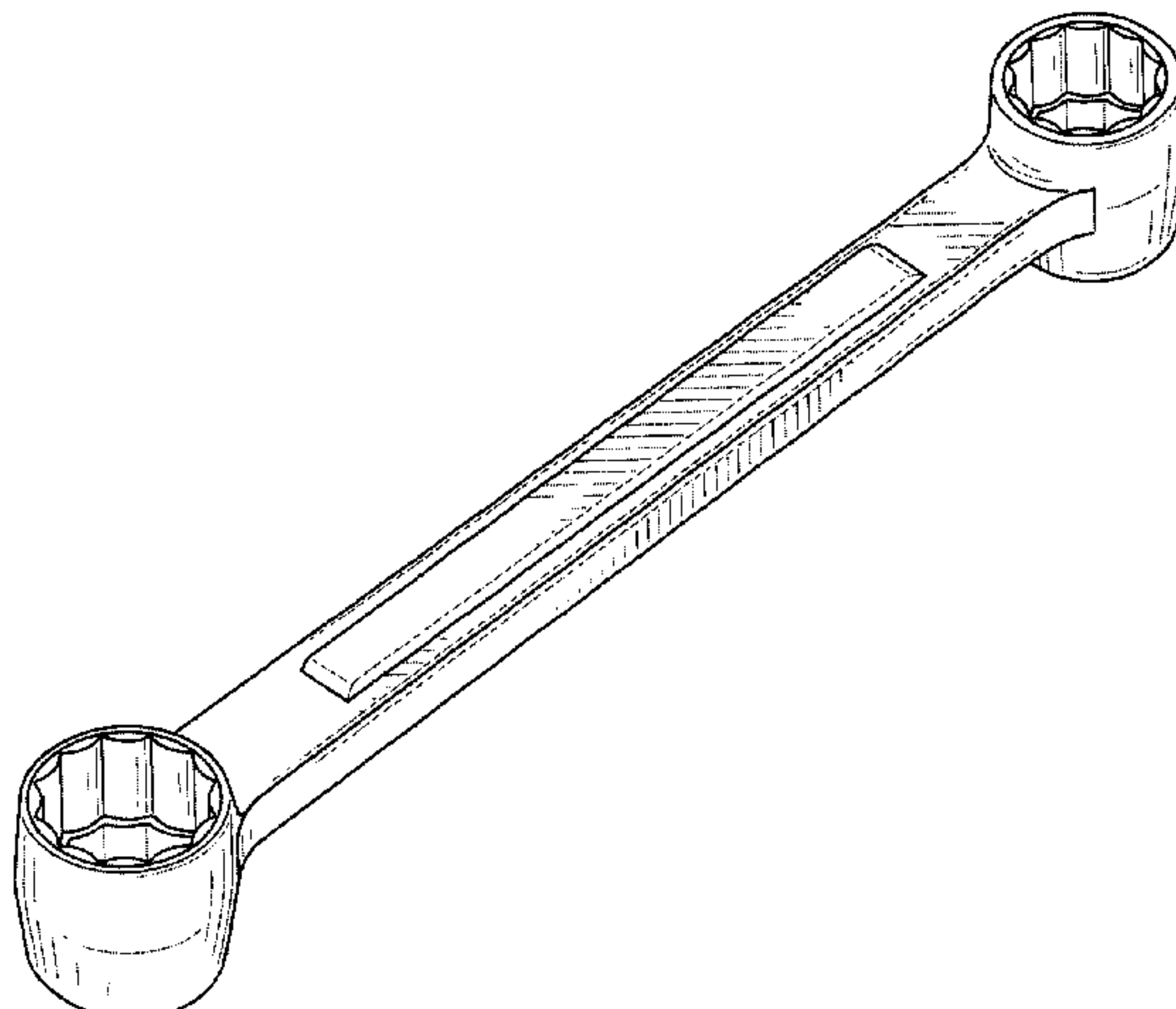
FIG. 11 is a bottom plan view of the wrench illustrated in FIG. 8.

FIG. 12 is a front end view of the wrench illustrated in FIG. 8.

FIG. 13 is a rear end view of the wrench illustrated in FIG. 8; and,

FIG. 14 is a perspective view of a third modified embodiment of the design shown in FIGS. 1-6.

1 Claim, 8 Drawing Sheets



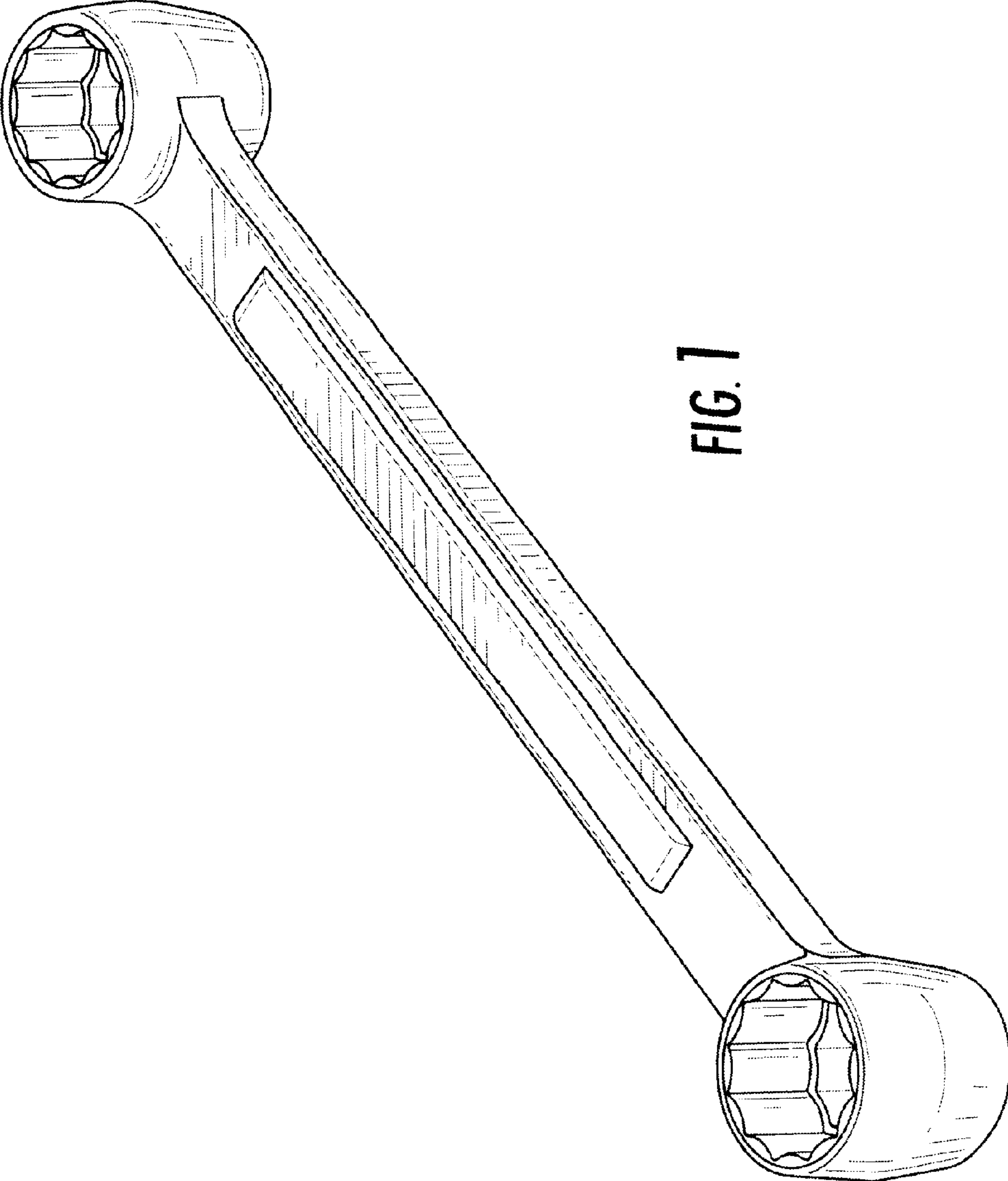


FIG. 1

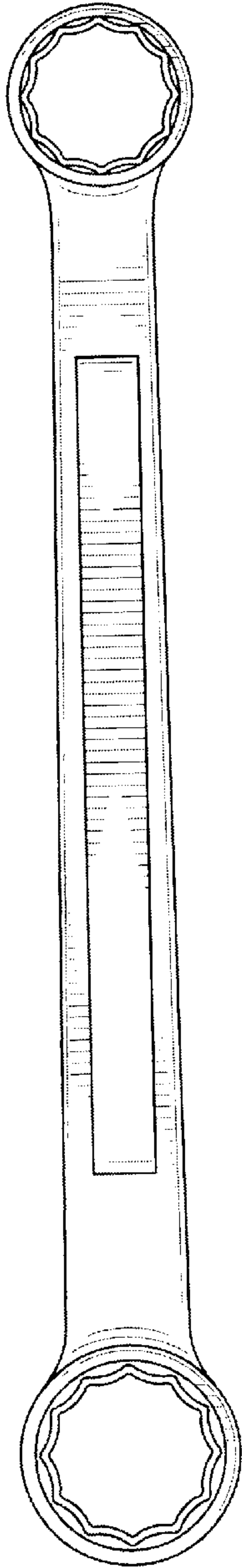


FIG. 2

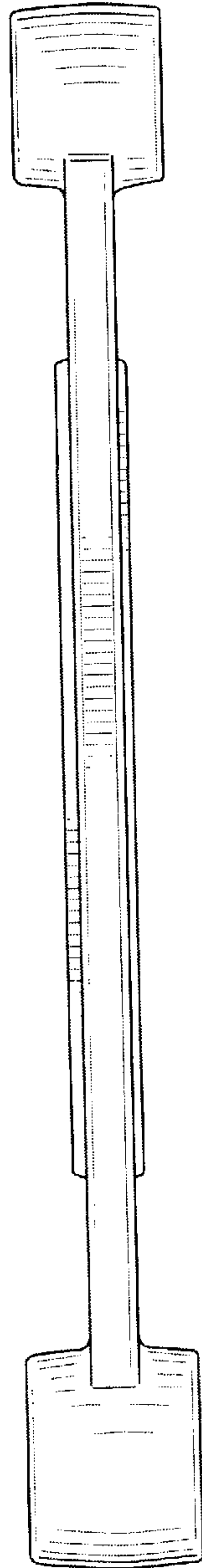


FIG. 3

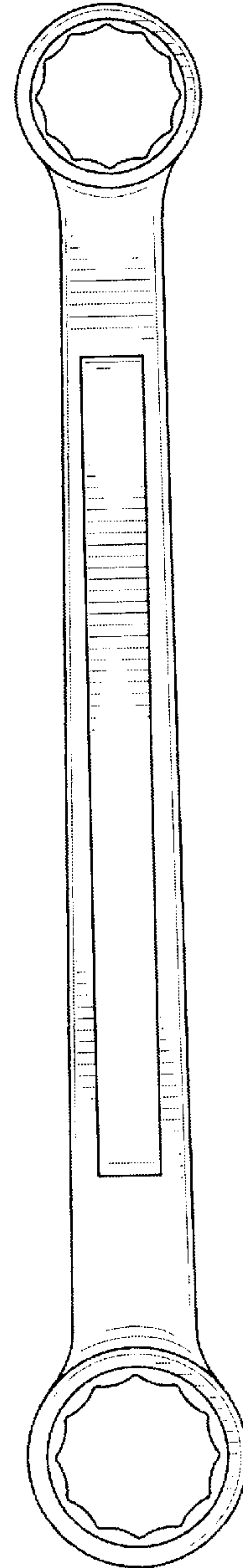


FIG. 4

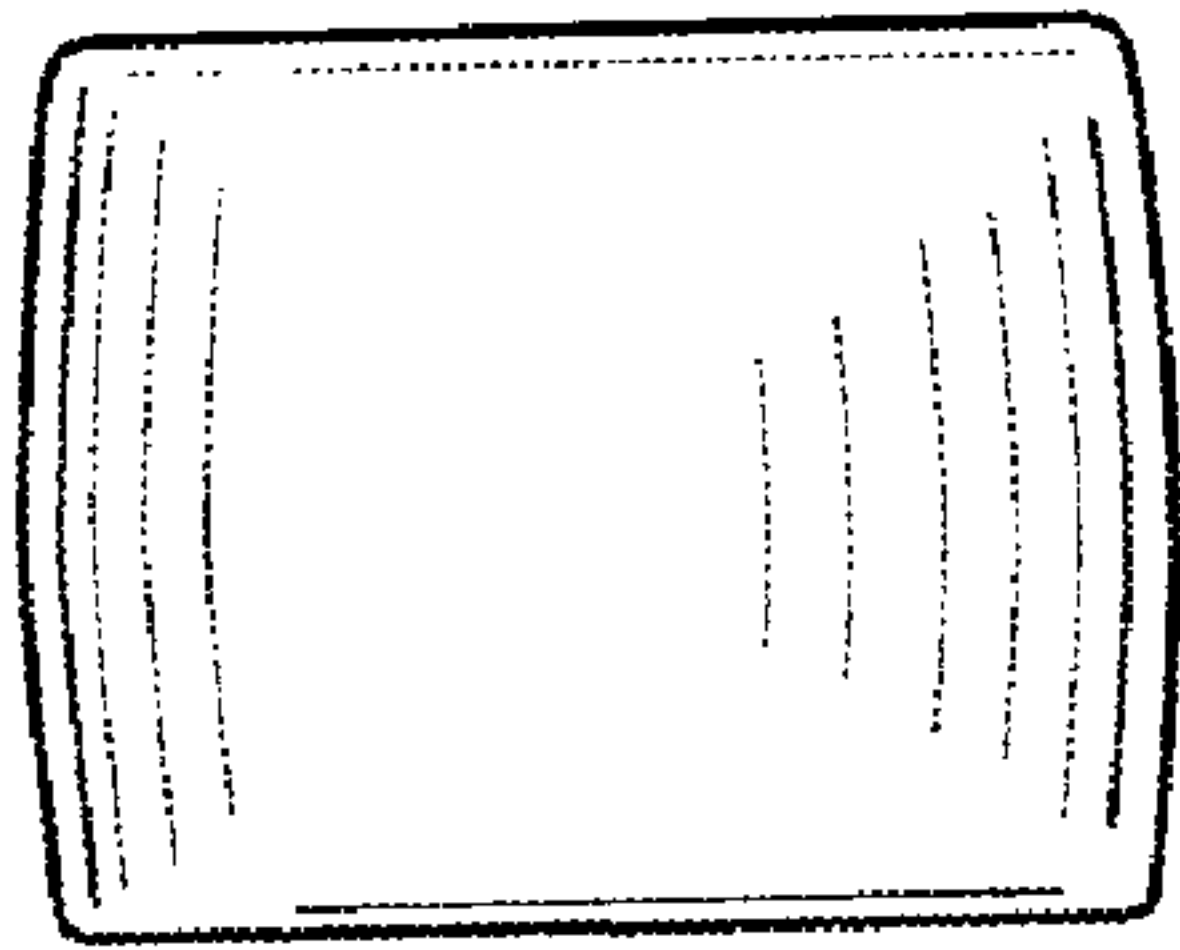


FIG. 5

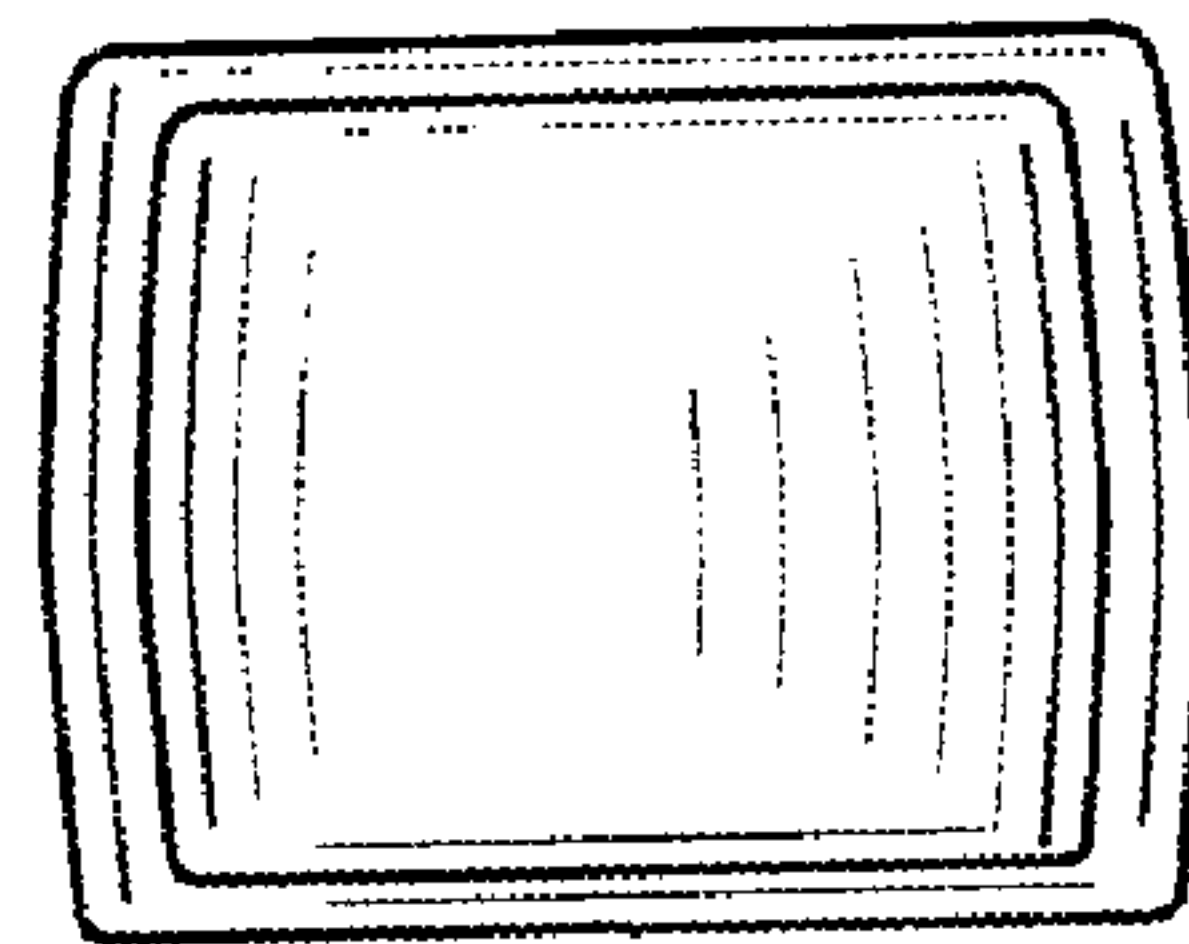


FIG. 6

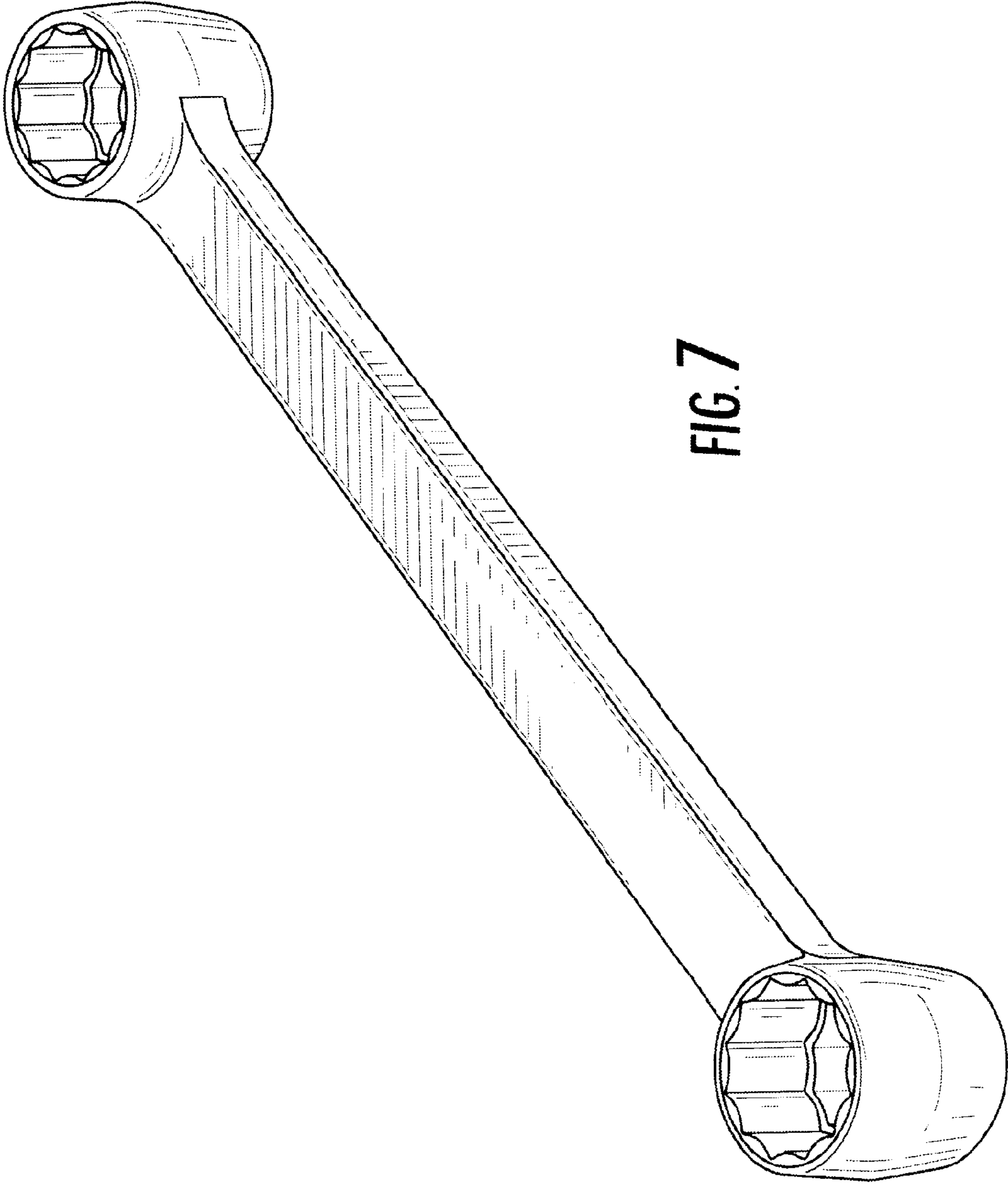


FIG. 7

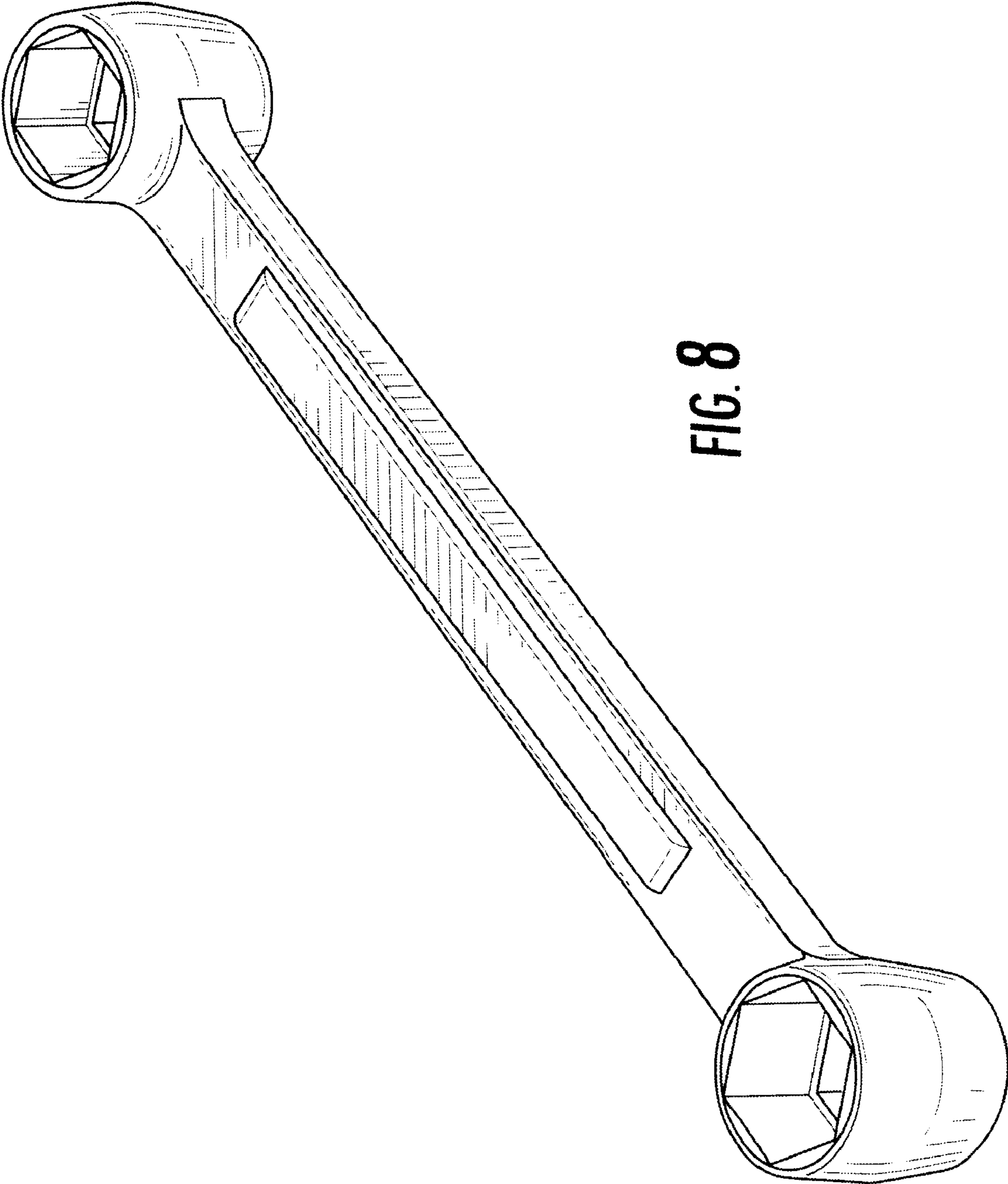


FIG. 8

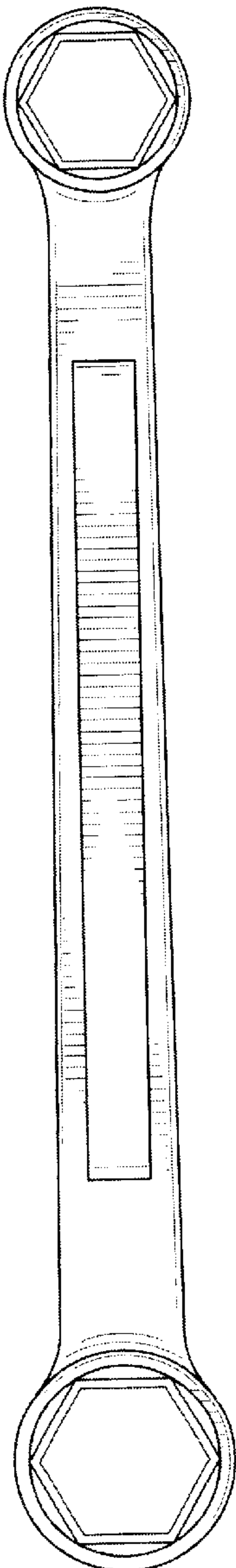


FIG. 9

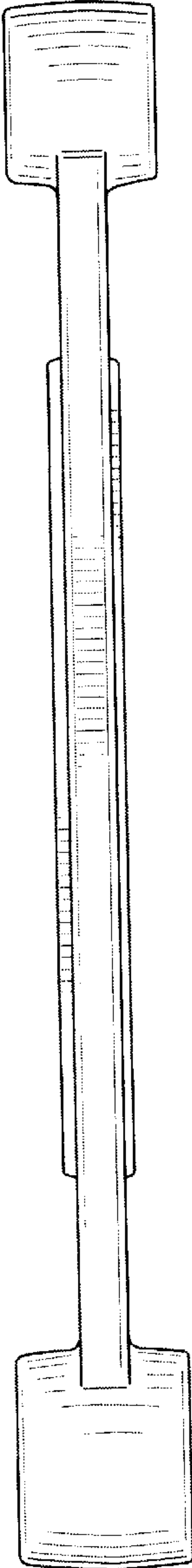


FIG. 10

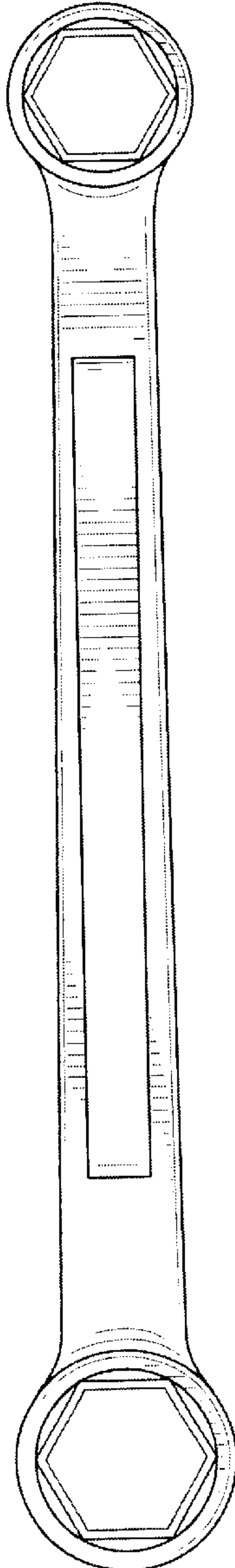


FIG. 11

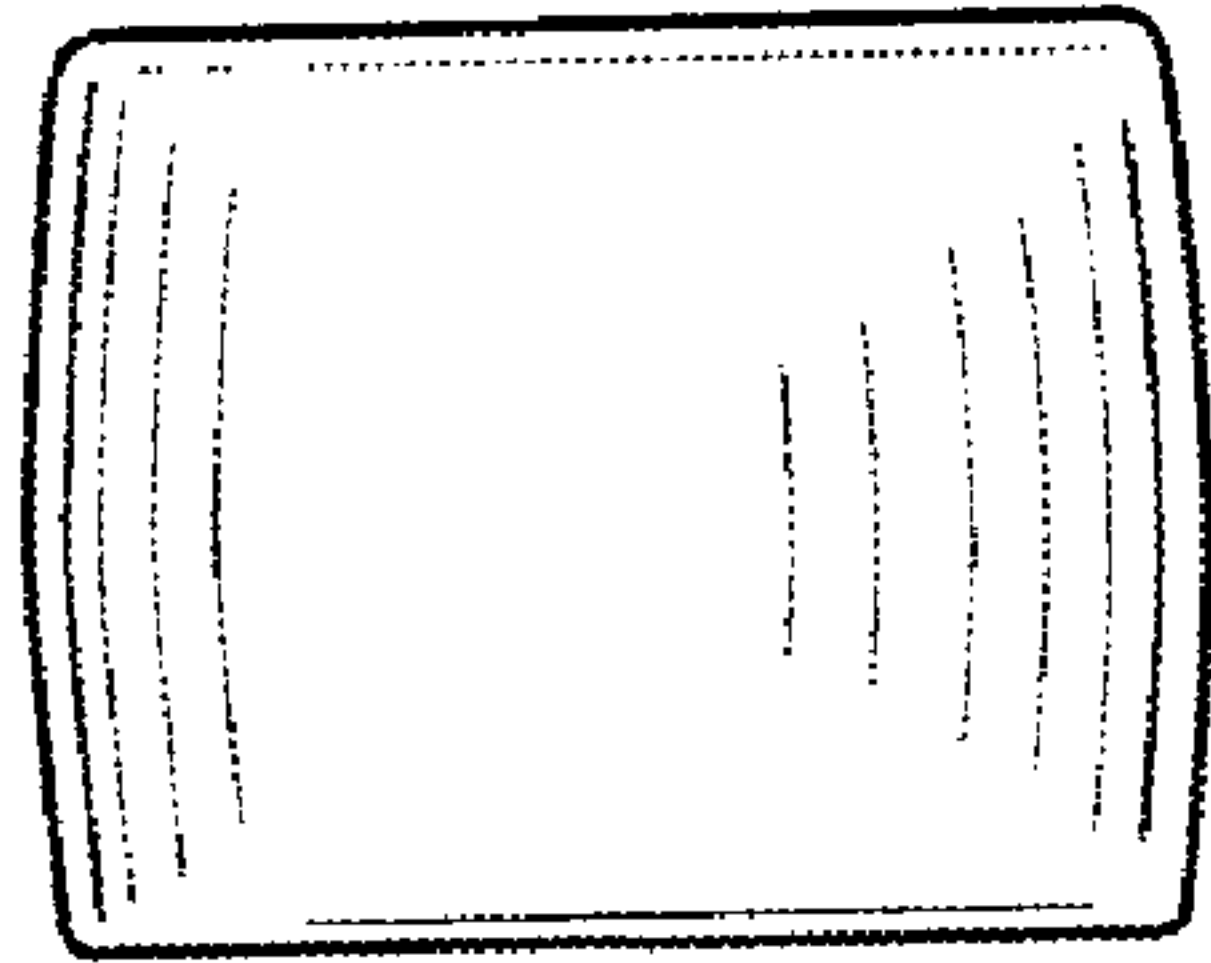


FIG. 12

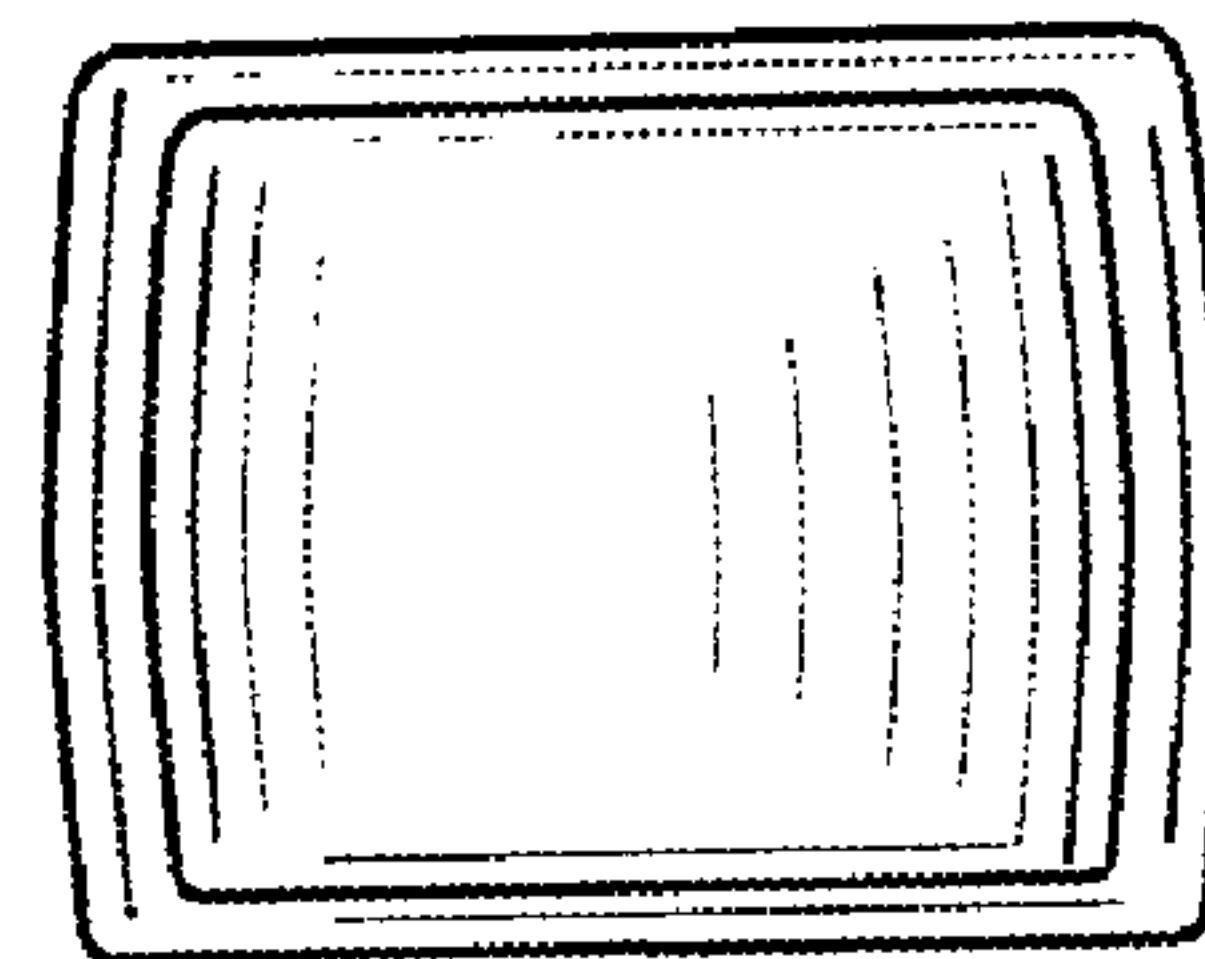


FIG. 13

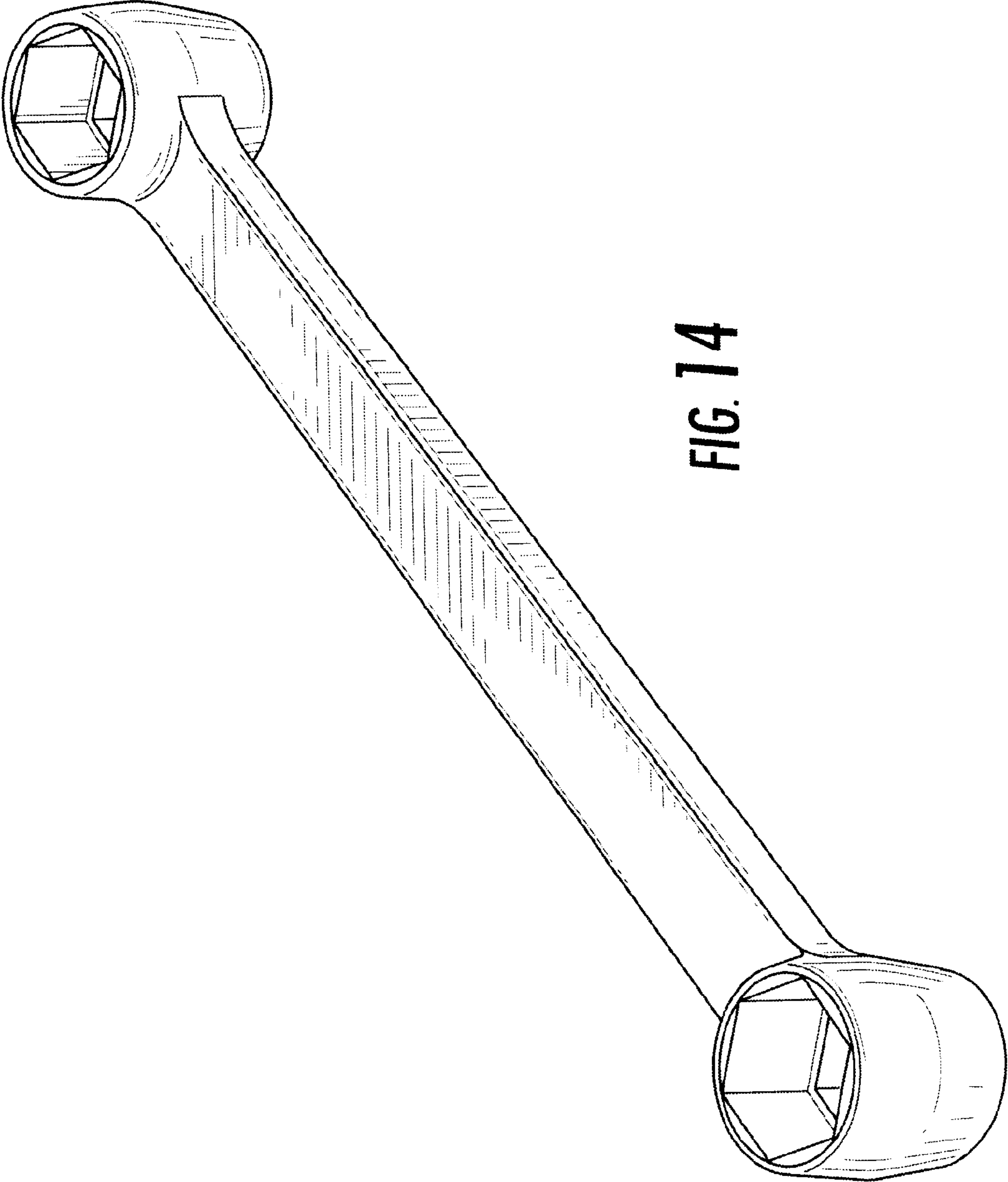


FIG. 14