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

(10) **Patent No.:** **US D487,681 S**

(45) **Date of Patent:** **\*\* Mar. 23, 2004**

(54) **WRENCH**

5,865,074 A \* 2/1999 Hsieh ..... 81/186  
D434,292 S \* 11/2000 Hsieh ..... D8/28

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\* cited by examiner

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

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(21) Appl. No.: **29/178,725**

(57) **CLAIM**

(22) Filed: **Apr. 1, 2003**

The ornamental design for wrench, as shown and described.

(51) **LOC (7) Cl.** ..... **08-05**

**DESCRIPTION**

(52) **U.S. Cl.** ..... **D8/21**

(58) **Field of Search** ..... D8/21-29; 81/119,  
81/121.1, 124.3, 124.7, 125.1, 177.1, 124.5

FIG. 1 is a perspective view of wrench showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top side elevational view thereof; and,

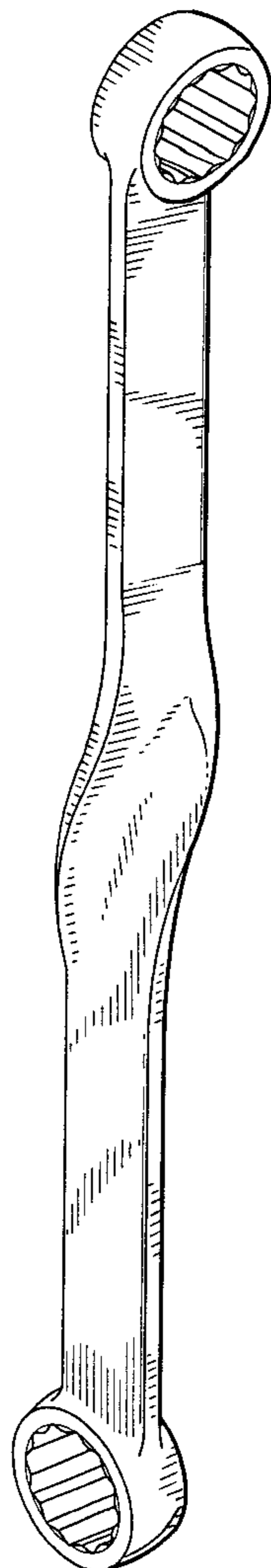
FIG. 7 is a bottom side elevational view thereof.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,793,714 A	*	2/1931	Newberg	.....	81/125.1
D177,636 S	*	5/1956	Meier et al.	.....	D8/28
3,029,673 A	*	4/1962	Godsey	.....	D8/28
D224,677 S	*	8/1972	Lehnhard	.....	D8/28
5,218,891 A	*	6/1993	Olson et al.	.....	81/124.3

**1 Claim, 4 Drawing Sheets**



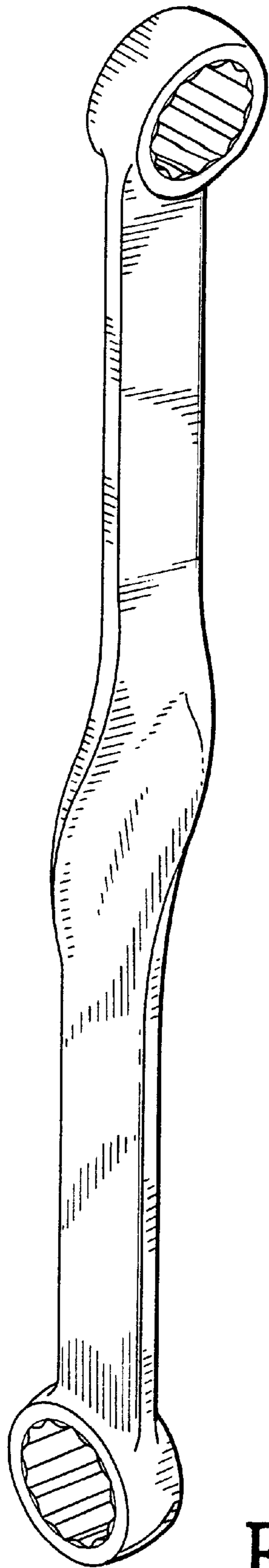


FIG. 1

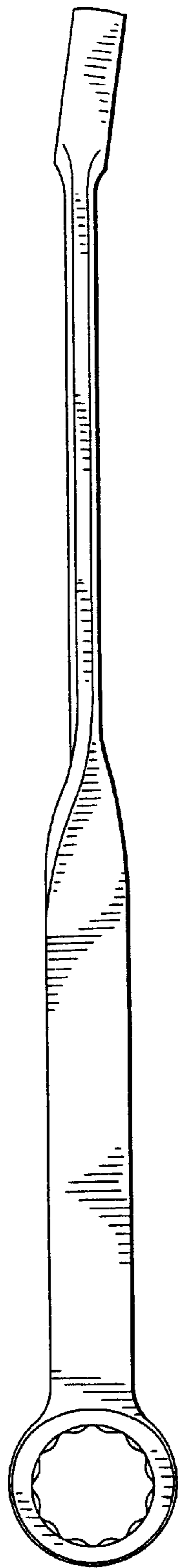


FIG. 2

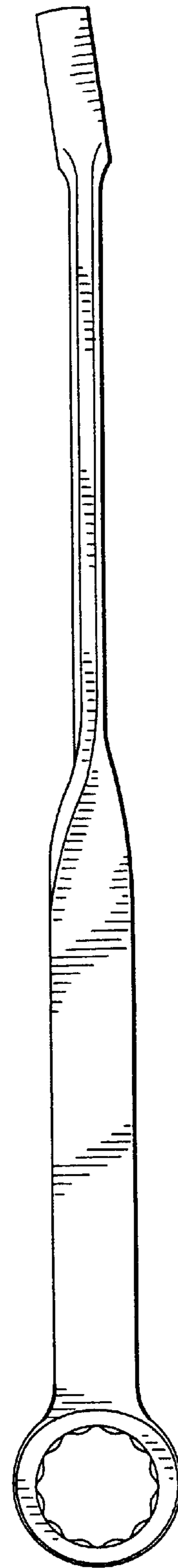


FIG. 3

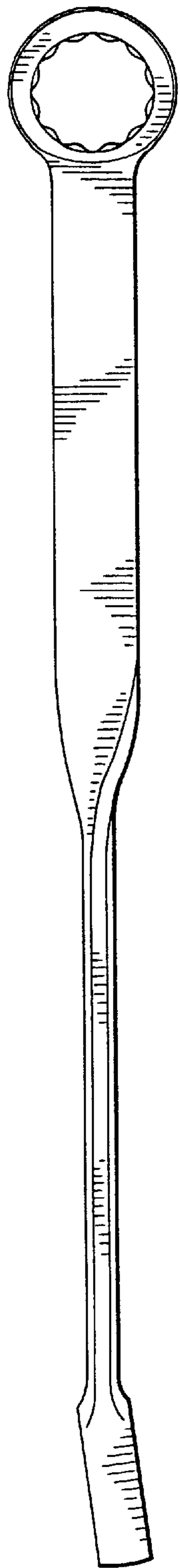


FIG. 4

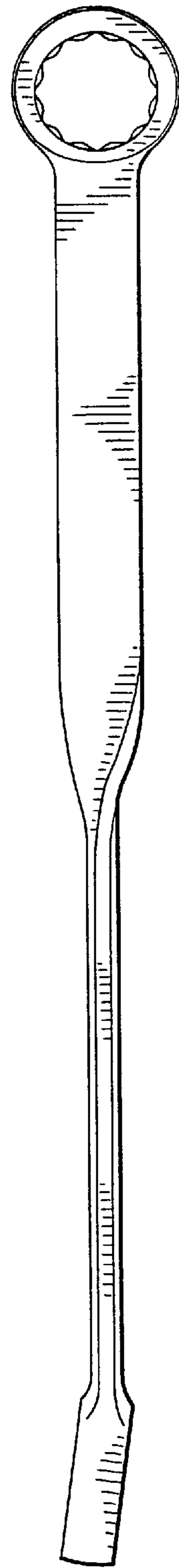


FIG. 5

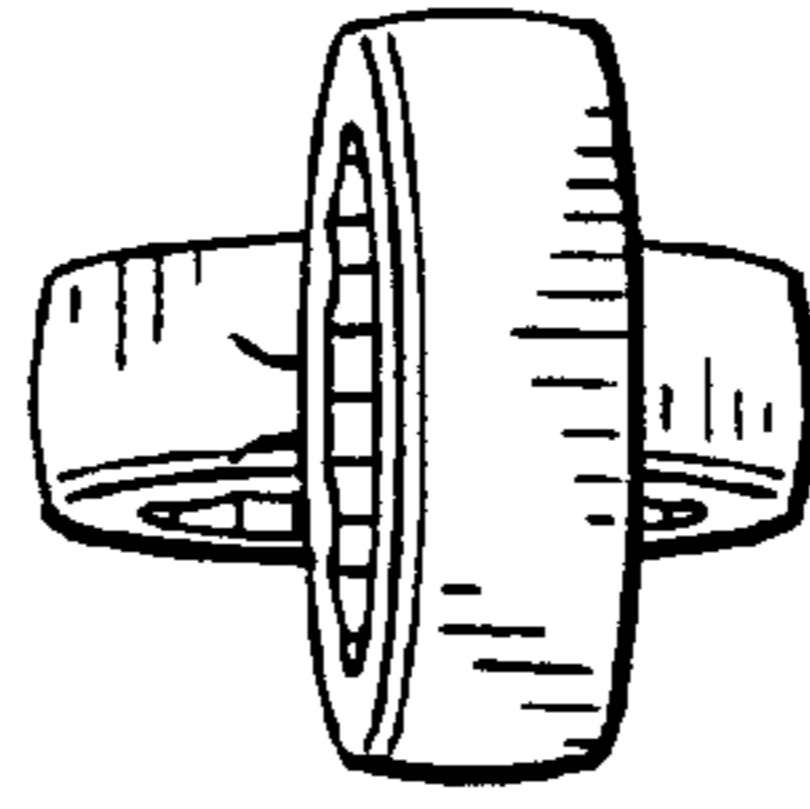


FIG. 6

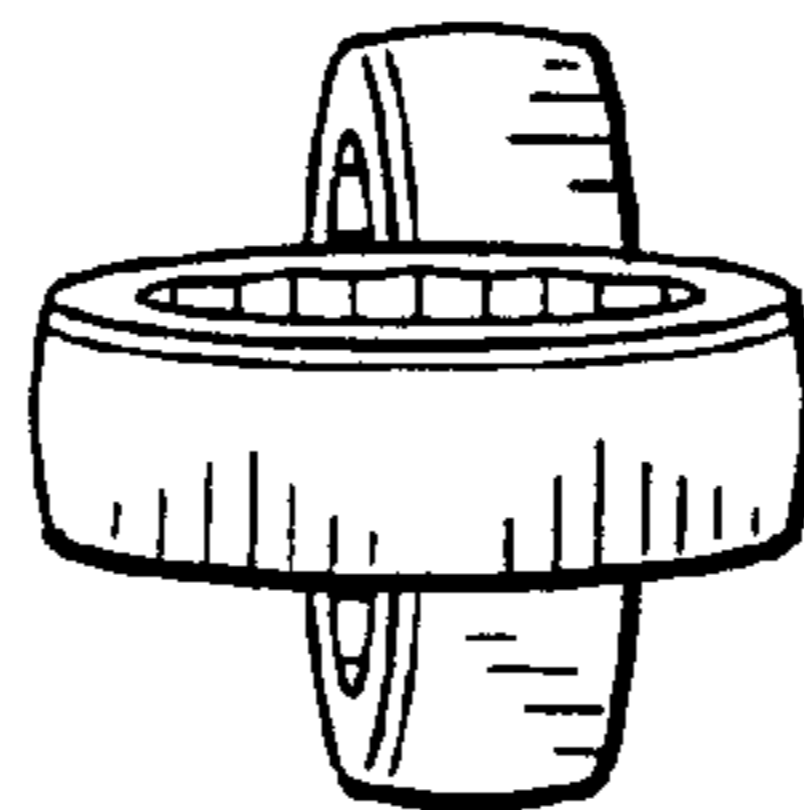


FIG. 7