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

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(54) **WRENCH**

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

(21) Appl. No.: **29/509,985**

(22) Filed: **Nov. 24, 2014**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/465,241, filed on Aug. 26, 2013, now Pat. No. Des. 721,554.

Foreign Application Priority Data

Apr. 23, 2013 (TW) 102302843

(51) **LOC (10) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/25**

Field of Classification Search

USPC D8/25, 60, 97, 107; 81/177.1, 177.85,
81/121.1, 124.3, 165-170, 110.1, 176.2,
81/124.6, 176.1, 176.15, 177.2, 186, 467,
81/476, 478, 480; 16/110.1; 192/44, 45,
192/54.52; D24/133, 145, 147; 606/54, 59,
606/62, 63, 60, 64
CPC B25G 1/00; B25B 1/00; B25B 13/00;
B25B 23/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

827,846 A	8/1906	Bowser	
D264,300 S	5/1982	Imm	
D307,383 S	4/1990	Huang	
D468,989 S	1/2003	Gringer et al.	
D470,385 S	2/2003	Chen	
D481,613 S	11/2003	Macor	
D483,243 S	12/2003	Chen	
D494,833 S	8/2004	Macor	
6,792,833 B2	9/2004	Macor	
6,920,811 B2	7/2005	Hsien	
D573,867 S *	7/2008	Laurino et al.	D8/107
D592,024 S	5/2009	Hsien	
D613,005 S *	3/2010	Lin	D30/159
D618,981 S *	7/2010	Gringer	D8/107

(Continued)

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(57) **CLAIM**

The ornamental design for a wrench, as shown and described.

DESCRIPTION

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

FIG. 2 is front view of the wrench shown in FIG. 1;

FIG. 3 is a rear view of the wrench shown in FIG. 1;

FIG. 4 is a left side view of the wrench shown in FIG. 1;

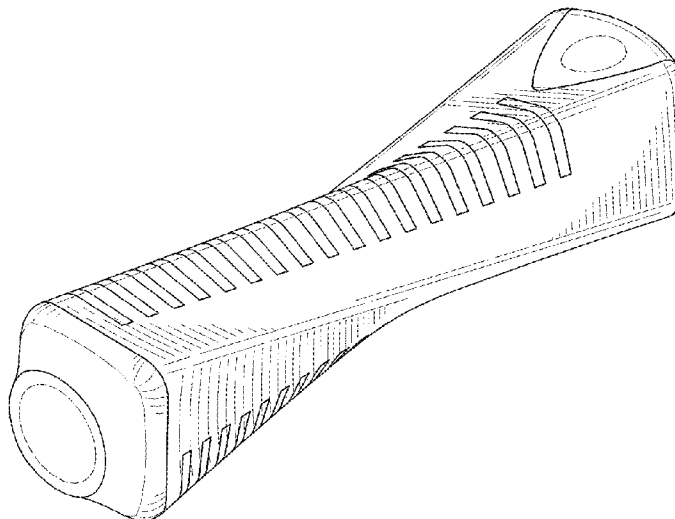
FIG. 5 is a right side view of the wrench shown in FIG. 1;

FIG. 6 is a top view of the wrench shown in FIG. 1; and

FIG. 7 is a bottom of the wrench shown in FIG. 1; and, FIG. 8 is a perspective view with a head of the wrench shown in FIG. 1.

The broken lines shown in the drawings are only for the purpose of illustrating unclaimed portions of the wrench and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



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(56)

References Cited

U.S. PATENT DOCUMENTS

D661,569 S *	6/2012	Chen	D8/107	
D665,239 S *	8/2012	Tillet	D8/25	
D682,067 S *	5/2013	Tillet	D8/107	
D630,487 S *	1/2011	Davis	D8/107	
D658,461 S *	5/2012	Wang	D8/25	* cited by examiner

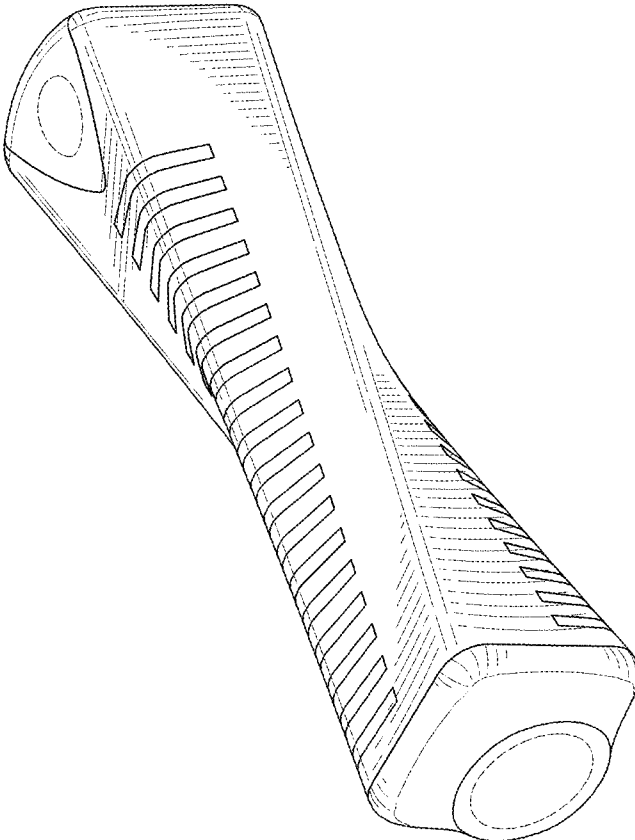


FIG.1

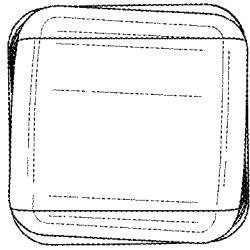


FIG.3

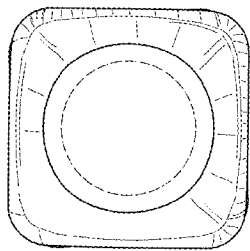


FIG.2

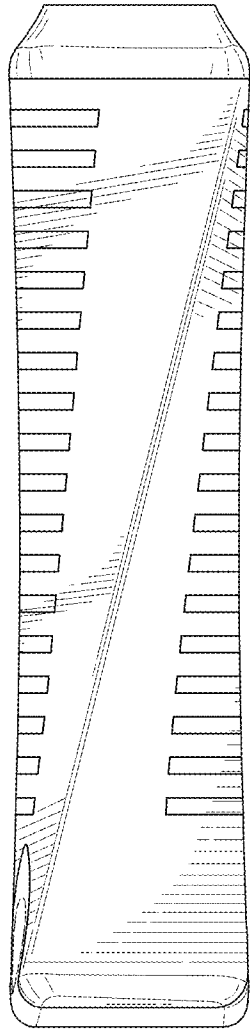


FIG.4

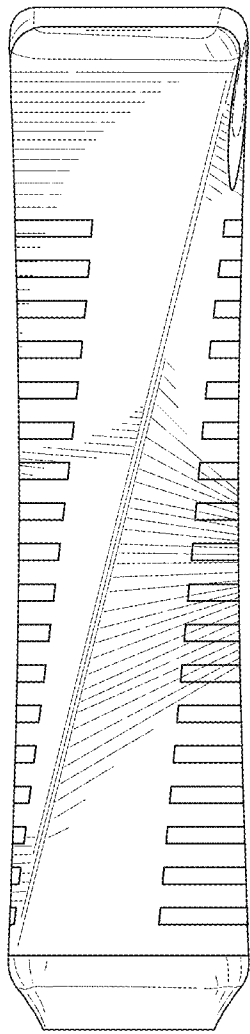


FIG.5

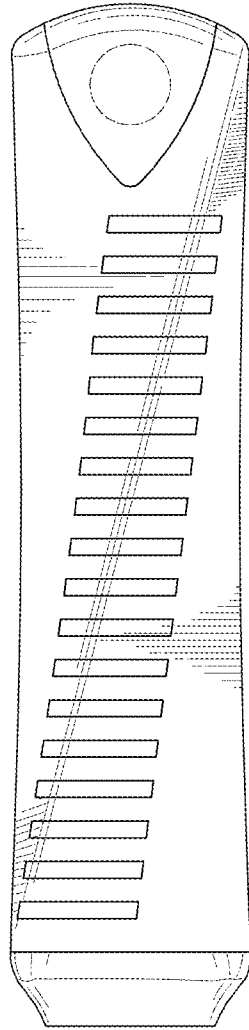


FIG.6

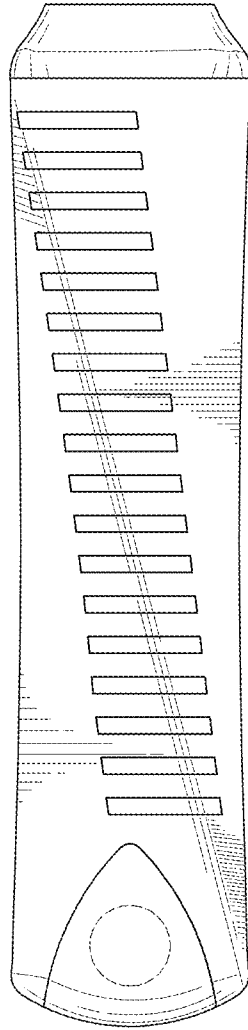


FIG.7

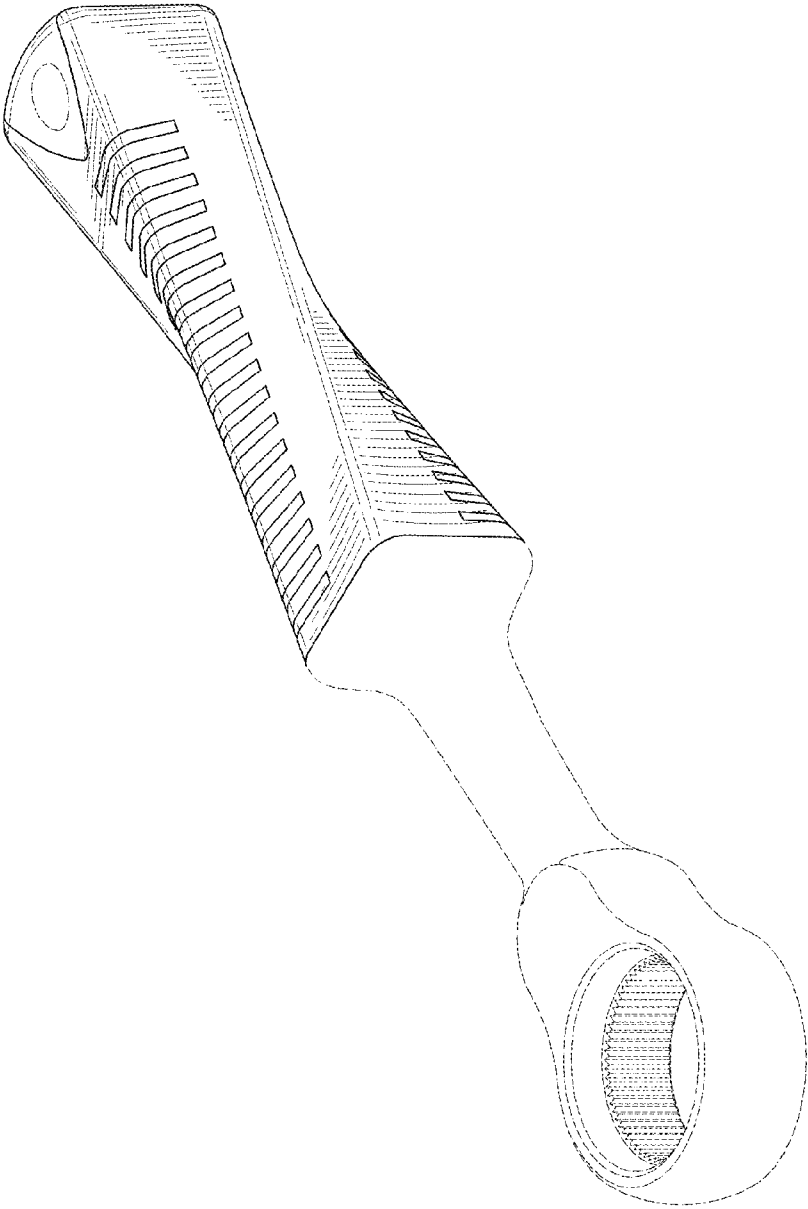


FIG.8