



US00D673435S

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

(10) **Patent No.:** **US D673,435 S**
(45) **Date of Patent:** **** Jan. 1, 2013**

(54) **OPEN END RATCHET WRENCH**
(76) Inventor: **Kenneth A. Minton**, Valdosta, GA (US)
(**) Term: **14 Years**
(21) Appl. No.: **29/426,708**
(22) Filed: **Jul. 10, 2012**
(51) **LOC (9) Cl.** **08-05**
(52) **U.S. Cl.** **D8/28**
(58) **Field of Classification Search** D8/21-29;
81/60, 177.1, 177.85, 121.1, 124.3, 165-170,
81/110.1, 176.2, 124.6, 176.1, 176.15, 177.2,
81/186, 125, 119, 180.1, 185.02; 16/110.1;
D15/144.1; 219/75, 227, 229, 121.16, 121.18
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,508,456 A * 4/1970 Schultz 81/62
3,850,057 A 11/1974 Evans
3,881,377 A 5/1975 Evans et al.
5,136,902 A 8/1992 Ma
D344,223 S * 2/1994 Kubicek D8/25
5,282,830 A * 2/1994 Reynolds 81/90.1

5,467,672 A * 11/1995 Ashby 81/58.2
5,865,074 A 2/1999 Hsieh
5,979,274 A 11/1999 Hsieh
D420,263 S 2/2000 Wei
6,050,165 A 4/2000 Hall
6,263,765 B1 * 7/2001 McCamley 81/58
7,246,543 B1 7/2007 Patti
D554,959 S * 11/2007 Barker D8/28
7,861,621 B2 1/2011 Cheng
8,166,849 B2 * 5/2012 Chan 81/58.2
2010/0269639 A1 * 10/2010 Sroka 81/58.2
2011/0094352 A1 4/2011 Reinstein

* cited by examiner

Primary Examiner — Raphael Barkai
Assistant Examiner — Randall Gholson
(74) *Attorney, Agent, or Firm* — Kyle Fletcher

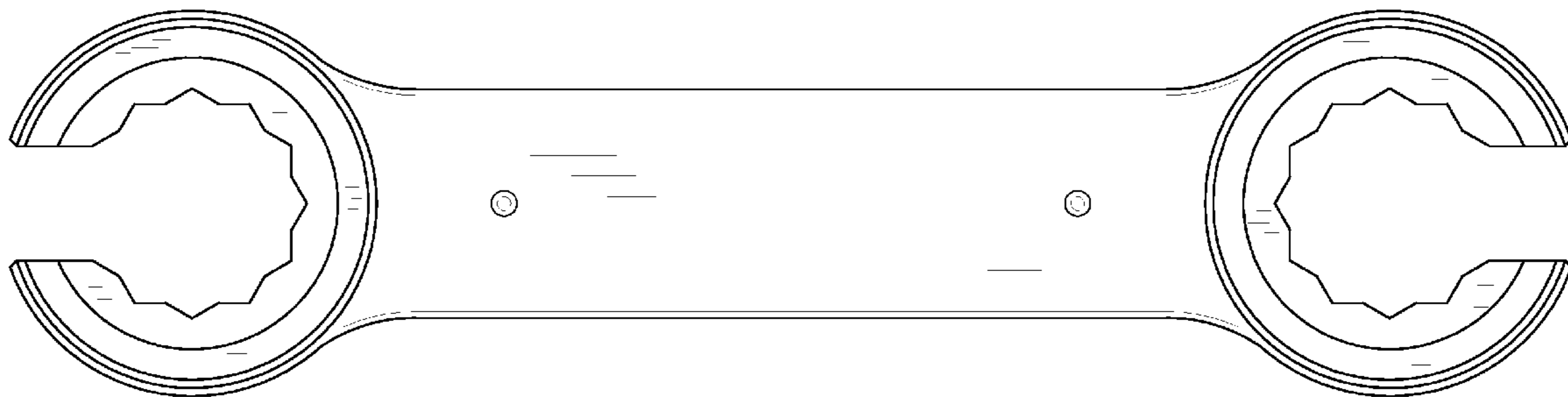
(57) **CLAIM**

I claim the ornamental design for the open end ratchet wrench, as shown and described.

DESCRIPTION

FIG. 1 is a front view of the open end ratchet wrench.
FIG. 2 is a left side view of the claimed design.
FIG. 3 is a top view of the claimed design; and,
FIG. 4 is a perspective view of the claimed design.

1 Claim, 2 Drawing Sheets



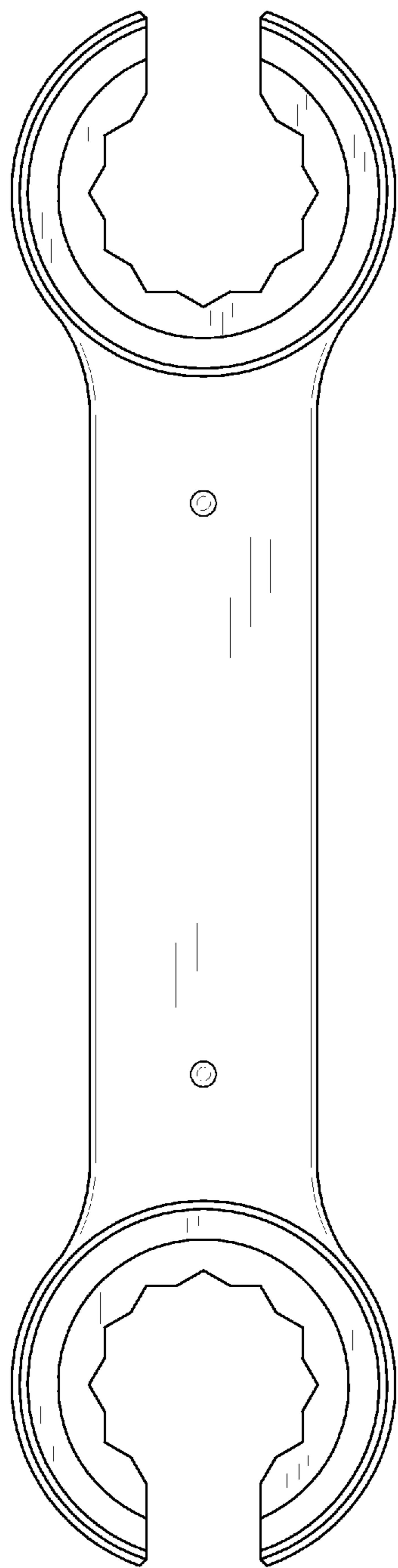


FIG. 1



FIG. 2



FIG. 3

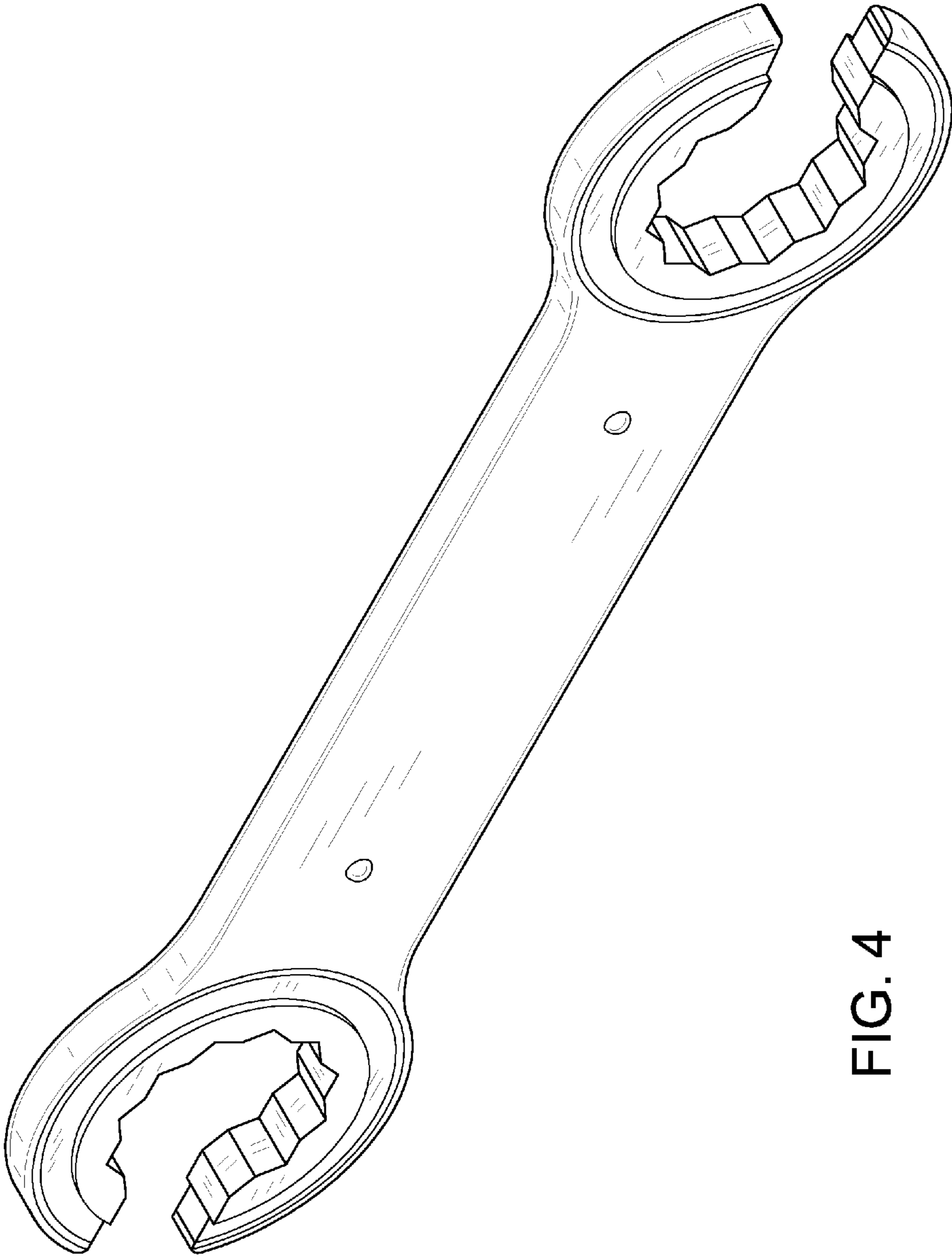


FIG. 4