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

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- (54) **WRENCH**
- (71) Applicant: **Chao-Chih Liu**, Taichung (TW)
- (72) Inventor: **Chao-Chih Liu**, Taichung (TW)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/454,102**
- (22) Filed: **May 6, 2013**
- (51) **LOC (10) Cl.** **08-05**
- (52) **U.S. Cl.**
USPC **D8/25**
- (58) **Field of Classification Search**
USPC D8/25; 81/177.7, 177.8, 177.9, 177.2,
81/60-63.2; 403/324, 84, 93, 96
See application file for complete search history.

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Primary Examiner — Randall Gholson

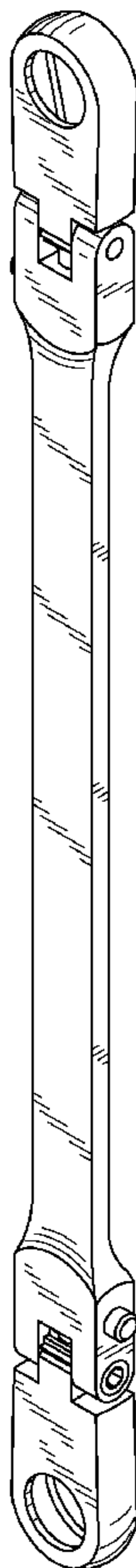
(57) **CLAIM**
The ornamental design for a wrench, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a 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 view thereof;
 FIG. 5 is a right side view thereof;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof; and,
 FIG. 8 is an assembled view for showing the wrench which is assembled with a ratchet device.
 The broken lines shown in the drawings illustrate the ratchet device that forms no part of claimed design.

1 Claim, 5 Drawing Sheets

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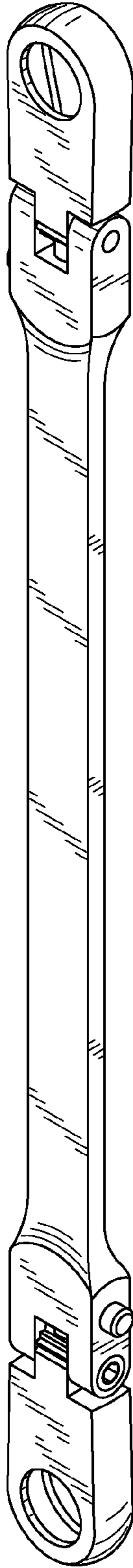


FIG.1

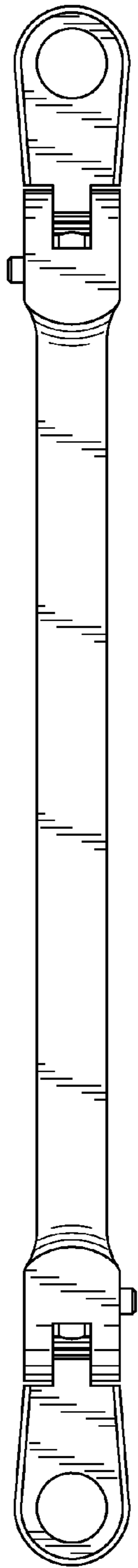


FIG. 2

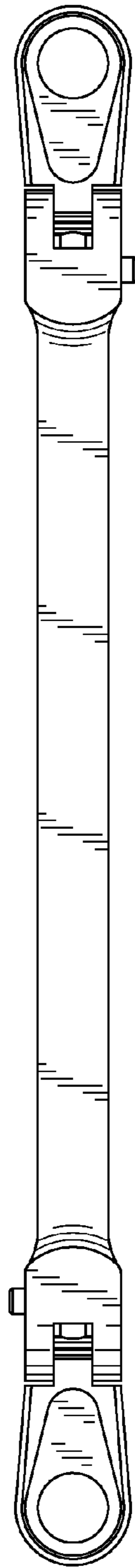


FIG. 3

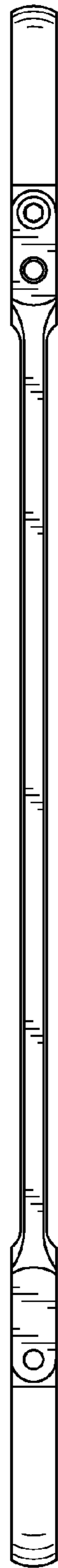


FIG.4

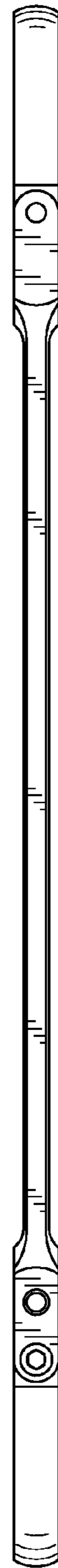


FIG.5



FIG.6



FIG.7

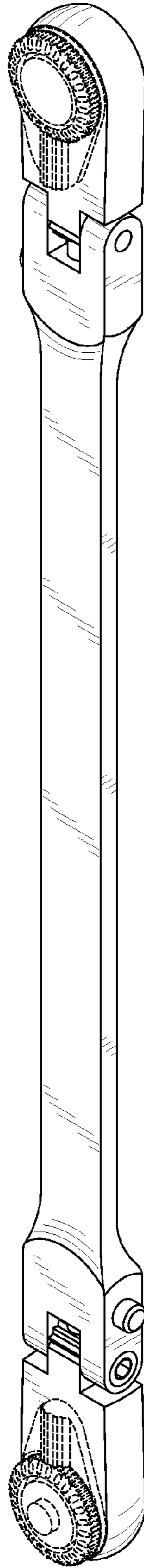


FIG.8