

US007290465B2

(12) United States Patent Gao et al.

(54) RATCHET DRIVER AND METHOD OF MAKING SAME

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(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-

claimer.

(21) Appl. No.: 11/488,915

(22) Filed: Jul. 19, 2006

(65) **Prior Publication Data**

US 2007/0084313 A1 Apr. 19, 2007

Related U.S. Application Data

- (60) Provisional application No. 60/700,195, filed on Jul. 19, 2005.
- (51) **Int. Cl. B25B 13/00** (2006.01) **B25B 13/46** (2006.01)

 B25B 15/00 (2006.01)

(10) Patent No.: US 7,290,465 B2

(45) **Date of Patent:**

*Nov. 6, 2007

| (52) | U.S. Cl. | 81/62 ; 81/63.1 |
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See application file for complete search history.

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(57) ABSTRACT

A ratcheting driver configured to rotationally drive an item or work piece is provided. The driver includes a handle and pivotal pawls engageable with a driven gear and capable of ratcheting and driving in both rotational directions. The handle and pawls have mating matched surfaces for full and flush overlying contact therebetween. A cap that is rotatable relative to the handle and that has a web for pivoting the pawls out of engagement with the gear is also provided. In addition, a stop is included. The stop is configured to assure that only a correct direction of rotation of the cap is available when assembling. Also, a method of arranging the driver is provided.

8 Claims, 3 Drawing Sheets

