



US00D489246S

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

(10) **Patent No.:** **US D489,246 S**

(45) **Date of Patent:** **\*\* May 4, 2004**

(54) **RATCHET ASSEMBLY FOR USE IN TIE DOWN**

(75) **Inventor:** **Bob Bolieu**, Overland Park, KS (US)

(73) **Assignee:** **O'Neill Mfg., Inc.**, Overland Park, KS (US)

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

(21) **Appl. No.:** **29/163,846**

(22) **Filed:** **Jul. 15, 2002**

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

(52) **U.S. Cl.** ..... **D8/367**

(58) **Field of Search** ..... D8/367, 383; 24/68 CD, 24/698.1, 265 CD

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,103,536 A 4/1992 Kamper

5,282,706 A 2/1994 Anthony et al.  
5,402,557 A \* 4/1995 Dalen ..... 24/68 CD  
5,623,750 A \* 4/1997 Nasin et al. .... 24/68 CD  
D416,827 S 11/1999 Anthony et al. .... D11/218  
6,017,173 A 1/2000 Anthony et al.  
6,195,848 B1 \* 3/2001 Jackson et al. .... 24/69 CD

\* cited by examiner

*Primary Examiner*—Holly Baynham

(74) *Attorney, Agent, or Firm*—Hovey Williams LLP

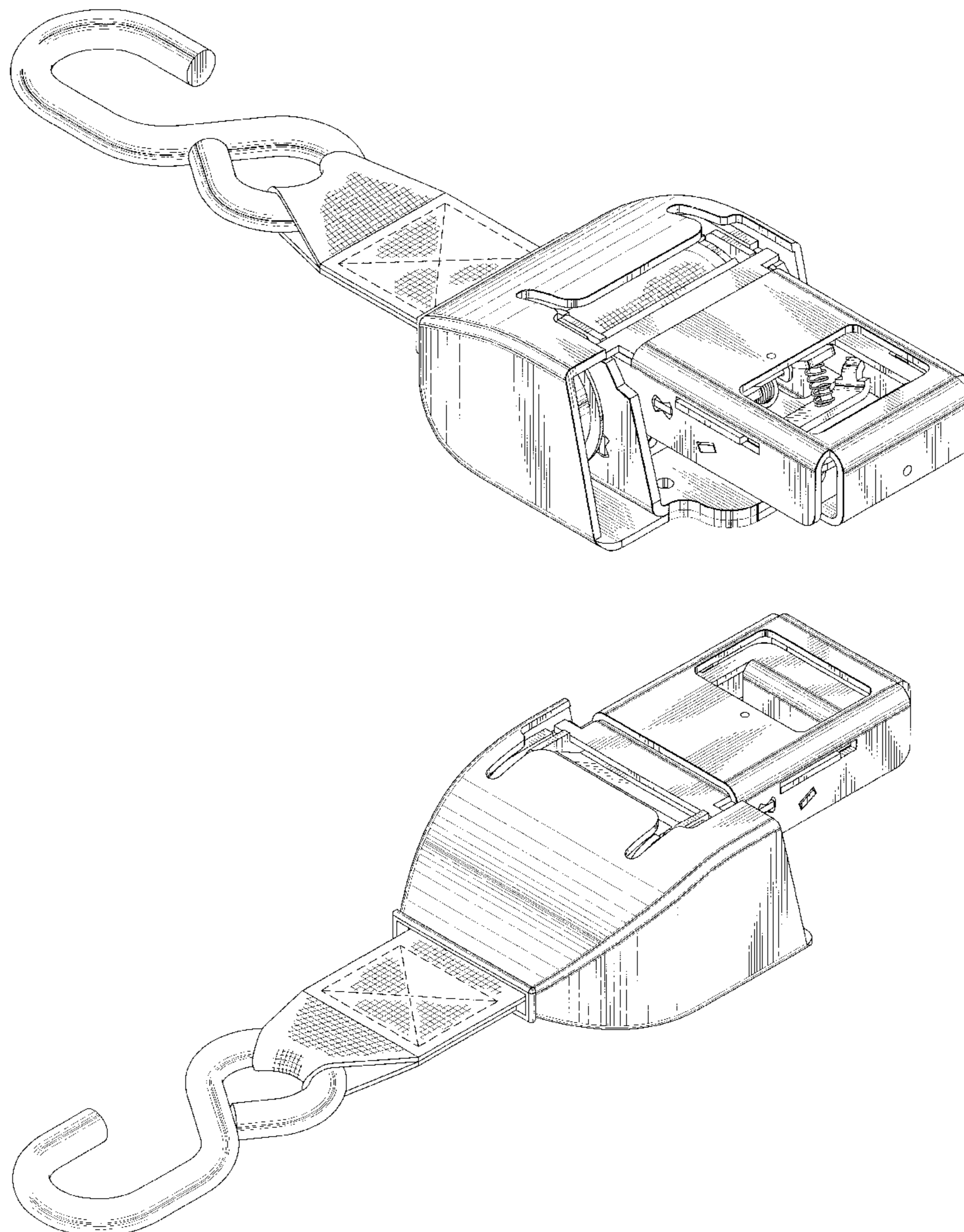
(57) **CLAIM**

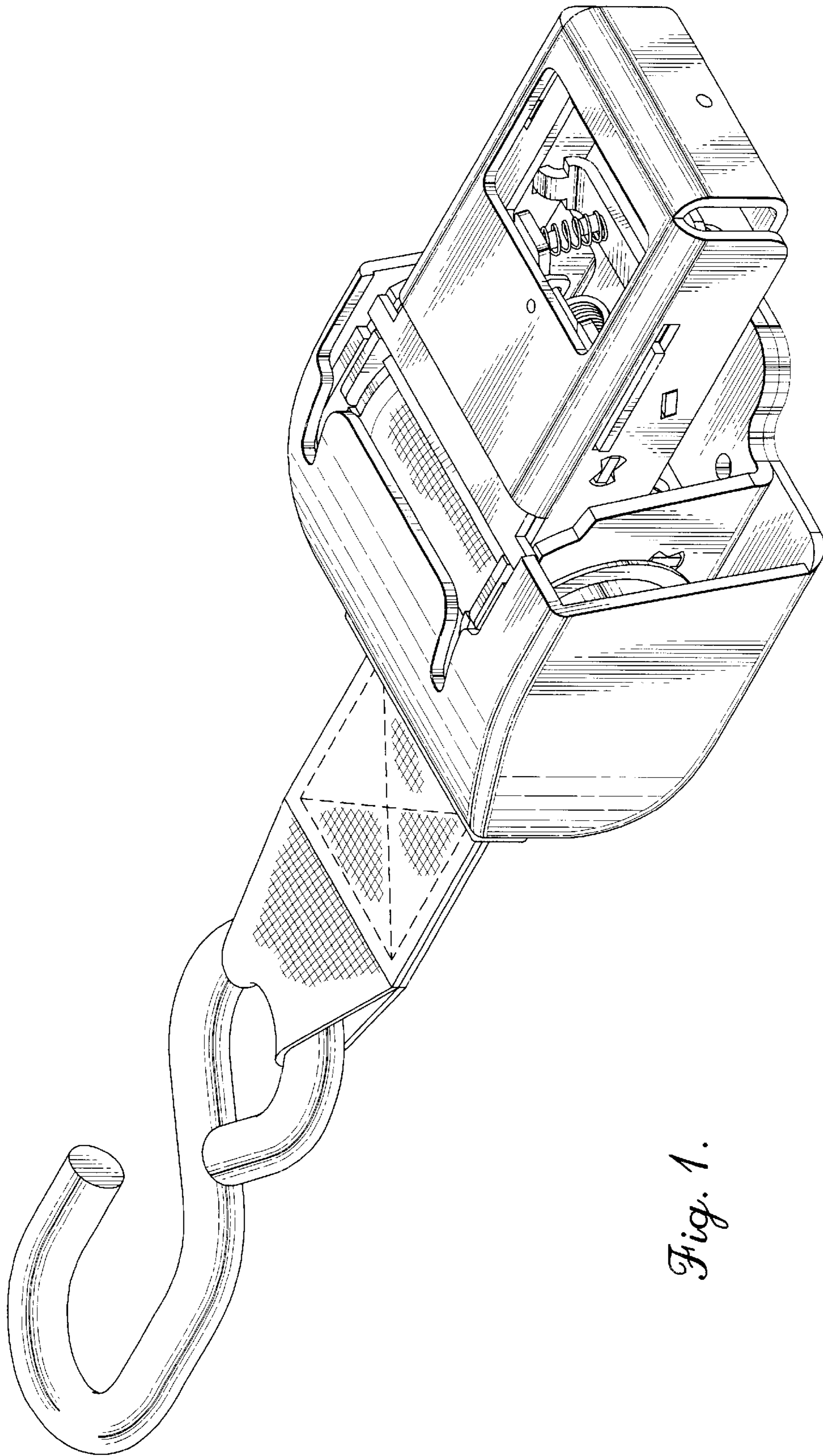
The ornamental design for a ratchet assembly for use in tie down, as shown and described.

**DESCRIPTION**

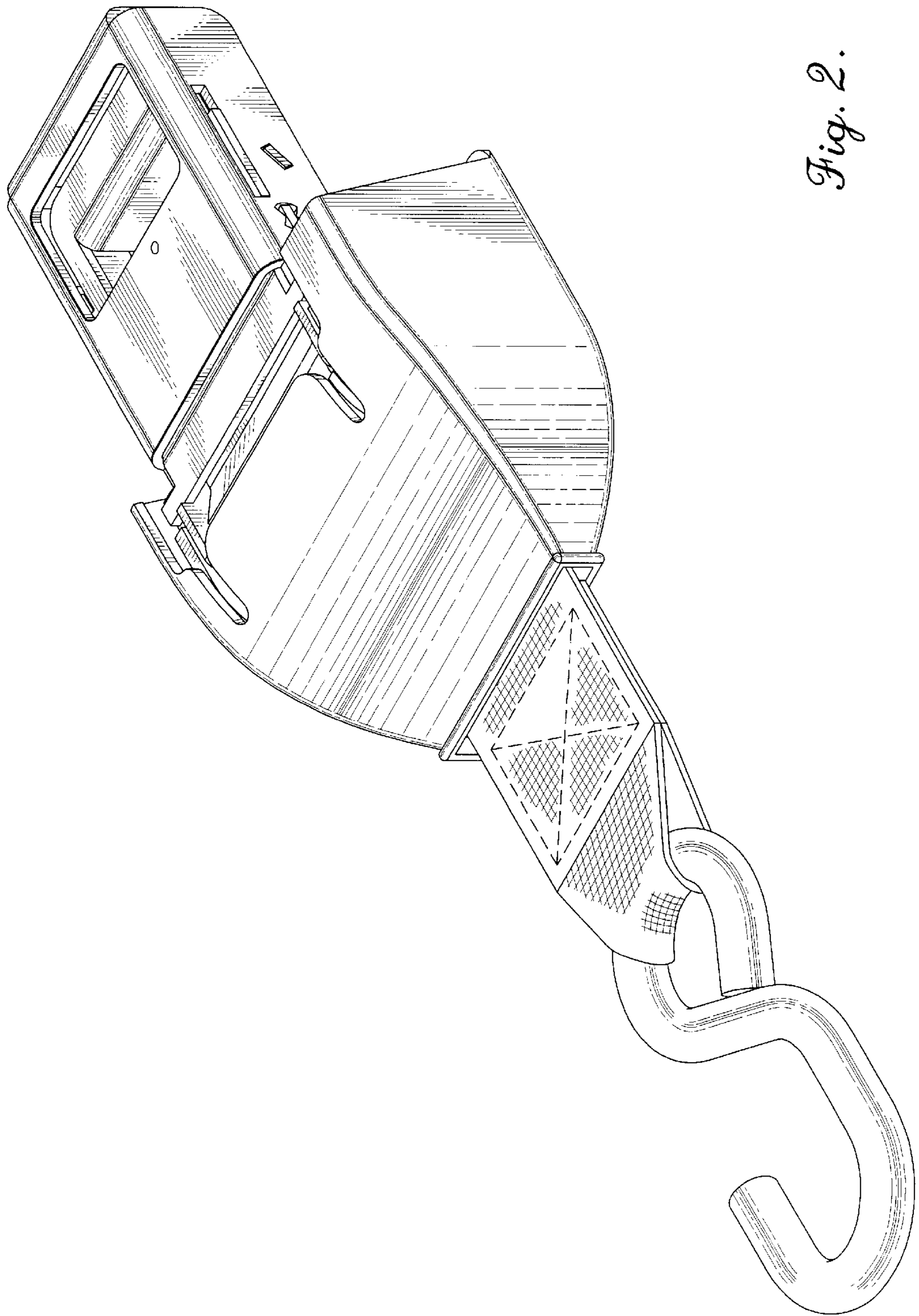
FIG. 1 is a rear perspective view; and, FIG. 2 is a front perspective view.

**1 Claim, 2 Drawing Sheets**





*Fig. 1.*



*Fig. 2.*