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United States Patent [19] Haltof

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- [54] **HAND RELEASE BRACKET**
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Related U.S. Application Data

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- [51] **Int. Cl.⁶** **A47B 96/06**
- [52] **U.S. Cl.** **248/221.11**; 248/309.1;
379/455
- [58] **Field of Search** 248/222.1, 221.3,
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454, 455; 224/42.42

References Cited

U.S. PATENT DOCUMENTS

- | | | | |
|-----------|---------|-------------------|-----------|
| 3,889,071 | 6/1975 | Davis et al. . | |
| 4,517,420 | 5/1985 | Haskins . | |
| 4,588,866 | 5/1986 | Monti . | |
| 4,718,625 | 1/1988 | Boda | 248/222.1 |
| 4,741,034 | 4/1988 | Errichiello | 379/433 |
| 4,782,528 | 11/1988 | Inove | 379/455 |
| 4,907,265 | 3/1990 | Uchino et al. . | |
| 4,969,187 | 11/1990 | Hattori | 379/433 |
| 5,069,407 | 12/1991 | Williams | 248/221.3 |
| 5,113,436 | 5/1992 | Jarvela et al. . | |

- | | | | |
|-----------|---------|-------------------|-------------|
| 5,142,573 | 8/1992 | Umezawa | 379/441 X |
| 5,157,722 | 10/1992 | Hollowed et al. . | |
| 5,179,590 | 1/1993 | Wang | 224/42.42 |
| 5,187,744 | 2/1993 | Richter | 224/42.42 |
| 5,189,698 | 2/1993 | Hakanen | 379/454 X |
| 5,230,016 | 7/1993 | Yasuda . | |
| 5,253,292 | 10/1993 | Fluder et al. . | |
| 5,282,246 | 1/1994 | Yang | 379/455 |
| 5,295,649 | 3/1994 | Lee | 248/309.1 X |
| 5,305,381 | 4/1994 | Wang | 379/426 X |
| 5,383,091 | 1/1995 | Snell | 379/455 X |
| 5,392,350 | 2/1995 | Swanson | 379/454 X |
| 5,410,597 | 4/1995 | Kepley | 379/449 |

FOREIGN PATENT DOCUMENTS

- | | | | |
|---------|--------|----------------------|---------|
| 2241132 | 8/1991 | United Kingdom | 379/455 |
| 2274975 | 8/1994 | United Kingdom | 379/454 |

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[57] ABSTRACT

A bracket holding an instrument in a latched position is hand releasable by a single hand gripping the sides of the instrument while moving a finger engageable surface to release a latch that is pivoted on the bracket. The latch is biased into a latched position, and the instrument is preferably biased out of a latched position so that the instrument does not rattle when latched and releases to the hand gripping it when the latch is unlatched.

17 Claims, 3 Drawing Sheets

