

(19) World Intellectual Property Organization
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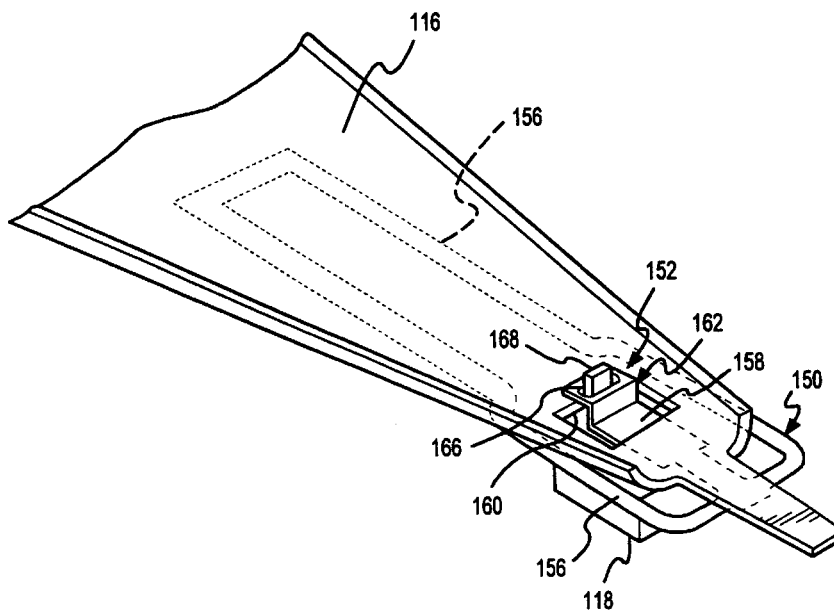
(43) International Publication Date
7 June 2001 (07.06.2001)

PCT

(10) International Publication Number
WO 01/41135 A1

- (51) International Patent Classification⁷: **G11B 5/48** (72) Inventors: **PATTERSON, Robert, Stuart**; 12517 Heatherton Court #112, San Diego, CA 92128 (US).
(21) International Application Number: **PCT/US00/25409** **MCDONALD, Ted, Randal**; 851 West Mulberry Street, Louisville, CO 80027 (US).
(22) International Filing Date: 15 September 2000 (15.09.2000) (74) Agents: **BRUESS, Steven, C.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903_et al. (US).
(25) Filing Language: English
(26) Publication Language: English (81) Designated States (national): CN, DE, GB, JP, KR, SG.
(30) Priority Data:
60/169,023 3 December 1999 (03.12.1999) US
09/608,487 30 June 2000 (30.06.2000) US
Published:
— With international search report.
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SHOCK LIMITING SUSPENSION FOR A DISC DRIVE



(57) Abstract: A suspension limiter for limiting travel of a read/write transducer gimbal in a disc drive is disclosed that positively engages or interlocks with a feature of the load beam supporting the gimbal, or vice versa, to preclude disengagement of the limiter during an abnormal external shock event. One embodiment has a hook on the load beam that fits within a hole gimbal to interlock the two together. Another embodiment has a hook on the gimbal that fits within a hole in the load beam during a shock event. Another embodiment has tabs on the gimbal that hook over a notch in side fingers extending from the end of the load beam on either side of the gimbal. Another embodiment has a hooked tab on the load beam that extends through an aperture in the gimbal to interlock the gimbal and load beam together during a shock load event. Each of the embodiments prevents catastrophic plastic deformation of the gimbal during such events.

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