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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B65H	A2	(11) International Publication Number: WO 97/48631 (43) International Publication Date: 24 December 1997 (24.12.97)
(21) International Application Number: PCT/US97/12597 (22) International Filing Date: 18 June 1997 (18.06.97) (30) Priority Data: 08/666,854 19 June 1996 (19.06.96) US (71) Applicant: QUANTUM CORPORATION [US/US]; 500 McCarthy Boulevard, Milpitas, CA 95035 (US). (72) Inventor: DALY, Keith; 10 Park Street, Shrewsbury, MA 01545 (US). (74) Agents: CHEN, John, C. et al.; Quantum Corporation, 500 McCarthy Boulevard, Milpitas, CA 95035 (US).		(81) Designated States: AU, CA, CN, JP, KR, NO, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: TAPE BUCKLING MECHANISM FOR SINGLE REEL CARTRIDGE TAPE RECORDING		
(57) Abstract A buckling mechanism for improving buckling reliability between a take-up leader and a cartridge leader is disclosed. The mechanism includes a buckling link, buckling arm and a link driver. The buckling link is biased about one end and includes a protruding portion having a T-shape face at the other end. The combination of the dimensions of the protruding portion and the constant biasing force ensures that the leaders are positioned and remain in position for successful buckling as the tape cartridge is inserted into the tape drive. The buckling link is mounted such that it functions independently of the other components, enabling the buckling link to maintain the biasing force against the take-up leader even after the buckling arm releases the take-up leader.		