

(19) World Intellectual Property Organization
International Bureau



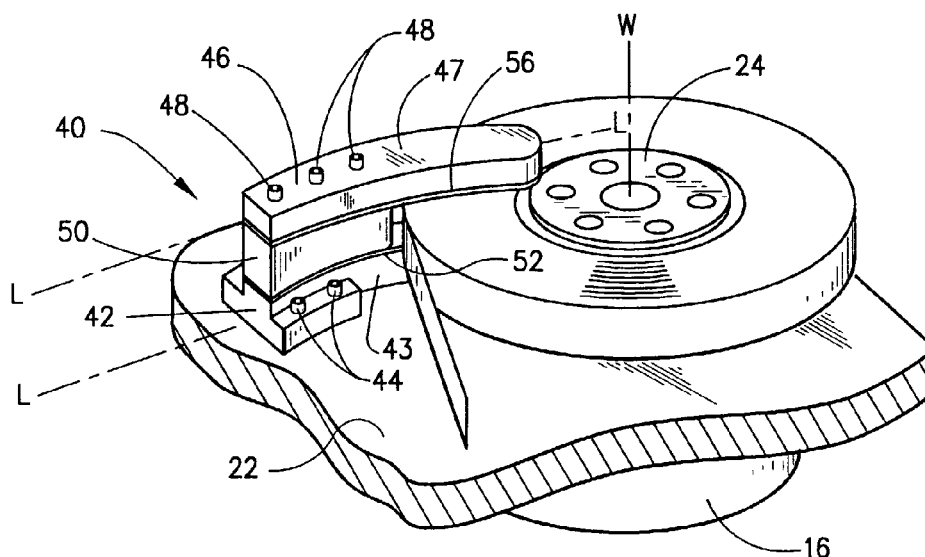
(43) International Publication Date
17 January 2002 (17.01.2002)

PCT

(10) International Publication Number
WO 02/05060 A2

- (51) International Patent Classification⁷: **G06F** (74) Agents: **MARTIN, Timothy, J.** et al.; 9250 W. 5th Avenue, Suite 200, Lakewood, CO 80226 (US).
- (21) International Application Number: PCT/US01/21222
- (22) International Filing Date: 5 July 2001 (05.07.2001) (81) Designated States (*national*): CA, CN, JP, KR, MX, NO, SG.
- (25) Filing Language: English (84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- (26) Publication Language: English
- (30) Priority Data: 09/614,575 12 July 2000 (12.07.2000) US **Published:**
— without international search report and to be republished upon receipt of that report
- (71) Applicant: **SEGWAY SYSTEMS, LLC** [US/US]; 10488 West Centennial Road, Littleton, CO 80127 (US).
- (72) Inventor: **GAVIT, Stephan, E.**; 9404 Clubs Den Drive Drive, Littleton, CO 80127 (US).
- 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: GUIDE PACKING RECORDING MEDIA ALONG WITH CARTRIDGES AND APPARATUS INCORPORATING SUCH GUIDES



(57) Abstract: An apparatus for winding a tape medium comprises a hub supported by a frame for wrappingly receiving the tape medium. A drive engages the hub and rotably drives it about a wind axis whereby a length of the tape medium is wound to form a spool/like tape pack with a portion of the tape medium entering the tape pack at a tangential nip and with the tape pack having opposite first and second surfaces. A packing arm includes a proximal end portion at the hub and extends to a distal end portion at the circumference of the tape pack. The packing arm has a contact surface for contacting the first surface of the tape pack. A support member supports the packing arm in contact with the first surface of the tape pack. A tape reel assembly for mounting to and demounting from a tape drive apparatus is also provided.