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(21) International Application Number: PCT/US99/17184 (22) International Filing Date: 29 July 1999 (29.07.99) (30) Priority Data: <table style="width: 100%;"> <tr> <td style="width: 40%;">60/094,763</td> <td style="width: 40%;">31 July 1998 (31.07.98)</td> <td style="width: 20%; text-align: center;">US</td> </tr> <tr> <td>60/136,414</td> <td>28 May 1999 (28.05.99)</td> <td style="text-align: center;">US</td> </tr> </table> (71) Applicant (for all designated States except US): SHUTTLEWORTH, INC. [US/US]; 10 Commercial Road, Huntington, IN 46750 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): HART, Steven, L. [US/US]; 2955 E. 630 N., Huntington, IN 46750 (US). HOWARD, Brent, R. [US/US]; 921 Home Avenue, Fort Wayne, IN 46807 (US). DAENZER, Klaus, P. [US/US]; 5183 Coventry Parkway, Fort Wayne, IN 46804 (US). (74) Agents: DANILUCK, John, V. et al.; Woodard, Emhardt, Naughton, Moriarty & McNett, Suite 3700, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204 (US).	60/094,763	31 July 1998 (31.07.98)	US	60/136,414	28 May 1999 (28.05.99)	US	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>	
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(54) Title: LOW ELECTROSTATIC DISCHARGE CONVEYOR (57) Abstract A conveyor (20, 120, 220, 320) for transporting objects sensitive to electrostatic discharge. In one embodiment, the present invention relates to a slippable roller conveyor (20, 120, 220, 320) with conductive slippable rollers (30, 30') in electrical communication with an electrical ground (60). The slippable rollers (30, 30') preferably have about 10^5 ohms resistance from the outer surface (40) to the inner diameter (34) to ensure that electrostatic charges built up on the conveyed object can flow to ground, yet not flow too quickly. In another embodiment, the roller shafts (35) are supported on highly conductive bushings that provide a path to electrical ground that is preferably less than 10^4 ohms. In yet another embodiment, the roller shafts (35) are driven by a conductive pulley (65) that minimizes the build-up of electrostatic charge as a result of a triboelectric effect with the drive belt (70).								