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(21) International Application Number: PCT/US99/27794 (22) International Filing Date: 23 November 1999 (23.11.99) (30) Priority Data: 09/210,286 11 December 1998 (11.12.98) US (71) Applicant: TRANSMATIC, INC. [US/US]; 6145 Delfield Industrial Drive, Waterford, MI 48329 (US). (72) Inventors: DEALEY, Onward, K., Jr.; 3553 Port Cove #51, Waterford, MI 48329 (US). DOMAS, Ben, V.; 1450 W. Buell Road, Oakland, MI 48363 (US). McCAULEY, Alvin, D.; 11154 Horton, Holly, MI 48442 (US). (74) Agent: JONES, Eric, T.; Reising, Ethington, Barnes, Kisselle, Learnan & McCulloch, P.C., P.O. Box 4390, Troy, MI 48099 (US).		(81) Designated States: CA, CN, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: LIGHTING SYSTEM FOR MASS-TRANSIT VEHICLES**(57) Abstract**

A lighting system (20, 20') for preferentially illuminating the seating area (38) of a mass-transit vehicle (22) includes a light fixture (42) with a lamp housing (52) longitudinally disposed above the seating area (38). An electrically energized light source (74) is mounted at at least one end of the light fixture (42). At least one solid-core semi-rigid light pipe (76, 78, 80) extends from and is optically coupled to the light source (74). The light pipe (76, 78, 80) receives light from the light source (74), transmits the light along its length, and emits the light laterally into the passenger compartment (24). The light pipe (76, 78, 80) runs parallel to and is suspended from the lamp housing (52) between the lamp housing (52) and the seating area (38) so that the lamp housing (52) can direct laterally emitted light from the pipe (76, 78, 80) into the seating area (38). The light pipe (76, 78, 80) can be supported by a hanger device (92). Additionally, the light source (74) can comprise a dual-port light source (74k).

