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(71) Applicant (for all designated States except US): **BETTER PLACE GMBH** [CH/CH]; Industriestrasse 13C, c/o Hodel Advokature + Notariat, CH-6304 Zug (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ORI, Jacobi** [IL/IL]; 3 Yefe Nof St', Tel Aviv (IL). **AVNER, Sadot** [IL/IL]; Kinert 2, Tel Aviv (IL). **SHAUL, Hanuna** [IL/IL]; Raziel 6 St', Tel Aviv (IL).

(74) Agents: **PALMER, Jonathan, Richard** et al.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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(54) Title: CABLE DISPENSING SYSTEM

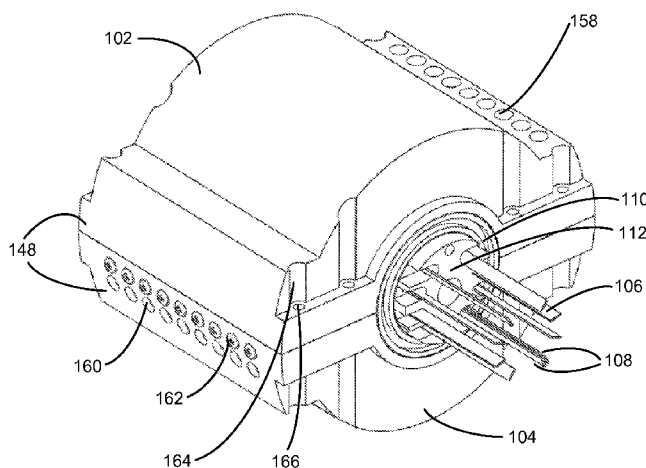


Fig. 1

(57) Abstract: The cable dispensing system includes multiple parallel coils of flexible non-insulated cables separated by multiple parallel insulating discs. The insulating discs have hubs to which the inner portions of the coils are fixedly coupled. The insulating discs and coils are disposed within a housing, which is rotatably coupled to the multiple parallel insulating discs and fixedly coupled to each outer portion of the multiple coils. The cables comprising the coils are routed from the inner portions through tunnels, which extend through the insulating discs in paths parallel to the axis of the parallel insulating discs. When cords attached to the housing are extended, the coils become wound, creating an electrical short between adjacent loops of the spiral coil. The short-circuiting reduces the amount of energy that is lost as heat.

