## ABSTRACT OF THE DISCLOSURE

**MOVING VEHICLE SYSTEM AND METHOD OF CONTROLLING MOVING VEHICLES**

A plurality of moving vehicles each having a secondary element of a linear motor, and a plurality of primary elements of a linear motor arranged at a pitch not more than the length of the secondary element along the travel route of the moving vehicles are provided. Sensors for detecting positions of the moving vehicles are provided at the pitch not more than the secondary element. Further, a controller for controlling the primary elements based on position signals from the sensors are provided.

FIGURE 2