

## A MEANS OF SWITCHING A MAGNETICALLY LEVITATED VEHICLE

The magnetically levitated vehicle for low-speed is supported by magnets pulling up to rails which are supported on T-shaped track. It is desirable to be able to switch vehicles from track to track and this report describes how this can be achieved with a track geometry that requires no moving parts other than those required for route proving reasons, these parts are non-load carrying.

The techniques described are within current available experience although some details will require some development. The vehicle will require additional magnets, smaller than the main support units, and an additional control in the lateral direction. A mechanical shuttle will be necessary to complement the track-based route proving equipment.