



Patents

Metrom Rail Patents

In partnership with Chicago-based McAndrews, Held & Malloy, Ltd., Metrom Rail has secured the following patents focused on Ultrawide-band based train control and signal compliance, collision avoidance, worker protection, and crossing warning enhancement.

- 8,752,787: Crossing Warning Enhancement
- 8,812,227: UWB-based Collision Avoidance
- 9,043,131: Collision avoidance system for rail line vehicles
- 9,731,738: UWB-based Signal enforcement
- 10,179,595: Worker protection system
- 10,336,353: Worker protection system
- 10,737,709: Worker protection system
- 10,778,363: Methods and systems for decentralized rail signaling and positive train control
- 10,896,589: Safety vest for use in worker protection systems
- 10,926,783: Worker protection system
- 11,700,075: Methods and systems for decentralized rail signaling and positive train control
- 11,790,481: Methods and systems for worker protection system with ultrawideband (UWB) based anchor network
- 11,814,088: Vehicle host interface module (VHIM) based braking solutions
- 11,349,589: Decentralized rail signaling and positive train control
- 11,492,027: Methods and systems for worker protection system with ultra-wideband (UWB) based anchor network

