



SHRAIL™ - the Sirkin-Hiles Rail

Status

Patent Applications:
PCT/US2016/034897

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Title: Surgical Rail Apparatus for Litter (aka SHRAIL™ and the Sirkin-Hiles Rail)

Lab: U.S. Army Medical Materiel Development Activity

Inventors: CPT Sirkin, Maxwell R.; COL Hiles, Jason M.

Licensed Non-Exclusively to Morzine Medical LLC

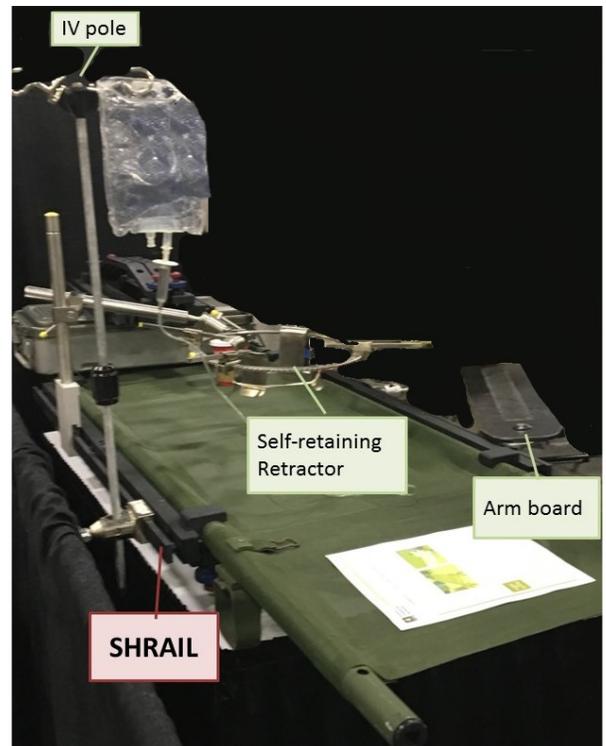
SHRAIL™ improves far forward surgery. Firmly attaches standard OR medical devices to field litters.

Technology

The SHRAIL™ is a rail system that enables the transformation of a standard NATO litter into a highly functional operation table or ICU bed. The rails provide a standardized means of attaching a broad range of medical devices, monitors, and products.

Application

The Army's invention is a means to connect the rails commonly found in operating rooms to stretchers and litters, thus greatly enhancing the capabilities of the platforms by the ready attachment of a full suite of surgical equipment. The result is the ability to employ advanced capabilities in emergency, field, and transportation operations outside the traditional operating room environment.



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Benefits

- **Simple, Secure Attachment:** Provides quick, easy, and solid attachment points on a litter for medical equipment compared to improvised methods such as clamps.
- **Standardized:** Compatibility with existing NATO litter, other litters, and a multitude of existing surgical instruments
- **Durable:** The rails are light weight, compact, corrosion resistant products that are easy to transport and store.

Contact

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