



CRANE

Innovation Infosheet

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Accessory Interface System

Track Code: CRANE-100359

Categories:

- Mechanical Engineering
- NSWC Crane

Keywords:

- Crane
- Interface System
- Mechanical Engineering
- Military
- Modular
- Weapons

In the status quo, heavier weapons are mounted on stands, including portable stands, to assist with the stability and ease of using such items. In order to increase the effectiveness of a weapon and to provide exceptional user protection, these weapons require accessories and targeting aids.

Naval Surface Warfare Center, Crane Division (NSWC Crane), has developed and patented an apparatus for mounting accessories on a weapon mount. One embodiment of the apparatus includes an accessory interface system having a forward module coupled to a mounting module. The mounting module of the accessory interface system mounts on a weapon mount. The forward module of the accessory interface system provides a plurality of surfaces for mounting weapon accessories. The accessory interface enables uniform positioning of accessories and modularity. Additionally, this technology successfully eliminates the overloading of the rail system and offers flawless management of collateral items.

Advantages:

- Increased effectiveness of a weapon
- Increased protection of the user
- Compatible with various designs

Potential Applications:

- Military

People:

- Davis, Jason M. (Project leader)
- Clarke, Brandon R.
- Dean, Brian P.

Intellectual Property:

Application Date: June 24, 2011

Type: Utility Patent

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