



**CRANE**

## Standoff Accessory for an Explosives Charge

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**Categories:**

- Mechanical Engineering
- NSWC Crane

**Keywords:**

- Crane
- Demolition
- Mechanical Engineering
- Mining Industry

NSWC Crane has developed, patented, and fielded a lightweight, stand-off bracket for demolition charges. It quickly and securely allows a charge to be placed by hand on various surfaces or structures including flat surfaces. The adjustable bracket allows for up to ten inches of displacement between the charge and a target and can support charges of seven or more pounds. The bracket is collapsible for easy storage and carrying. The bracket is attached to ferrous materials through a set of rare earth metals imbedded in the base of the bracket, and a skirt of high strength textile material provides attachment to other surfaces through a set of hooks and rings.

**People:**

- Scheid, Eric (Project leader)
- Moan, Brad

**Intellectual Property:**

**Application Date:** (None)

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