Rolling Pool Bridge

*Novel design that assists physically challenged individuals in participating in billiards*

**Key Features**

- Rolling pool bridge designed to encourage participation in billiards by individuals with physical disabilities
- Comprised of a wheel, chassis, and channel to hold a billiards cue
- Can be positioned anywhere on a billiards table to maneuver and control a billiards cue with only one hand
- Cost-effective solution for broad market adoption

**Technology**

Many veterans participate in recreational therapy and adaptive sports. Billiards is a popular activity for many veterans and the general population, however the physical requirements for holding a billiards cue limits participation for individuals with some physical disabilities. The Department of Veterans Affairs (VA) has developed a rolling bridge used with a billiards cue. The rolling bridge is designed for use by players with disabilities. The rolling bridge is comprised of a single wheel and a chassis secured to the wheel by an axle that allows the wheel to roll with respect to the chassis. The chassis has two clip extensions that form a cylindrical channel to hold a billiards cue. A user can maneuver the rolling bridge into place on a billiards table allowing use of the billiards cue with only one hand instead of two.

**Competitive Advantage**

The rolling pool bridge has a number of competitive advantages in enabling players to control the pool cue and execute pool shots using one hand. The rolling bridge is designed with a low and wide base that can be placed anywhere on the table no matter where the cue ball is positioned. In addition, the rolling pool bridge can be constructed from common plastic materials resulting in a cost-effective, commercially-scalable product. Furthermore, the rolling pool bridge is easy to use for players of any skill level.

**Partnership**

The VA is looking for a partner to further the development and commercialization of this technology through a license or through a collaborative agreement such as a Cooperative Research and Development Agreement (CRADA).

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**VA Inventors:**

Seth Hills
Nicole Shuman

**Stage of Development**

Prototype developed

**Patent Status**

Provisional Patent Filed

**For additional Information, contact**

Benjamin Henry
Benjamin.henry@va.gov
202.443.5736