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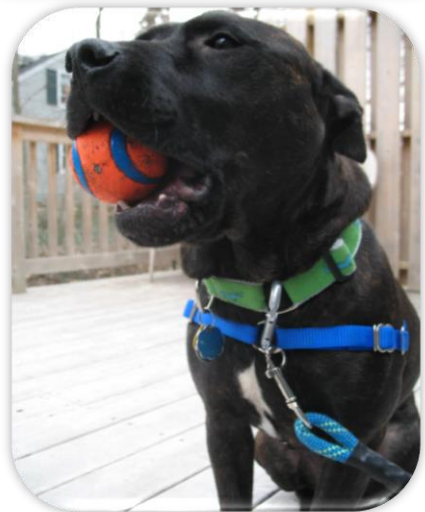
Carabiner

INVENTORS: David William Landrum, Dr. Norma Figueroa

CURRENT PROBLEMS:



← A part of the opening is blocked by the finger when the clip is opened →

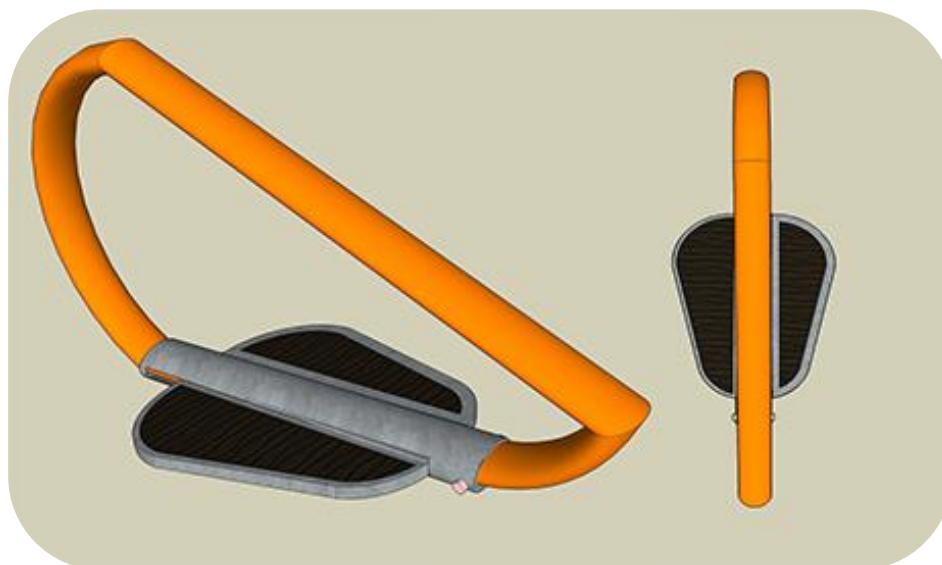


← Attaching a leash to a collar on a dog can be an issue with a moving animal especially on a small dog.

When the button is small it can be difficult to hold with thumb or finger →



OUR SOLUTION:



UTA researchers have designed a novel carabiner with a broad grip to facilitate easy opening and closing. The novel design allows a user to open from either side of the carabiner, with larger opening for access on collars, without fingers in the way.

KEY BENEFITS

- Novel broad grip: Addresses the grip issues faced by people with limited mobility and flexibility.
- Easier opening from either side.
- Easier manipulation.
- Faster clipping.

APPLICATIONS

- Climbing: Rock, Alpine and Sports.
- Rescuing
- Sailing
- Caving
- Household activities: Carrying, Clipping, Hanging

STAGE OF DEVELOPMENT

Prototyped and tested

INTELLECTUAL PROPERTY STATUS

Design Patent Granted

Contact information

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