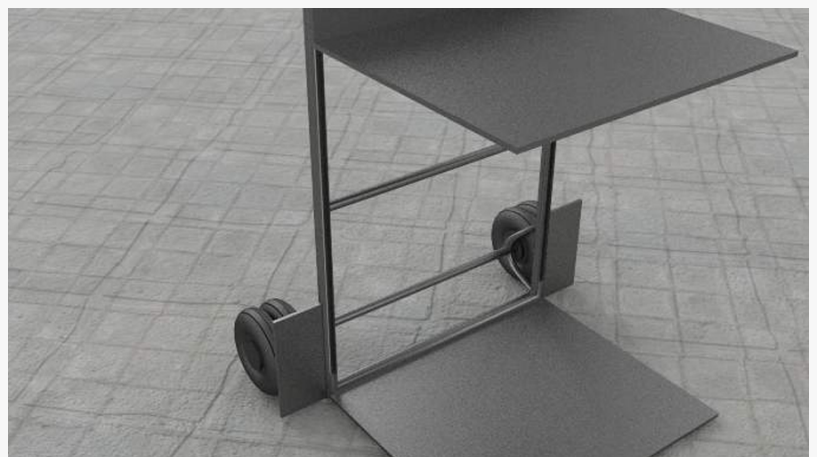
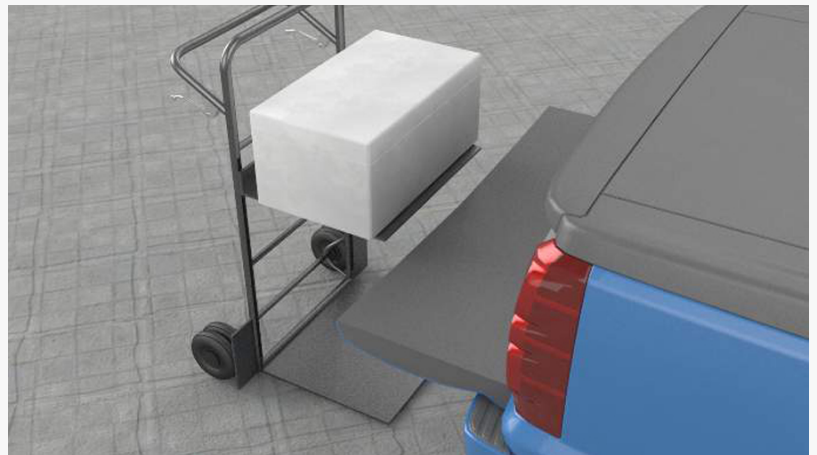


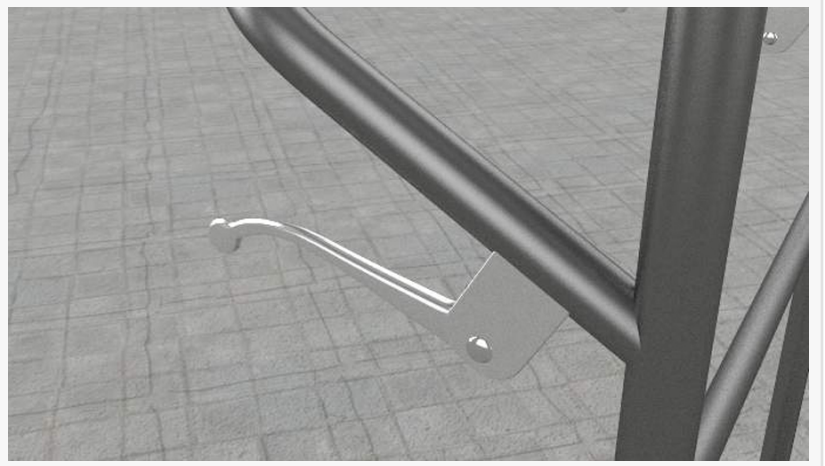
Lift-It Dolly Integrates Hydraulic Platform Lift Into Conventional Hand Truck Design

PITTSBURGH, PA, UNITED STATES, September 2, 2026 /EINPresswire.com/ -- Terry and Steve E. of Calico Rock, AR are the creators of the Lift-It Dolly, a modified hand truck designed to combine conventional wheeled material transport with an integrated hydraulic lifting mechanism. The system incorporates hydraulic components within the dolly's structural framework to raise the bottom plate and the load positioned on it, providing users with improved access to transported items without requiring the user to repeatedly bend down to the floor or lower portion of the dolly.

The Lift-It Dolly retains the basic operating characteristics of a conventional push dolly or hand truck, including a wheeled frame, load-supporting bottom plate, and handle structure. A hydraulic lifting assembly is concealed within the framework and mechanically connected to the bottom plate. An actuation trigger positioned near the handle allows the operator to activate the lifting mechanism while maintaining control of the dolly. When engaged, the hydraulic system elevates the bottom plate to raise the supported load to a more accessible height.



This configuration is intended to address a common limitation of traditional dollies: although wheels eliminate the need to carry an object throughout the entire transport process, the operator may still need to bend down and manually lift the load from the dolly when it is time to retrieve or reposition it. For heavier or awkwardly shaped objects, this final lifting motion can require considerable effort or assistance. Lift-It Dolly provides an alternative method for moving the load from the transport position to a more accessible working height by incorporating a powered or mechanically assisted elevation function directly into the dolly.



Key features and benefits include:

- Integrated hydraulic lifting system: Hydraulic components are incorporated within the dolly framework to provide controlled vertical movement of the load platform.
- Handle-mounted activation trigger: A trigger located near the handle allows the operator to initiate the lifting operation without moving away from the dolly.
- Conventional wheeled transport: The dolly maintains wheels for maneuvering loads across floors and other suitable surfaces.
- Improved load accessibility: Raising the platform places transported objects at a more convenient height for removal or further handling.
- Reduced manual lifting effort: The hydraulic mechanism can assist with the transition between transporting a load and accessing it.

Traditional hand trucks are effective for transporting heavy objects but generally do not address the physical demands associated with loading and unloading. Once an item has been transported to its destination, the operator may still need to bend down and manually lift the object from the dolly's low-positioned support plate. This can add time and physical effort to an otherwise efficient transportation process.

Lift-It Dolly adds to the functionality of a conventional hand truck by incorporating an elevation stage directly into the load-supporting structure. The operator can transport the item using the wheels and then activate the handle-mounted trigger to raise the hydraulic platform. The design provides a more integrated approach to material handling and can make heavy or difficult-to-access items easier to retrieve after transport combining transportation and load elevation within a single unit.

Terry and Steve were issued their Utility Patent from the United States Patent and Trademark Office (USPTO) and is working closely with [InventionHome](#), a leading invention licensing firm, to sell or license the patent rights to their Lift-It Dolly. Ideal licensing candidates would be U.S. based product manufacturers or distributors looking to further develop and distribute this product innovation.

Companies interested in the Lift-It Dolly can contact InventionHome at member@inventionhome.com. Inventors currently looking for assistance in patenting, marketing, or licensing their invention can request information from InventionHome at info@inventionhome.com or by calling 1-866-844-6512.

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