

## **LatchTool Designs a Pair of Pliers that Levels the Playing Field**

*Gives women, the elderly and infirmed the hand strength of a weightlifter.*

Colorado Springs, CO (PRWEB) April 25, 2005 -- Late last year, LatchTool introduced its PowerCylinder™, a mechanical force amplifier that leverages pounds into tons. Its sophisticated three-speed system uses encapsulated hydraulic circuitry to multiply an input force 60 fold. Design News, a magazine for design engineers, picked the PowerCylinder a best product of the year for 2004.

Now the Company has integrated a simpler version of its encapsulated hydraulic circuitry right into a pair of pliers. Roughly 70 years ago, Christian Peterson invented what was to become the Vise-Grip®; pliers with a mechanical system that once tripped allow the tool to stay latched on to whatever it has grasped. It takes substantial hand strength to set a Vise-Grip®; type locking pliers; even more to release its hold. Now comes the LatchTool invention where a 30-pound squeeze can deliver nearly triple the clamping force of a locking pliers. And even better, a push of a button releases its grasp.

For some idea of relative strengths, a man's grip averages 50 pounds, a woman's 30 pounds. With LatchTool's new PowerPliers®; a 15-pound grip will deliver the same force a man can deliver with a conventional locking pliers. The Company has patented its technology and is now seeking venture partners to manufacture and market their PowerPliers®;.

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