

LATCHTOOL

FastFlow® within — Fluid Power without the complications.

“It doesn't matter how new an idea is: what matters is how new it becomes”

Elias Canetti—Nobel Laureate—1981.

LatchTool Group happened because a team of inventors, engineers and entrepreneurs pursued what seemed a good idea— hand tools with an embedded hydraulic boost. The result was the coordinated discovery of an **annular fluidic seal-valve** and the hydraulic circuitry that enables **Microhydraulic Actuators**—closed automatic linear transmissions that hydraulically leverage mechanical input. A technology that is much bigger than hand tools.

FastFlow® fluidics/Microhydraulic Actuators are the mechatronic answer for fluid power in small spaces and remote places. **They are MEMS on steroids...**

Innovation is highly sought especially in troubled times: Competitors armed with newer, better and less expensive advantages win. Competition is the fuel for the rapid diffusion and adoption of game changing technology.

Driving the adoption of **disruptive technology** to its *tipping point* takes OPEN innovation, Game Theory and a Strategy propelled by a contagious vision of winning.

The [Introductory Letter](#) presents this Big Picture. **Figure 1** is the encyclopedia of disclosers and contemplations shaping the **FastFlow®** vision.

LatchTool Group

...FastFlow®within

[Bob McPherson, Chair/CEO](#)

719-360-8800

In response to the movie Avatar—

“Your technology, Bob, is the only conceivable means of making those war machines a reality...”

Steve Clark, M.Sc. — Sr. Principle Software Engr., Atmel

At the World Trade Center—NYC—

*“Telephonically integrated FastFlow tools and equipment would make **big jobs** faster, easier and more manageable ... HydrAssembly is the ultimate for delivering productivity”*

Dave Marshall—Project Executive/WTC 4, Tishman Construction

Air mission effectiveness—

“Legacy hydraulics powers everything from surface controls to landing gear. Smaller, lighter & simpler FastFlow fluidic systems would translate into improved mission readiness & flight safety.”

Col. Ron Hindmarsh (Ret)—USAF/AFA graduate

LTG/*FastFlow®* Phenomena

Paradigm Issues: [Technological Bases](#)

Challenge: [FastFlow® within...](#)

Focus: [FastFlow® Syndicate](#)

Integration: [RDE - Piezo Signaling](#)

Overview: [LTG Montage & Milieu](#)

History: [LTG Chronology & Conclusions](#)

Budget: [Use of Proceeds](#)

Capitalization: [Notes & Rainmakers](#)

Leadership: [Organization & Bios](#)

SiteMap: [Synopsis](#)

Website: [LatchTool.com](#)

Figure 1: