

Lawn, garden transmission market leader to integrate Fallbrook Technologies Inc.'s NuVinci® CVP technology

– Production by Hydro-Gear® will be the first application to use infinitely variable planetary transmission system –

San Diego, Calif. – June 6, 2011 – [Hydro-Gear](#), the market leader for hydrostatic lawn and garden transmissions, announced today its intention to integrate [Fallbrook Technologies Inc.'s](#) (Fallbrook) NuVinci® continuously variable planetary (CVP) technology into its product line.

Full production is projected to commence in early 2013, and will be the first commercial use of Fallbrook's award-winning *NuVinci* CVP technology in an infinitely variable transmission (IVT) application. The development program has resulted in a successful demonstration of a pre-production prototype passing functional and durability testing.

“We took Fallbrook’s technology through a rigorous set of functional and durability tests, and were impressed with the results,” said Ray Hauser, president of Hydro-Gear. “The *NuVinci* IVP/CVP system directly supports our long term strategy of developing engineered solutions and delivering innovation to the outdoor power equipment market. We are confident that we’ve selected the best technology partner to do that.”

An IVT is a type of continuously variable transmission that includes forward, reverse and zero output speeds all within its range of ratios of input to output speeds. For applications such as lawn and garden equipment, an IVT is a good choice because the mower must be able to move quickly in both forward and backward directions without manual shifting. The *NuVinci* CVP technology provides a mechanical IVT that is quieter and uses dramatically fewer parts than other mechanical IVT designs.

“Other companies have tried to leverage mechanical IVTs in similar applications, but without success. That’s because traditional systems have been expensive, complex and noisy,” said William G. Klehm, Chairman and CEO of Fallbrook Technologies. “The *NuVinci* CVP system fully addresses these issues by being far more durable and scalable as well as less complex and costly to manufacture. We firmly believe our technology is a game changer in the lawn and garden as well as other industrial markets.”

More information about *NuVinci* technology is available at www.fallbrooktech.com/NuVinci.asp.

About Hydro-Gear

Hydro-Gear, headquartered in Sullivan, Illinois, is the leader in drive solutions for the Outdoor Power Equipment (OPE) market. It manufactures products in two US locations, operates a European Sales/Service center and a Sales/Purchasing center in Asia. Additionally, Hydro-Gear has over 11,000 trained service dealers world-wide for long term product support. For more information, visit www.hydro-gear.com.

About Fallbrook Technologies Inc.

Fallbrook's NuVinci® continuously variable planetary (CVP) technology improves the performance and efficiency of machines that use a transmission, including bicycles, electric vehicles, automobiles, agricultural equipment, wind turbines and others. The *NuVinci* technology offers companies the flexibility to design and produce next-generation products that are better tailored to their unique business, market and competitive requirements. One example of a next generation product is a *NuVinci* CVP that controls the speed of automotive accessory drives (including air conditioning compressors, alternators, and superchargers) independently of engine speed, thereby improving fuel economy or increasing performance or both.

Fallbrook has built an extensive portfolio of over 400 patents and patent applications worldwide. The company intends to continue its research and development activities to enhance the performance and capabilities of its *NuVinci* technology.

For more information, visit www.fallbrooktech.com

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