



FOR IMMEDIATE RELEASE

**Fallbrook Technologies' NuVinci® Harmony™ Auto-Shifting Transmission to Make a Splash at Sea Otter Classic Cycling Exposition in Monterey, CA (April 10-13, 2014)**  
– Participation with Bosch eBike Systems Reflects Increased Support of US Market –

CEDAR PARK, Texas, April 7, 2014 – Fallbrook Technologies Inc. (Fallbrook) announced today that it will participate alongside German electric bike motor manufacturer Bosch and Gates Carbon Drive at the Sea Otter Classic Exposition in Monterey, California on April 10-13, 2014. Bosch is the eBike Systems sponsor of the event.

Sales of eBikes in Europe have been growing rapidly and many leading European bicycle manufacturers have adopted (or are in the process of adopting) Bosch motors combined with Fallbrook's *NuVinci* bicycle transmission systems for use in their electric pedal assist cycles (pedelecs). The *NuVinci* N360™ continuously variable transmission, with its essentially unlimited number of gear ratios and ease of shifting, can significantly improve eBike performance and enhances the overall riding experience. The *NuVinci* Harmony™ intelligent auto-shifting system incorporates the N360 transmission with automatic shifting that allows setting a specific cadence and maintaining it without the need to think about shifting or which gear to select.

eBikes are starting to attract considerable attention in the U.S. and sales are accelerating, according to Rick Soberanis, Fallbrook's Chief Accelerator of Sales and Business Development for Bike, North America. "Bosch has by far the largest share of the market for eBike motors in Europe," noted Soberanis. "There is now an opportunity for them to have a dominant position in the U.S. and we expect *NuVinci* to be a key part of their success." Soberanis continued, "Bosch introduced its new torque-sensing 'Performance Line' mid-motor drive system in Europe last year and demand for it has been very strong. The system is optimized for the U.S. standard of 20 mph and the introduction at Sea Otter will appeal broadly to U.S. consumers and deliver momentum for the category in the U.S. market as it has in Europe."

As the official eBike Systems Sponsor at Sea Otter, Bosch will have a large exhibit area showcasing eBikes equipped with Performance Line motors and Fallbrook's *NuVinci* *Harmony* transmission systems. *NuVinci* eBikes will be available to ride each day on a Sea Otter eBike-dedicated road course. "We have a very positive and increasingly close relationship with Bosch in Europe," said David Hancock, Fallbrook's Executive Vice President - Product Business Units. "Our *Harmony* intelligent auto-shifting transmission system is on its way to becoming a standard for transmissions on European pedelecs (pedal electric bikes) with Bosch motors," Hancock continued. "We're delighted to be a participant in their U.S. launch at Sea Otter, which matches up with our plans for increased marketing in the U.S. cycling market."

Until recently, Fallbrook's marketing of its *NuVinci* continuously variable bicycle transmission and *Harmony* intelligent auto-shifting system has focused on Europe where bicycles are heavily used for transportation. Nevertheless, *NuVinci* continuously variable bicycle

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transmissions have been available on bikes in the U.S. since their commercial availability in January 2007. U.S. brands with *NuVinci* models include Novara (the bicycle brand of the consumer retail chain REI), which offers the Gotham model, a city bike equipped with *N360*. REI has recently expanded the availability of the Gotham to most of its stores. Breezer's Uptown Infinity, an award-winning commuter bike, includes the *N360* as does Origin 8's Crawler, a mountain bike. Other brands with *NuVinci N360*-equipped models include Autobike, Bike Friday, BuddyBike, Dahon, English Cycles, Handsome Cycles, Jamis and Yuba. These include some specialized applications such as cargo, folding, and tandem bikes.

Soberanis says, "With eBikes gaining traction, I expect the availability of bikes incorporating *NuVinci* to increase significantly in the U.S. in the coming months."

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## About Fallbrook Technologies

Fallbrook's *NuVinci* continuously variable planetary (CVP) technology can improve the performance and efficiency of machines that use a transmission, including bicycles, electric vehicles, automobiles, off-highway vehicles, stationary equipment, wind turbines and others. The *NuVinci* technology is Transforming Gears into Spheres™ by using a set of rotating balls between the input and output components of a transmission. Tilting the balls changes their contact diameters and varies the speed ratio. Compared to other current transmission technologies, the *NuVinci* technology is less complex, scales and packages more easily, costs less to manufacture, and facilitates achieving optimum performance.

The *N360* continuously variable bicycle drivetrain and the *Harmony* automatic electronic shifting system, which utilizes the *N360*, are Fallbrook's current commercially available products for the bicycle industry. Since their introduction, Fallbrook's cycling products have become a standard component on more than 60 major bicycle brands throughout Europe. Outside of cycling, 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. Fallbrook's *NuVinci* CVP technology is now being developed for commercialization in several other applications. For example, major automotive transmission suppliers have licensed *NuVinci* technology for the development of automotive class drivetrains, and a market-leading supplier has licensed the technology and is developing *NuVinci* CVP transmissions for electric and gasoline light vehicle applications. *NuVinci* CVP technology can be configured to replace multiple planetary gears, providing dramatic performance improvement in a smaller package and at a lower cost. Fallbrook has built an extensive portfolio of over 600 patents and patent applications worldwide. For more information, visit [www.fallbrooktech.com](http://www.fallbrooktech.com)

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