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Big Nano – A Quantum Leap Forward



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Frontier NanoSystems Named 2016 Red Herring Top 100 Global Winner

Company's high productivity manufacturing nanotechnology can efficiently produce ultra-high performance materials for use in microelectronics, aerospace, energy, transportation, oil and gas, and other sectors.

AUSTIN, Texas (Nov. 29, 2016) – Frontier NanoSystems, LLC, a privately held company based in Austin, Texas, has been honored as a winner of a prestigious 2016 Red Herring Top 100 Global award. Red Herring announced its [Top 100 Global award winners](#) November 17th at its Red Herring Global Forum in Marina Del Rey, Calif., in recognition of the leading private companies from North America, Europe and Asia, celebrating these startups' innovations and technologies across their respective industries. This honor follows Frontier NanoSystems' selection as a Red Herring Top 100 North America winner in June.

Red Herring's Top 100 Global list has become a mark of distinction for identifying promising companies and entrepreneurs. Red Herring editors were among the first to recognize that companies such as Facebook, Twitter, Google, Yahoo, Skype, Salesforce.com, YouTube, and eBay would change the way we live and work.

"Choosing the companies with the strongest potential was by no means a small feat," said Alex Vieux, publisher and CEO of Red Herring. "After rigorous contemplation and discussion, we narrowed our list down from hundreds of candidates from across the globe to the Top 100 Winners. We believe **Frontier NanoSystems** embodies the vision, drive and innovation that define a successful entrepreneurial venture. The company should be proud of its accomplishment."

Red Herring's editorial staff evaluated the companies on both quantitative and qualitative criteria, such as financial performance, technology innovation, management quality, strategy, and market penetration. This assessment of potential is complemented by a review of the track records and standing of startups relative to their peers, allowing Red Herring to see past the "buzz" and make the list a valuable instrument of discovery and advocacy for the most promising new business models from around the world.

"It is a great honor to be selected by Red Herring for this distinction," said L. Pierre de Rochemont, Frontier NanoSystems Founder and General Manager. "We have yet to meet an organization with which we have been through a more thorough, thoughtful and insightful due diligence experience. As demonstrated over the decades,

Red Herring has a firm grasp on the business of technology and has truly positioned itself as the preeminent muse chronicling current and future developments in the tech space.”

At the heart of Frontier NanoSystems’ global IP estate is a new phase of matter the company calls *Big Nano*. *Big Nano* is a material that is physically large enough to have economic value, yet, at the same time, still manifests the properties of its nanoparticle equivalent. Despite their enormous promise and early hype, nanotechnologies have disappointed as financial investments. *Big Nano* circumvents these shortcomings.

Frontier NanoSystems has established international claims to *Big Nano* in the form of a ceramic, an electroceramic, a metal, metallic alloy or superalloy, and a semiconductor. The company's global patent estate now comprises issued claims to product designs and embodiments that promise order of magnitude performance improvements to nearly all microelectronic circuits having large commercial value, from RFID to quantum computing.

About Red Herring

Red Herring is a global media company which unites the world’s best high technology innovators, venture investors and business decision makers in a variety of forums: a leading innovation magazine, an online daily technology news service, technology newsletters and major events for technology leaders around the globe. Red Herring provides an insider’s access to the global innovation economy, featuring unparalleled insights on the emerging technologies driving the economy. For more information, visit redherring.com.

About Frontier NanoSystems

Frontier NanoSystems, LLC, based in Austin, Texas, is commercializing an advanced additive, high productivity manufacturing technology that can efficiently produce ultra-high performance materials, including metals/alloys/superalloys, ceramics/electroceramics and semiconductors at unmatched rates and integrate them into high-value products with applications in the microelectronics, aerospace, energy, transportation, oil and gas, and other industry sectors. Visit frontiernano.com for more information.

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