



MINNESOTA WIRE

Press Release  
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Life Saving Connections

## Minnesota Wire Files Patents

**St. Paul, Minnesota: 03/19/09** – Minnesota Wire recently filed two utility patents – the first in the company’s 40-year history. The patents are for: **“Komodo” Stretchy Wire**, covering stretchy wire and braided stretchy wire, elastic nano composites for shielding, carbon nanotube (CNT) wire, and pure CNT shields; and **Prognostic Health Management (PHM)** which involves applications for laminating embedded capacitance in flexible circuits.

The patents filings are unusual for an industry in which the basic technology has remained substantially unchanged for decades. The firm is working on novel properties and enhanced performance that improve electrical signal integrity. The CNT technology will significantly reduce the weight of wire, improve its longevity and provide radio-translucence, enormously beneficial for aerospace and medical device technology. And PHM will aid in predicting wire faults before they can cause potentially life-threatening risks in vital equipment.

Minnesota Wire embarked on a strategic path after 9/11 to build new, sustainable value as a leader in the transformation of the wire, cable and interconnect industry. Paul Wagner, Minnesota Wire’s Chairman & CEO, has led that effort. *“It made sense for us to step up and lead, rather than let foreign competition beat us on price for simple commodities,”* said Wagner. *“What we do best is think ahead, and innovate to set new, better standards for products that can help save lives.”*

The company’s tagline, *“Life Saving Connections,”* reflects that, and the path forward has been an aggressive pursuit of federal R&D grants to fuel that innovation and transform the company. Minnesota Wire has received \$4 million worth of those grants, and it won the prestigious Tibbetts Award in 2007 for R&D excellence. The R&D work has begun to build the company’s intellectual property portfolio, and is rapidly moving toward commercialization of its market-disruptive electrical interconnect solutions for its traditional medical, defense and commercial customers.

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Minnesota Wire is a vertically integrated, custom manufacturing and development house for wire, cable and interconnect assemblies to the Medical, Defense, Instrumentation and Telecommunications industries. The company is a market and R&D leader in: electrical signal integrity; mitigating triboelectric effects; radio-translucent wire; and innovative connections for wearable electronics, patient monitoring systems and leading-edge medical devices.

The 30,000 square foot headquarters in St. Paul, Minnesota boasts a full R&D and test and measurement center, an Electromagnetic Capabilities (EMC) chamber for electronic pre-compliance testing and a “wet lab” for its nanotechnology applications. Another high-volume, 58,000 square foot focused-cell, lean production facility is located in Eau Claire, Wisconsin. MWCC is ISO 9001: 2000 certified, ISO 13485: 2003 compliant, ROHS compliant, and is a MIL-STD and IPC-620 certified harness manufacturer.