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## **Quick-Med Technology, Inc. Receives Notice-of-Allowance for New NIMBUS Patent**

### **New Poly-Electrolyte Complex (PEC) Patent Will Protect NIMBUS Antimicrobial Product Applications**

GAINESVILLE, FL -- (Marketwired) -- 08/23/13 -- Quick-Med Technologies, Inc. (OTCQB: QMDT), a life sciences company that is developing innovative technologies for the healthcare and consumer markets, announced today that it has received a Notice-of-Allowance for an additional new U.S. patent that will protect its novel, non-leaching NIMBUS® antimicrobial technology.

The U.S. Patent and Trademark Office has allowed all 41 claims in Quick-Med Technologies' U.S. Patent Application No. 12/830,062 titled, "POLYELECTROLYTE COMPLEX FOR IMPARTING ANTIMICROBIAL PROPERTIES TO A SUBSTRATE." This new patent will provide protection for an improved method of preparing the company's NIMBUS antimicrobial products. The method utilizes a Poly-Electrolyte Complex, or PEC in which a negatively-charged (anionic) polymer is used to stabilize the active antimicrobial agent -- a positively-charged (cationic) polymer. This complex allows the NIMBUS polymer to be bonded to a wider variety of substrates, opening the door for new applications and products.

"The PEC method is an important improvement in the way we manufacture our NIMBUS materials," said Dr. William Toreki, one of the inventors of the method, and Quick-Med's Vice-President of Research & Development. "The PEC makes the antimicrobial component more adherent on a molecular level, and that makes it easier to attach it to the surfaces of bandages and wound dressings." The PEC method is currently in-use in

commercial products such as the BIOGUARD® series of wound dressings sold by Derma Sciences, under license from Quick-Med. Quick-Med expects this new patent to issue in approximately 6 to 8 weeks from today, and it will remain in force until the year 2030.

### **About NIMBUS**

Quick-Med's patented technology, NIMBUS, is a cutting-edge antimicrobial technology that has been custom designed for wound care and other medical applications. NIMBUS received De Novo FDA clearance in 2009 and has been commercialized in traditional wound care applications. It is the only non-leaching antimicrobial dressing which, by design, poses no risk of bacteria developing resistance. NIMBUS technology is protected by twelve U.S. patents and patents pending and 24 foreign counterparts. Additional applications under development include advanced wound dressings, medical adhesives, catheters, and contact lenses.

While NIMBUS antimicrobials remain at full strength, the active agent in most other antimicrobial technologies is depleted gradually while in use. These other antimicrobials carry the risk of irritation or interference with healing in products such as wound dressings and textile applications in which the treated material is next to or used on the skin. The bonding of an antimicrobial to a substrate is a paradigm shift from the current state-of-the-art which fosters release of the active agent. The value of a non-leaching antimicrobial is that it does not allow depletion of the active agent which can lead to damage to human skin or tissue cells such that they can cause irritation, delay healing and possibly initiate the development of bacterial resistance.

### **About Quick-Med Technologies, Inc.**

Quick-Med Technologies, Inc. is a life sciences company that is developing and commercializing proprietary, broad-based technologies for the consumer and healthcare markets. The Company's NIMBUS® technology is the first FDA-cleared, non-leaching antimicrobial technology available in a wound dressing. Its *Stay Fresh*® technology provides highly durable antimicrobial protection for apparel and other textile applications, with consumer applications of *Stay Fresh* Technology having EPA registration for the treated articles, as well as an FDA clearance for an antibacterial medical textile product. Quick-Med develops antimicrobial technologies to promote public health, safety and comfort. For more information, see: [www.quickmedtech.com](http://www.quickmedtech.com).

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