

## **KensaGroup Launches iFyber™ to Commercialize Nanostructured Textiles**

### **New Technology Has Many Promising Industrial Applications**

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KensaGroup, LLC of Ithaca, NY announced the launch of iFyber™ LLC, a startup venture that will develop applications of novel metal nanoparticle functionalized textile fibers. The technology was developed by Dr. Juan Hinestroza in conjunction with Dr. Aaron Strickland at Cornell University. Dr. Hinestroza is Assistant Professor of Fiber Science at Cornell. Dr. Strickland, a postdoctoral research associate at Cornell, is currently Director of Research and Development at iFyber. Terms of the technology licensing agreement with Cornell were not disclosed.

The key to iFyber's technology is the ability to deposit uniform, conformal nanocoatings on natural and synthetic fibers. The iFyber process imparts custom properties to treated fibers including water and oil resistance, antimicrobial behavior as well as electrical conductivity. Moreover, the Company's proprietary coating process allows the nanoparticles to adhere to curved fiber surfaces and crevices with a uniform distribution of particles using traditional textile processing equipment.

"iFyber has developed a platform technology of considerable value in many markets," said Andrew Scirri, President. "Potential applications include functional clothing, medical packaging, anti-counterfeiting devices, and medical devices."

iFyber's uniform distribution of nanoparticles on the fibers creates high surface area and multiplies the number of available "functional sites" on the textile, thus making it possible to layer materials using specific chemistries. With such high particle concentration, several different properties can be imparted simultaneously to the coated fibers, including hydrophobicity and oleophobicity.

*About KensaGroup:* KensaGroup is a private equity company that builds successful companies around invention, innovation and brands. KG generates significant returns for

its shareholders by leveraging C-level operational experience against deep technical knowledge and tight financial management. Since the Company's inception, KensaGroup has evaluated over 3,000 licensable technologies from universities throughout the United States, and has launched several new, high-growth businesses, including NovaSterilis, Rheonix, Novomer, Gene Network Sciences and MedHesives.