It's a battery! It's a power pump! It's Super Capacitor!

By Jack Mason - Small Times Correspondent

Supercapacitors work like short-acting, but high-power, batteries. While the first supercapacitor was sold in 1978, improved performance and lower prices in recent years are expanding the market for them. That has caught the attention of companies working on nanomaterials.

Leo O'Connor, director of research for Technical Insights, reports that researchers at NEC Corp. (Nasdaq: NIPNY, News, Web) in Japan are working on carbon nanohorns for electrodes in supercapacitors and fuel cells. Scientists in Singapore have developed a new carbon structure they called nanowalls that could boost supercapacitors.

For more information: http://www.smalltimes.com/document_display.cfm?document_id=7411