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## Nanostructured Polymer Electrodes

Tech ID: 23698 / UC Case 2010-480-0

### SUMMARY

Professor Kaner and colleagues at UCLA and Caltech have developed novel electrode structures for use in the storage of ions made with novel nanostructured polymer films. This technology takes advantage of a new class of nanofiber conjugate polymer materials to form amphoteric electrodes that demonstrate improved cycling properties and remarkable application flexibility.

### PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	9,196,426	11/24/2015	2010-480

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### INVENTORS

► Kaner, Richard B.

### OTHER INFORMATION

#### KEYWORDS

cleantech

#### CATEGORIZED AS

- **Materials & Chemicals**
  - Composites
  - Electronics Packaging
  - Nanomaterials
  - Other
  - Polymers
- **Nanotechnology**
  - Electronics
  - Materials

#### RELATED CASES

2010-480-0

### ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- [Mechanochemical Synthesis of Mg<sub>2</sub>Si and Related Compounds and Alloys](#)

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