## **PATENTS**

1. Flux Pinning by Precipitates in the Bi-Sr-Ca-Cu-O, Donglu Shi

Patent Number: 5114909

2. High Temperature Crystalline Superconductor from Crystallized Glasses,

Donglu Shi

Patent Number: 5157014

3. Method for Harvesting Rare Earth Barium Copper Oxide Single Crystals, V.

Todt, S. Sengupta, and Donglu Shi

Patent number: 5504060

4. Method for Harvesting Single Crystals from a Peritectic Melt, V. Todt, S.

Sengupta, and <u>Donglu Shi</u> Patent number: 5549748

5. Large Single Domain  $YBa_2Cu_3O_x$  Material Produced by Seeding with Single Crystal Rare Earth Barium Copper Oxide Single Crystals, V. Todt, S. Sengupta, and Donglu Shi

Patent number: 5776864

6. New Technique for Producing YBa<sub>2</sub>Cu<sub>3</sub>O<sub>x</sub> with fine 211 Pinning Sites, V. Todt,

S. Sengupta, and Donglu Shi

Patent number: ANL-IN-93-008, 1993

7. Flux Pinning by Nano-Size Particles in High-T<sub>c</sub> Superconductors, R. W. Siegle,

Donglu Shi, U. Balachandran, and K. C. Goretta

Patent number: ANL-IN-97-001, 1997

8. Achieving High J<sub>C</sub> in Bi-Sr-Ca-Cu-O by textured nanorods, 1996, <u>Donglu Shi</u>

Patent number: 6,569,811