

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
 - a) Nathan Newman
 - b) Lei Yu
2. Name and address of receiving party(ies):
 - a) Name: Arizona Board of Regents
Address: P.O. Box 873511
Tempe, AZ 85287-3511
3. Nature of conveyance

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other _____	<input type="checkbox"/>	License Agreement

Execution Date: February 27, 2003

4. Application Number(s) or Patent Number(s): 10/229,354

The title of the (new) application is:
INTERNALLY SHUNTED JOSEPHSON JUNCTION DEVICE

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (650) 961-8300
Fax: (650) 961-8301
(Customer Number: 022434)


6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☐ Enclosed
☒ Any fees are authorized to be charged to Deposit Account No. 500388
(Order No. UCALP015).

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: July 10, 2003


Henry K. Woodward
Registration No. 22,672

Attorney Docket No.: 18941H-002500US
Client Reference No.: B02-015

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Nathan Newman of 10360 East Paradise Drive, Scottsdale, AZ 85260; Lei Yu of 920 South Terrace Road, #207, Tempe, AZ 85281 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: INTERNALLY SHUNTED JOSEPHSON JUNCTION
DEVICE

Filing Date: August 26, 2002

Application No.: 10/229,354; and

WHEREAS, Arizona Board of Regents of P.O. Box 873511, Tempe, Arizona, 85287-3511, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

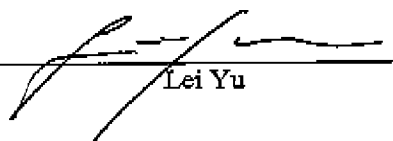
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 2/27/03


Nathan Newman

Dated: 02/27/03


Lei Yu

PA 3274770 v1