

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: TATSUO ITOH; CHRISTOPHE CALOZ; I-HSIANG LIN; HIROSHI OKABE  
Serial No.: 11/092,141  
Filed: MARCH 28, 2005  
For: COMPOSITE RIGHT/LEFT HANDED (CRLH) COUPLERS  
Group:  
Examiner:  
Docket No.: UC03-252-2

**MAIL STOP ASSIGNMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ASSIGNMENT RECORDATION COVER LETTER**  
**PATENT OR PATENT APPLICATION**

**1. NAMES OF PARTY(IES) MAKING TRANSFER**

Name 1: TATSUO ITOH  
Name 2: CHRISTOPHE CALOZ  
Name 3: I-HSIANG LIN  
Name 4: HIROSHI OKABE

**2. IDENTITY OF PARTY(IES) TO WHOM TRANSFER IS MADE**

This transfer is being made to:

Name: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
Address: 1111 FRANKLIN STREET, 12<sup>TH</sup> FLOOR  
OAKLAND, CA 94607-5200

**3. INTENTION OF DOCUMENT**

A brief description of what the accompanying document intends to accomplish is that it is an:

- Assignment
- License
- Security Interest
- Other

CH \$40.00 071137 11092141

**4. IDENTIFICATION OF PATENT OR APPLICATION**

Particulars of the patent or application to which the accompanying document applies are:

Inventor(s): TATSUO ITOH; CHRISTOPHE CALOZ; I-HSIANG LIN; HIROSHI OKABE

For (title): COMPOSITE RIGHT/LEFT HANDED (CRLH) COUPLERS

- (a)  U.S. patent application filed herewith.  
 (b)  U.S. patent application serial no. 11/092,141 filed on MARCH 28, 2005.  
 (c)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_.

**5. NAME AND ADDRESS TO WHICH CORRESPONDENCE SHOULD BE MAILED**

Please address all correspondence and return the recorded document to:

John P. O'Banion  
 O'BANION & RITCHEY LLP  
 400 Capitol Mall, Suite 1550  
 Sacramento, CA 95814

**6. NUMBER OF APPLICATIONS OR PATENTS IDENTIFIED AND TOTAL FEE DUE**

The number of applications or patents identified herein is: 1

Total Fee Due \$ 40.00

**7. DATE DOCUMENT WAS EXECUTED**

The accompanying document was executed on: \_\_\_\_\_.

**8. FEE PAYMENT**

Fee payment is provided for as follows:

- Attached is a check in the sum of  
              Charge Account No. 07-1137 if any additional fee is due.  
 Charge Account No. 07-1137 in the sum of \$40 .

**9. STATEMENT OF AUTHENTICITY**

The undersigned certifies that, to the best of his or her knowledge and belief, the information contained in this cover sheet is true and correct, and any copy of the document submitted for recording is a true copy of the original document.

10. SIGNATURE

Dated: 8/24/05



John P. O'Banion, Reg. No. 33,201  
O'BANION & RITCHEY LLP  
400 Capitol Mall, Suite 1550  
Sacramento, CA 95814  
(916) 498-1010

PATENT

Attorney Docket No. UC03-252-2**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Name: TATSUO ITOH  
Address: 12 EASTFIELD DRIVE  
ROLLING HILLS, CALIFORNIA 90274

Nationality: U.S. CITIZEN

Name: CHRISTOPHE CALOZ  
Address: 4750 MACMAHON  
MONTREAL, QC, H4B 2B4  
CANADA

Nationality: SWISS CITIZEN

Name: HSIANG LIN  
Address: 6343 N. ROSEMEAD BOULEVARD, #70  
SAN GABRIEL, CALIFORNIA 91775

Nationality: TAIWANESE CITIZEN

Name: HIROSHI OKABE  
Address: 3-42-3-201 MUSASHIDAI  
FUCHU-SHI, TOKYO 183-0042, JAPAN

Nationality: JAPANESE CITIZEN

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, A CALIFORNIA CORPORATION, 1111  
FRANKLIN STREET, 12<sup>th</sup> Floor, OAKLAND, CA 94607-5200,

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**COMPOSITE RIGHT/LEFT HANDED (CRLH) COUPLERS**

and which is found in

- (a)  U.S. provisional patent application filed herewith and listing the above named person(s) as inventor(s).
- (b)  U.S. patent application filed herewith listing the above named person(s) as inventor(s).
- (c)  U.S. patent application serial no. 11/092,141, filed on MARCH 28, 2005.
- (d)  U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_.

PATENT Page 1 of 2

REEL: 016667 FRAME: 0935

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known;

ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California;

And ASSIGNOR(S) request(s) and hereby authorize their attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in this Assignment.

Date: May 6, 2005

Inventor:   
TATSUO ITOH

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_  
CHRISTOPHE CALOZ

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_  
I-HSIANG LIN

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_  
HIROSHI OKABE

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Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

TATSUO ITOH

Date: May, 06 2005

Inventor: \_\_\_\_\_

  
CHRISTOPHE CALOZ

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

I-HSIANG LIN

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

HIROSHI OKABE

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Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

TATSUO ITOH

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

CHRISTOPHE CALOZ

Date: 6/23/05

Inventor: \_\_\_\_\_

  
I-HSIANG LIN

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

HIROSHI OKABE

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

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Date: \_\_\_\_\_

Inventor: TATSUO ITOH

Date: \_\_\_\_\_

Inventor: CHRISTOPHE CALOZ

Date: \_\_\_\_\_

Inventor: I-HSIANG LIN

Date: 5/9/05

Inventor: HIROSHI OKABE