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FORM PTO-1595

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SHEET

U.S. Department of Commerce

(Rev. 6-93)



Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

101247930

To the Honorable Commissioner of Patents and Trademarks, please return the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ken NOBE, signed 10/15/98; Morton SCHWARTZ, signed 10/16/98; Linlin CHEN, signed 10/26/98; and No Sang MYUNG, signed 10/16/98

Additional name(s) of conveying part(ies) attached? ___ Yes x No

2. Name and address of receiving party(ies)

Name: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Street Address: 1111 Franklin Street, 12th Floor

City: Oakland State: California ZIP: 94607-5200

U.S.A.

Additional name(s) & address(es) attached? ___ Yes x No

3. Nature of conveyance:

x Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other _____

Execution Date: 10/15/98, 10/16/98, and 10/26/98

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/319,632

B. Patent No.(s)

09/319632

Additional numbers attached? ___ Yes x No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Michael J. Ram, Esq.

Internal Address: _____

KOPPEL & JACOBS

Street Address: 555 St. Charles Drive, Suite 107

12/15/1999 03 FT:581 40.00 DP
12/15/1999 03 FT:581 40.00 DP
USA 09/319632 CA Zip: 91360

6. Total number of applications and patents involved: 1

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

x Enclosed

x Any excess authorized to be charged to deposit account

8. Deposit account number:

11-1580

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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.

Michael J. Ram
Name of Person Signing

Michael J. Ram
Signature

Dec 8, 1999
Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 010489 FRAME: 0183

ASSIGNMENT

U.C. Case No. LA97-090-02

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

- 1. Ken Nobe
- 2. Morton Schwartz
- 3. Linlin Chen
- 4. No Sang Myung

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

Aqueus Electrodeposition of Rare Earth and Transition Metals

and which is found in

- (a) _____ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) _____ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) _____ U.S. application serial no. _____, filed on _____
- (d) X PCT application serial no. PCT/US98/21103, filed on October 7, 1998
- (e) _____ U.S. Patent No.: _____, issued _____

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, conversion to 35 USC 111(a) 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 covenants 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 covenants 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.

AND the ASSIGNOR(S) requests 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.

executed this

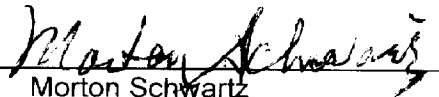
15 day of OCT, 1998

16 day of Oct, 1998

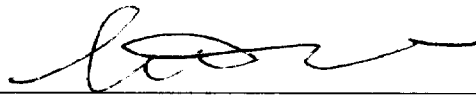
Signature of Inventor(s)



Ken Nobe

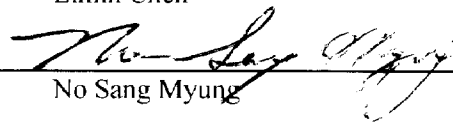

Morton Schwartz

26 day of October, 1998



Linlin Chen

16 day of October, 1998



No Sang Myung