

2-7-05

ASSIGNME

02-22-2005

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112959 U.S. PTO
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020705

Commissioner of Patents:

Please record the attached document.

1. Name of conveying party:
 - a) Andrew R. Neureuther
 - b) Gregory R. McIntyre
 - c)
2. Name and address of receiving party:
 - a) Name: The Regents of the University of California
Address: 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200
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: a) January 27, 2005; b) January 23, 2005

4. Application Number or Patent Number: NEW

The title of the application is:

PHASE SHIFTING TEST MASK PATTERNS FOR CHARACTERIZING ILLUMINATION AND MASK
QUALITY IN IMAGE FORMING OPTICAL SYSTEMS

5. Please send all correspondence concerning this document 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

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Enclosed. |
| <input type="checkbox"/> | Charge to Deposit Account No. 500388 (Order No. _____). |
| <input checked="" type="checkbox"/> | Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. UCALP048). |

Date: February 7, 2005


Henry K. Woodward
Registration No. 22,672

02/14/2005 RMEBRAHT 00000046 11053725

01 FC:8021

40.00 OP

Attorney Docket No. UCALP048

(Revised 9/03)

PATENT
REEL: 016271 FRAME: 0130

ASSIGNMENT

U.C. Case No. : B04-021-2

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

1. Andrew R. NEUREUTHER 2. Gregory R. MCINTYRE

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 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 UCB Case No. B03-100-02 entitled:

PHASE SHIFTING TEST MASK PATTERNS FOR CHARACTERIZING
ILLUMINATION AND MASK QUALITY IN IMAGE FORMING OPTICAL
SYSTEMS

or which is found in

(a)____ U.S. provisional application filed herewith and listing the above named persons as inventors

(b) X U.S. patent application filed herewith and listing the above named persons as inventors

(c)____ U.S. application serial no. filed on

(d)____ 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

Signature of Inventor(s):

27 day of January, 2005


Andrew R. Neureuther

23rd day of January, 2005


Gregory R. McIntyre