| FORM PTO-1595 1-31-92 | | SHEET | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office | | |
|--|----------------------------|--|---|--|--|
| Docket No. 02737.0004.NPUS01 | 102753664 | | 2.3404 | | |
| To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. | | | | | |
| Name of conveying party(ies): Bertram Ludaescher and Amarnath Gup Additional name(s) of conveying party(ies) | ota Name: attached? | ame and address of rec Regents of the Univer | sity of California | | |
| 3. Nature of conveyance: | interna | i Address. Tri i Tariki | H Gaeet, 12a(1 looi | | |
| | e of Name | akland Address: <u>Same as abo</u> v | State: <u>CA</u> Zip: <u>94607-5200</u> | | |
| ☐ Other | | Address. Dame as above | | | |
| Execution Date: 11/24/03 and 11/14/03 | | | Zip: | | |
| 4 Application number(a) or notant number(a) | | onal name(s) & address | (es) attached? Yes No | | |
| 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).: 09/815,447 | B. P | atent No(s).: | | | |
| Ad | ditional numbers attached? | ☐ Yes ⊠ No | | | |
| Name and address of party to whom corre concerning document should be mailed: Name: Robert C. Laurenson | | otal number of applicati | ons and patents involved: 1 \$ 40.00 | | |
| Internal Address: HOWREY SIMON ARNOLD & Box No. 34 1299 Pennsylvania Avenue, N.W. Washington, D.C. 20004-2402 | & WHITE, LLP | ∑ The Commissioner Account No. 08-303 02737.0004.NPUS0 | is authorized to charge our Deposit 8, Referencing Docket No. 1 t Account if any additional fee is | | |
| | | | 14.27 | | |
| O Statement and signature: | DO NOT USE THIS S | PACE | | | |
| 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. Date: May , 2004 Robert C. Laurenson, Reg. No. 34,206 Total number of pages including cover sheet: 3 OMB No. 0651-0011 (exp. 4/94) Do not detach this portion | | | | | |
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| Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks | | | | | |
| /25/2004 LMJELLER 00000228 083038 09815447 Box Assignments | | | | | |
| FC:8021 40.00 BA | Washington, D.C. | 20231 | | | |
| Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503 | | | | | |

PATENT REEL: 015362 FRAME: 0188

ASSIGNMENT

U.C. Case No. SD2001-086-2

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

1. Bertram Ludaescher

2. Amarnath Gupta

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:

PERSISTENT ARCHIVES

| PERSISTENT ARCHIVES | | | | |
|--|--|--|--|--|
| and | which is found in (select appropriate | e item) | | |
| (a) | U.S. provisional application | filed herewith and list | ing the above named persons as inven | tors; |
| (b) | Patent application filed here | with and listing the abo | ove named persons as inventors; | |
| (c) | X U.S. application serial no. | 09/815,447 , filed _ | March 21, 2001 ; | |
| (d) | U.S. Patent No.: | | _, issued | نے |
| Pate exte exte exte ASS ente ASS and to A promequia auth num | nt to be obtained for said invention insion, conversion to 35 USC 111(a ers Patent and all rights under all Interest Patent and Interest Patent Interest P | a by the above applicated by the above applicated or substitute thereof ernational Conventions to assignment, sale, against assignment; SSIGNEE will, upon it and said Letters Patent esame in any interference in the same of the same o | ng the right to claim priority and, in tion or any continuation, division, configuration or any reissue, reexamination or for the Protection of Industrial Properties are ment or encumbrance has been on the request, be provided promptly with and legal equivalents as may be known and legal equivalents as may be known ence, litigation, or proceeding relating essentative any and all papers, instrumplication, said invention and said Letterry out the purposes thereof. An attact to insert into this assignment the filters and Trademarks to issue said Letters and Trademarks and Trademarks to issue said Letters and Trademarks and Tra | extension of said rty; or will be made or all pertinent facts own and accessible ing thereto and will ments or affidavits ers Patent and said torney of record is ing date and serial |
| | | on thereof to the ASSIG | SNEE, The Regents of the University | of California. |
| | uted this Lucy day of Novo, 2003 | | Signature of Inventor(s) Between Colors Bertram Ludaescher | <u> </u> |
| | _ day of, 2003 | | Amarnath Gupta | |

PATENT REEL: 015362 FRAME: 0189

1.30

ASSIGNMENT

U.C. Case No. SD2001-086-2

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

1. Bertram Ludaescher

RECORDED: 05/24/2004

2. Amarnath Gupta

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:

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| and which is found in (select appropriate item) | |
|--|---|
| (a) U.S. provisional application filed herew | vith and listing the above named persons as inventors; |
| (b) Patent application filed herewith and lis | sting the above named persons as inventors; |
| (c) X U.S. application serial no. <u>09/815,4</u> | 47 , filed <u>March 21, 2001</u> ; |
| (d) U.S. Patent No.: | , issued; |
| Patent to be obtained for said invention by the abeextension, conversion to 35 USC 111(a) or substi | try, including the right to claim priority and, in and to, all Letters ove application or any continuation, division, continuation-in-part, itute thereof, and any reissue, reexamination or extension of said Conventions for the Protection of Industrial Property; |
| ASSIGNOR(S) hereby covenants that no assignmentered into which would conflict with this assignment. | ent, sale, agreement or encumbrance has been or will be made or ent; |
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| | ner of Patents and Trademarks to issue said Letters Patent of the the ASSIGNEE, The Regents of the University of California. |
| executed this | Signature of Inventor(s) |
| day of, 2003 | Bertram Ludaescher |
| 14th day of Novem han2003 | Amarnath Gupta |

PATENT REEL: 015362 FRAME: 0190