03-20-2002

OVER SHEET

Docket No.: 2682.2009-003

| The state of the | | |
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| To the Honorable Commissioner of Patents and Traden | harks: Please record the attached original documents or copy thereof. | |
| Name of conveying party(ies) (1)Robert H. Halstead, Jr. (2) David A. Kranz (3) Christopher J. Terman (4) Stephen A. Ward 2 - 28 - 02 | 2. Name and address of receiving party(ies) Name: Curl Corporation Internal Address: | |
| Additional name(s) of conveying party(ies) attached? [] Yes [x] No | TIN TOE | |
| 3. Nature of conveyance: [X] Assignment [] Merger | Street Address: 400 Technology Square, 8th From S | |
| [] Security Agreement [] Change of Name | City: Cambridge State: MA ZIE= 02139 | |
| Execution Date: (1-3) 1/15/02; (4) 2/4/02 | Additional name(s) & address(es) attached? [] Yes [x] No. | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, A. Patent Application No.(s) 09/760,391 | the execution date of the application is: B. Patent No.(s) | |
| 5. Name and address of party to whom correspondence | bers attached? [] Yes [x] No 6. Total number of applications and patents involved: [1] | |
| concerning document should be mailed: Name: James M. Smith, Esq. | 7. Total Fee (37 C.F.R. 3.41) \$ 40.00 | |
| Internal Address: Hamilton, Brook, Smith & Reynolds, P.C. | [X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account | |
| Street Address: 530 Virginia Road, P.O. Box 9133 | 8. Deposit account number: 08-0380 | |
| City: Concord State: MA ZIP: 01742-9133 | (Attach duplicate copy of this page if paying by deposit account) | |
| DO NO | T USE THIS SPACE | |
| | Signature and correct and any attached copy is a true copy of the original attached copy of the original attached copy or | |
| 19/2002 DBYRNE 00000266 09760391 Total purpler of pages including | cover sheet, attachments, and document: [5] | |
| FC:581 | | |

Joint

ASSIGNMENT

WHEREAS, we, Robert H. Halstead, Jr., David A. Kranz, Christopher J. Terman and Stephen A. Ward, have invented a certain improvement in System and Method Supporting Nonlocal Values described in an application for Letters Patent of the United States, the specification of which:

| [] | is being executed on even date herewith and is about to be filed in the United States Patent Office; |
|-----|--|
| [X] | was filed on January 12, 2001 as Application No. 09/760,391; |
| [] | was patented under U.S. Patent No. [] on []. |

WHEREAS, Curl Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 400 Technology Square, Cambridge, Massachusetts 02139 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

PATENT REEL: 012681 FRAME: 0337 AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

| Inventor's Signature: Robert H. Halstead, J. |
|--|
| Robert H. Halstead, Jr. |
| State/Commonwealth |
| of Manyachusetts |
| County of Middle De X |
| Then personally appeared before me the above-named Robert H. Halstead , Jr. and acknowledged that he executed the foregoing instrument as his free act and deed this |
| (SEAL) Notary Public (print name) |
| My Commission expires 7/18/08 |

PATENT REEL: 012681 FRAME: 0338

| Inventor's Signature: |
|--|
| State/Commonwealth David A. Kranz |
| of Marinchusetts |
| County of Middle Sun |
| Then personally appeared before me the above-named David A. Kranz and acknowledged that he executed the foregoing instrument as his free act and deed this |
| Inventor's Signature: Christopher J. Terman State/Commonwealth of MADMONUMENT County of Madded Christopher J. Terman and acknowledged that he executed the foregoing instrument as his free act and deed this day of Manual Ma |

PATENT REEL: 012681 FRAME: 0339

| Inventor's Signature: | |
|---|--|
| Stephen A. Ward | |
| State/Commonwealth / | |
| of Massachusetts | |
| County of Middle DEX | |
| Then personally appeared before me the above-named Stephen A. Ward and acknowledged that he executed the foregoing instrument as his free act and deed this | |

RECORDED: 02/28/2002

PATENT REEL: 012681 FRAME: 0340