| Form PTO-1595 (modified) (Rev 6-93) R OMB No. 0651-0011(exp 4/94) | U.S. DEPARTMENT OF COMMER Patent and Trademark O 102177057 |
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| To the Honorable Commissioner of Patents and | Trademarks: Please record the attached original documents or copy thereof. |
| 1. Name of conveying party(ies): Slavik Lozben and Gary Grossman | 2. Name and address of receiving party(ies): |
| 7 - 2 3 | B - つこ 600 Townsend San Francisco, CA 94103 |
| | |
| Additional name(s) of conveying party(ies) attached? | |
| 3. Nature of conveyance: Assignment Execution Date: | |
| Slavik Lozben July 17, 2002 Gary Grossman July 16, 2002 | |
| | Additonal name(s) and address(es) attached? |
| 4. Application number(s) or patent number(s) | |
| | new application, the execution date of the application is: 7/23/2002 |
| A. Patent Application No.(s) | B. Patent No.(s) |
| 10,20172 | 2-9 Additional numbers attached |
| Name and address of party to whom correspondence on concerning document should be mailed: | |
| Charles E. Gotlieb | 7. Total fee (37 CFR 3.41)\$ 40 |
| Innovation Partners | |
| 540 University Avenue | Authorize to charge deposit account for any deficiencie |
| Suite 300 | Authorized to be charged to deposit account |
| Palo Alto CA 94301 US | 8. Deposit account number: |
| | |
| | 07-1738 |
| | (Attach duplicate copy of this page if paying by deposit account) |
| | |
| 9. Statement and signature. | |
| To the best of my knowledge and belief, the fore the original document. | egoing information is true and correct and any attached copy is a true copy of |
| | 1 1/2 5 Hother There is a second |
| Charles E. Gotlieb | (hauler C. / 7/23/02 |
| Name of Person Signing | Signature Date |

REEL: 013132 FRAME: 0348

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Slavik Lozben and Gary Grossman do hereby sell, assign and transfer unto Macromedia, Inc., a corporation having its principal place of business at 600 Townsend, San Francisco, CA 94103 (the "Assignee"), and its successors and assigns, the entire title, interest and right, including the right o priority, in, to and under an application for Letters Patent of the United States, attorney docket number 1329, entitled, "SYSTEM AND METHOD FOR PROVIDING AN IMAGE AND IMAGE INSTRUCTIONS RESPONSIVE TO A MOUSE CURSOR POSITION" filed by us with the United States Patent and Trademark Office on 7/23/2002, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor or corresponding thereto;

and for the above consideration, upon request of the Assignee, its successors or assigns, we will promptly communicate any facts known to us respecting said application and the invention set forth therein, and will promptly execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its heirs, successors or assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto, and will promptly cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication and re-examination of said Letters Patent, provided the expenses which may be incurred by us in lending such cooperation and assistance be paid by the Assignee, its successors or assigns.

This Assignment may be executed in one or more counterparts, each of which will be deemed an original and all of which taken together shall constitute one assignment.

IN WITNESS WHEREOF, we hereunto set our hand and seal on the date set forth below.

Dated: July 16, 2002 Slavik Lozben _____ Gaf Grossman

Case 1329