

12-03-2001

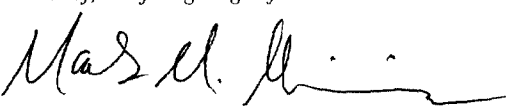
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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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): William Ho Chang and Christina Ying Liu	2. Name and address of receiving party(ies): Name: Flexiworld Technologies, Inc.
Additional name(s) of conveying party(ies) attached <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	Business Address: PO Box 87237 Vancouver, WA 98687
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 (describe): Execution Date: November 18, 2001	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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: November 18, 2001	
A. Patent Application No.(s)	B. Patent No.(s) 09/992183
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Mark M. Meininger IPSOLON LLP 805 SW Broadway #2740 Portland Oregon 97205	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"/> Any deficiencies are authorized to be charged to deposit account.	8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9. Statement and signature. <i>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.</i>  Name: Mark M. Meininger Registration No. 32,428 Date: November 18, 2001	
Total number of pages including cover sheet: 3	

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09/992183
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 PATENT
 REEL: 012325 FRAME: 0303

ASSIGNMENT

WHEREAS, we, William Ho Chang and Christina Ying Liu (hereinafter referred to as ASSIGNORS), each of Vancouver, State of Washington, are the joint inventors of an invention entitled Output Device For Mobile And Pervasive Output, as described and claimed in the specification forming part of an application filed herewith;

WHEREAS Flexiworld Technologies, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a mailing address of PO Box 87237, Vancouver, WA 98687, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all

ASSIGNMENT - PAGE 1 OF 2

instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Executed on the date opposite our respective signatures below.



William Ho Chang

11/18/01

Date



Christina Ying Liu

11/18/01

Date

ASSIGNMENT - PAGE 2 OF 2

RECORDED: 11/18/2001

PATENT
REEL: 012325 FRAME: 0305