

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
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<table border="1"> <tr> <td>Name:</td> <td>Oregon State Board of Higher Education on behalf of Portland State University</td> </tr> <tr> <td>Street Address:</td> <td>1721 SW Broadway</td> </tr> <tr> <td>City:</td> <td>Portland</td> </tr> <tr> <td>State/Country:</td> <td>OREGON</td> </tr> <tr> <td>Postal Code:</td> <td>97207-0751</td> </tr> </table>		Name:	Oregon State Board of Higher Education on behalf of Portland State University	Street Address:	1721 SW Broadway	City:	Portland	State/Country:	OREGON	Postal Code:	97207-0751
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CORRESPONDENCE DATA											
Fax Number:	5037962900										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	503-222-9981										
Email:	ldonnelley@schwabe.com										
Correspondent Name:	Steven J. Prewitt/Laura Donnelley										
Address Line 1:	Schwabe, Williamson & Wyatt										
Address Line 2:	1211 SW 5th Ave., Suite 1900										
Address Line 4:	Portland, OREGON 97204										
ATTORNEY DOCKET NUMBER:	125512-188596										
NAME OF SUBMITTER:	Steven J. Prewitt										
Total Attachments: 3 source=PSU_Executed Assignment#page1.tif source=PSU_Executed Assignment#page2.tif source=PSU_Executed Assignment#page3.tif											

CH \$120.00 61529545

A S S I G N M E N T

WHEREAS, FEI XIE, a citizen of the People's Republic of China, whose address is 13568 NW Trevino Street, Portland, Oregon 97229; KAI CONG, a citizen of the People's Republic of China, whose address is 1630 SW Clay Street, Apt 5E, Portland, Oregon 97201; and LI LEI, a citizen of the People's Republic of China, whose address is 1630 SW Clay Street, Apt 10G, Portland, Oregon 97201 (hereinafter referred to collectively as "Assignor"), have invented certain new and useful inventions regarding SYSTEMS AND METHODS FOR GENERATING AND MANAGING A VIRTUAL DEVICE for which a Non-provisional application was filed on August 31, 2012, and given United States Application No. 13/601,425, and a corresponding PCT Application was filed on October 31, 2012, and given PCT Application No. PCT/IB2012/002183, both of which claim priority to US Provisional Application No. 61/529,545 filed on August 31, 2011; (We hereby authorize Assignee to complete any blank fields in this recital when known) and

WHEREAS, the OREGON STATE BOARD OF HIGHER EDUCATION ON BEHALF OF PORTLAND STATE UNIVERSITY (hereinafter referred to as "Assignee"), having a principle business address of 1721 SW Broadway, Portland Oregon 97207-0751, is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, for good and valuable consideration paid by Assignee, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby grant and assign unto Assignee and Assignee does hereby accept the entire right, title and interest in the above-identified Applications and in all patent applications based thereupon, including, but not limited to, any non-provisionals, divisions, continuations, continuations-in-part of said applications, reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing there from in the United States and foreign countries. Assignee also hereby acquires the right, power and authority to file and prosecute U.S. and foreign patent applications on the invention(s) listed above in its own name, including the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention, wherever such right may be legally exercised, including the right to claim the priority and benefits of the International Convention for such applications or patent. Assignee also hereby acquires the right to bring actions for infringement of any right in said invention(s) above in its own name, including past infringement, in any jurisdiction.

It is hereby authorized and requested that the United States Commissioner for Patents and Trademarks, who is duly authorized to issue any Letters Patent on said invention(s), and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, recognize and record that Assignee is the owner of the entire right, title, and interest to the inventions listed above, for the sole use and benefit of Assignee, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent are, or may be, granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

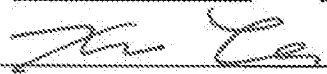
Assignor hereby confirms that at the time the inventions were made, they were under an obligation to assign the inventions to Assignee.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request in order to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications; cooperation to the best of Assignor's ability in executing all other lawful documents pertaining to the inventions listed above; and producing evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuance, extension, and infringement proceedings involving the invention(s) listed above.

Assignor represents that it has not transferred, licensed or otherwise granted any rights of any kind in the inventions, to any other party.

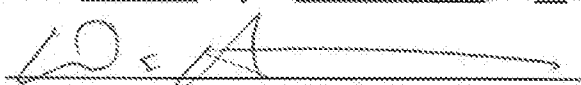
This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 13 day of November, 2012, at Portland, Oregon.



 Fei Xie

Before me Fei Xie, who is personally known to me, signed and acknowledged the foregoing instrument to be his own free act and deed this 13th day of November, 2012



 Signature of Witness

Full Name: W. Darren Harrison

Assignor represents that it has not transferred, licensed or otherwise granted any rights of any kind in the inventions, to any other party.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 13 day of November, 2012, at Portland, Oregon.

[Signature]
Kai Cong

Before me Kai Cong, who is personally known to me, signed and acknowledged the foregoing instrument to be his own free act and deed this 13th day of November, 2012.

[Signature]
Signature of Witness

Full Name: Warren Harrison

Assignor represents that it has not transferred, licensed or otherwise granted any rights of any kind in the inventions, to any other party.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 13 day of November, 2012, at Portland, Oregon.

[Signature]
Li Lei

Before me Li Lei, who is personally known to me, signed and acknowledged the foregoing instrument to be his own free act and deed this 13th day of November, 2012.

[Signature]
Signature of Witness

Full Name: Warren Harrison