

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NTT Software Corporation	12/08/2009
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5737688
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ASSIGNMENT

WHEREAS, NTT SOFTWARE CORPORATION, a corporation organized and existing under and by virtue of the laws of JAPAN, having an office at Taiyo Seimei Shinagawa Bldg. 25-28F, 2-16-2, Konan, Minato-ku, Tokyo, Japan, is the owner of a fifty percent (50%) undivided share of the entire right, title and interest in and to the following listed Letters Patent in the United States by previous assignment(s);

U.S. Patent No. 5,737,688, issued April 7, 1998.

WHEREAS, SHARP KABUSHIKI KAISHA, a corporation organized and existing under and by virtue of the laws of JAPAN, having an office at 22-22 Nagaike-Cho, Abeno-Ku, Osaka, Japan, is desirous of acquiring the entire right, title and interest in and to the invention(s) described and claimed in said Letters Patent;

NOW, THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States and other valuable considerations, to me in hand paid, the receipt of and sufficiency whereof are hereby acknowledged, and said NTT SOFTWARE CORPORATION has sold, assigned and transferred and does hereby sell, assign and transfer unto the said SHARP KABUSHIKI KAISHA, its successors and assigns, its entire undivided right, title and interest in and to the said Letters Patent(s) and the invention(s) therein contained, including the right to sue for past infringement, to be held and enjoyed by the said SHARP KABUSHIKI KAISHA, its successors and assigns the same as it would have been

held and enjoyed by NTT SOFTWARE CORPORATION, if this assignment and sale had not been made.

NTT SOFTWARE CORPORATION, hereby represents and warrants that there are no rights or interests outstanding inconsistent with the rights and interest granted herein and that NTT SOFTWARE CORPORATION will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and NTT SOFTWARE CORPORATION binds itself and its heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to the said SHARP KABUSHIKI KAISHA, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the said SHARP KABUSHIKI KAISHA, its successors and assigns to file applications for improvements and inventions in any country where it may elect to file such applications, and that may be necessary to vest in the said SHARP KABUSHIKI KAISHA, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

AND, NTT SOFTWARE CORPORATION further covenants and agrees, in consideration of the premises, that it, its executors and administrators will, at any time upon request, communicate to the said SHARP KABUSHIKI KAISHA, its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other

proceeding when requested to do so by the said SHARP KABUSHIKI KAISHA, its successors and assigns.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, NTT SOFTWARE CORPORATION, has hereunto set its seal this 8 day of December 2009.

NTT SOFTWARE CORPORATION

By: Seiichi IDO

Seiichi IDO
Title: President & CEO