Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT						
NATURE OF CONVEYANCE:		ASSIGNMENT						
CONVEYING PARTY DATA								
<u>۱</u>			ame	Execution Date				
Fujitsu Limited				07/01/2005				
RECEIVING PARTY DATA								
Name:	Sharp Kabushiki Kaisha							
Street Address:	22-22, Nagaike-cho							
Internal Address:	Abeno-ku, Osaka-shi							
City:	Osaka							
State/Country:	JAPAN							
Postal Code:	545-8522							
PROPERTY NUMBERS Total: 1 Property Type 11064		Number		1064464				
Application Number: 11064461								
CORRESPONDENCE DATA								
Fax Number: (312)360-9315								
Fax Number:(312)360-9315Correspondence will be sent via US Mail when the fax attempt is unsuccessful.								
Phone: 312-360-0080 Email: docket@dbclaw.pet								
Email: docket@gbclaw.net Correspondent Name: Patrick G. Burns								
Address Line 1: 300 South Wacker Drive, Suite 2500								
Address Line 2: Greer, Burns & Crain, Ltd.								
Address Line 4: Chicago, ILLINOIS 60606								
NAME OF SUBMITTER:			Patrick G. Burns					
Total Attachments: 3 source=4-FL to Sharp (one-half interest)#page1.tif source=4-FL to Sharp (one-half interest)#page2.tif source=4-FL to Sharp (one-half interest)#page3.tif								

PATENT ASSIGNMENT

WHEREAS, **FUJITSU LIMITED**, a corporation of Japan, of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan (hereinafter "ASSIGNOR"), is the sole and exclusive owner by assignment of the U.S. Patent Application identified in Exhibit A hereto.

WHEREAS, SHARP KABUSHIKI KAISHA, a corporation of Japan, of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan, (hereinafter "ASSIGNEE"), is desirous of acquiring a one-half interest in, to and under said U.S. Application (Exhibit A) and the title and right thereto, and the inventions covered thereby.

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) to it in hand paid by ASSIGNEE and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, to ASSIGNEE, a one-half interest in the inventions and patent application aforesaid, and any continuations, divisionals and reissues thereof, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or legal representatives, to the end of the term or terms for which the said patents are or may be granted or reissued.

Assignment No. 4

PATENT REEL: 016550 FRAME: 0989 ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said inventions or resulting from said applications and any continuations, divisionals and reissues thereof to ASSIGNOR and ASSIGNEE jointly, and hereby covenants that it has the full right to convey the interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent herewith.

IN WITNESS WHEREOF, FUJITSU LIMITED has caused this Patent Assignment to be executed by its duly authorized officer on this <u>lst</u> day of <u>July</u> 2005.

FUJITSU LIMITED

Date: July 1, 2005

By:

Name: Hiroaki KUROKAWA

Title: <u>President</u>

Assignment No. 4

PATENT REEL: 016550 FRAME: 0990

Exhibit A

	Application Number	Filing Date	Attorney Ref No.	Fujitsu Ref No.
1	11/064461	2005/2/23	2803.72560	02-41508

Assignment 4

PATENT REEL: 016550 FRAME: 0991

RECORDED: 09/19/2005