

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4542915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shijun Sun	02/23/2004
Shawmin Lei	03/03/2004
Hiroyuki Katata	03/01/2004
RECEIVING PARTY DATA	
Name:	SHARP KABUSHIKI KAISHA
Street Address:	22-22 NAGAIKE-CHO, ABENO-KU
Internal Address:	OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	545-0013
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	15432667
Application Number:	15670250
Application Number:	15670282
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NAME OF SUBMITTER:	KRISTINE M. MCGUIRK
SIGNATURE:	/Kristine M. McGuirk/
DATE SIGNED:	08/09/2017

Total Attachments: 2

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ASSIGNMENT

WHEREAS, we, Shijun Sun, whose address is 16900 SE 26th Drive, #47, Vancouver, WA 98683; Shawmin Lei, whose address is 4522 NW Valley Street, Camas, WA 98607; and Hiroyuki Katata, whose address is 20-868, Honda-Cho 2-chome, Midori-ku, Chiba-Shi, Chiba 266-0005 JAPAN, are the inventors of an invention entitled:


**ADAPTIVE FILTERING BASED
UPON BOUNDARY STRENGTH**

for which, on an even date herewith, we executed an application for United States letters patent;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other valuable consideration paid to us by Sharp Kabushiki Kaisha, a Japanese corporation, whose business address is 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-0013, JAPAN, the receipt whereof is acknowledged, we do hereby assign and agree to assign unto the same Sharp Kabushiki Kaisha, the entire interest in said invention for the United States and all foreign countries and any letters patent to be issued therefor in the United States or any foreign country and any divisions, continuations, continuations-in-part, improvements, reissues or extensions that may be made or granted thereon.

AND the Commissioner of Patents and Trademarks is requested to issue such letters patent in accordance herewith. And we agree to execute further instruments proper for effectuating the premises.

Dated: 2/23/2004


Shijun Sun

Dated: 3/3/2004


Shawmin Lei

Dated: _____

Hiroyuki Katata

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ASSIGNMENT

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AND the Commissioner of Patents and Trademarks is requested to issue such letters patent in accordance herewith. And we agree to execute further instruments proper for effectuating the premises.

Dated: _____

Shijun Sun

Dated: _____

Shawmin Lei

Dated: March 1, 2004

Hiroyuki Katata

Hiroyuki Katata

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