

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Qing Guo Wang</td> <td>11/14/1996</td> </tr> <tr> <td>Chang Chieh Hang</td> <td>11/17/1996</td> </tr> </tbody> </table>		Name	Execution Date	Qing Guo Wang	11/14/1996	Chang Chieh Hang	11/17/1996
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Qing Guo Wang	11/14/1996						
Chang Chieh Hang	11/17/1996						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	NATIONAL UNIVERSITY OF SINGAPORE						
<b>Street Address:</b>	10 Kent Ridge Crescent						
<b>City:</b>	Singapore						
<b>State/Country:</b>	SINGAPORE						
<b>Postal Code:</b>	119260						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>09182242</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	09182242		
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Application Number:	09182242						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(503)796-2900						
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<b>ATTORNEY DOCKET NUMBER:</b>	118556-158707						
<b>NAME OF SUBMITTER:</b>	James J. Namiki						
<b>Total Attachments: 1</b> source=117697_assignment#page1.tif							

CH \$40.00 09182242

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Qing Guo WANG (4) \_\_\_\_\_
- (2) Chang Chieh HANG (5) \_\_\_\_\_
- (3) \_\_\_\_\_ (6) \_\_\_\_\_

who have made a certain new and useful invention, hereby sell, assign and transfer unto

National University of Singapore  
10 Kent Ridge Crescent  
Singapore 119260  
Republic of Singapore

its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

FREQUENCY-DOMAIN ADAPTIVE CONTROLLER  
 \_\_\_\_\_

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

<u>INVENTORS</u>	<u>DATE SIGNED</u>
1) <u>Qing Guo WANG</u> Name: Qing Guo WANG	<u>14/11/86</u>
2) <u>Chang Chieh HANG</u> Name: Chang Chieh HANG	<u>16-11-96</u>
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____

**PATENT**