

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WEILIANG HU	05/13/2009
NORIAKI MATSUNO	05/13/2009
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	211-8668
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12470503
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<b>ATTORNEY DOCKET NUMBER:</b>	8045-1141
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<b>Total Attachments: 1</b> source=ASSIGNMENT#page1.tif	

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**PATENT**  
**REEL: 022723 FRAME: 0883**

## ASSIGNMENT

WHEREAS,

**Weiliang HU and Noriaki MATSUNO of Kanagawa, Japan, respectively**

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

FREQUENCY SYNTHESIZER AND METHOD FOR CONTROLLING SAME

- (a) for which an application for a United States patent was filed on  
May 22, 2009, Application No. 12/470,503,
- (b) for which an application for a United States patent was executed on  
May 13, 2009,

WHEREAS, **NEC Electronics Corporation**,


whose address is **1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan**

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date May 13, 2009,

Weiliang Hu (signature) Weiliang HU 

Date May 13, 2009,

Noriaki Matsuno (signature) Noriaki MATSUNO 

Witnesses:

Date May 13, 2009,

Masahiko Fujimura (signature)

Date May 13, 2009,

Shinji Matsuno (signature)