Atty. Dkt. No. 047912-0154

FORM PTO-1595 (modified)	U.S. DEPARTMENT O	FCOMMERCE			
(Rov 6-93) RECORDATION FO	ORM COVER SHEET Patent a	nd Trademark Office			
PATEN	TS ONLY				
To the Director of the United States Patent and Trademark Offic	<u> </u>	s thereof.			
Name of conveying party(ies):	Name and address of receiving party(ies):				
Seido NAGANO					
GEIGG HAGAITO					
	NEC CORPORATION				
	7-1, \$hiba 5-chome				
	Minato-ku, Tokyo, JAPAN				
Additional conveying party(ies) NO					
Nature of conveyance:					
ASSIGNMENT					
Execution Date: June 18, 2004	Additional name(s) & address(es) attached?	NO			
4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached:	140			
If this is being filed together with a new application, the ex	ecution date of the application is:				
A. Patent Application Number(s):	B. Patent Number(s):				
A. Patent Application Number(s).	b. Faterit Number(9).				
10/509,631					
المعارية المراجعة المثالة المراجعة	pers attached? NO				
Name and address of party to whom correspondence					
concerning document should be mailed:	6. Total number of applications/patents involved:	1			
	7. Total fee (37 C.F.R. § 3.41): \$40.6	00			
David A. Blumenthal	Check Enclosed				
FOLEY & LARDNER LLP	Check Elicioses				
Washington Harbour 3000 K Street, N.W., Suite 500	X Charge to deposit account				
Washington, D.C. 20007-5143	8. Deposit account number: 19-0741				
FAX: (202) 672-5399	o. Deposit account number: 15-0741				
DO NOT USE THIS SPACE					
9. Statement and signature:					
To the best of my knowledge and belief, the foregoin	g information is true and correct and any attached co	opy is a true			
copy of the original document. The Commissioner is hereby be required in this matter to the above-identified deposit acco	autnorized to charge any additional recordation fees nunt	wnich may			
Phillip J. Arbiente	1. 1 1 1 1				
Shillip J. Articala Milly David A. Blumenthal Willy	1 (ateirla 22 Octob	er 2004			
for Name of person signing	Signature D	ate			
/v / Ivaine of person signing	Signature D	400			
Total number of pa	iges including cover sheet, attachments, and docum	ent: 4			

002.1283411.1 PATENT

700125194 REEL

12002 NE293-PCTとUS) フロコー142252 高を育わり13PO

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

NEC Corporation

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

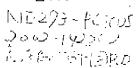
its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

REFERENCE VIBRATION GENERATOR, SYSTEM AND METHOD OF MUTUAL SYNCHRONIZATION

as set forth in this United States Patent Application

[X]	executed concurrently here	with
[]	executed on	
[x	1	Serial No. <u>10/509,631</u>	filed <u>September 29, 2004</u>

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said



applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

The undersigned hereby grant the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS					
Name: Seido NAGANO	Signature Leading Region	Date: June 18 ,2004			
Name:	Signature:	Date:			

Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
NAMES AND SIGNATURES OF WITNESSES				
Name:	Signature: Janato Kinner.	Date: June 18,2004		
Name:	Signature:	Date: June 18,2004		

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

RECORDED: 10/22/2004