Docket No.: NEC 261529 U.S. DEPARTMENT OF COMMERCE ET FORM PTO-1595 (Modified) 09-07-2001 (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar POBA/REV02 Tab settings → → 101835838 .e attached original documents or copy thereof. To the Honorable Commissioner of Pa Name and address of receiving party(ies): 1. Name of conveying party(ies): Satoshi ARAI Name NEC Corporation Yoshihiko SAIKI Koichiro MASUDA Address: 7-1, Shiba 5-chome ☐ Yes 🗹 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Merger ☒ Assignment City: Minato-ku State/Prov.: Tokyo Change of Name ☐ Security Agreement Country: JAPAN ZIP: ☐ Other Execution Date: August 22, 2001 ☐ Yes Additional name(s) & address(es) ☑ No 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: August 22, 2001 Patent Application No. Filing date B. Patent No.(s) 200 | 4380**0 0** | 0 | 0**0**04**8 | 09 | 4**2210 | 4 00 T ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 24,315 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Hayes, Soloway, Hennessey, Grossman & Hage PC Authorized to be charged to deposit account 175 Canal Street 8. Deposit account number: City: Manchester State/Prov.: NH 08-1391 Country: USA ZIP: 03101 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. August 28, 2001 Norman P. Soloway Date Name of Person Signing Signature Total number of pages including cover sheet, attachments, and

REEL: 012129 FRAME: 0954

ASSIGNMENT

FOREIGN - IN THE UNITED STATES OF AMERICA

I/we, SATOSHI ARAI, YOSHIHIKO SAIKI and KOICHIRO MASUDA
of Tokyo, Japan
having invented certain inventions and improvements in DISTRIBUTED CONSTANT TYPE NOISE FILTER
and having executed an application for Letters Patent of the United States of America describing the same and based thereon on
August 22 , 2001 , for good and valuable consideration, the receipt of which is hereby acknowledged, from NEC Corporation.
a <u>Japanese</u> corporation having its principal place of business at
7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan (hereinafter
called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns our entire rights, title, and
interest, in and to said invention in the United States of America,
including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or
applications, and any patent which may be issued on the said invention in the United States of America.

And for the same consideration, I/we do hereby agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application.

And I/we do hereby authorize the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee.

PATENT REEL: 012129 FRAME: 0955 And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our rights, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we have hereunto set our hands and seals on the day and year hereinafter noted.

Sole or Fi		(, , , ,	C · (-			
Inventor's	s signature	Satoshe (lrac G	并 Date _	8/22/2001	
Full name	(typed or prin	ted) SATOSE	II ARAI			
_	Atlashi (Witness:	8/22/2001	Just z	
	ventor's (typed or prin			Date	8/22/2001	
Witness: _	Hitashi	Ukai	Witness:		muda	
	8/22/2001		Date;	8/22/2001		
Third Inve		1. 1	(Fig.)			
signature	Koichiro	Masuda		Date	8/22/2001	
Full name (typed or printed) KOICHIRO MASUDA						
	Ditoshi	Ulka:			musta	
Date:	8/22/2001		Date:	8/22/2001		

RECORDED: 08/28/2001