

10-10-2001

Substitute Form PTO-1595
Attorney Docket No.: 09952-061001
Client's Ref. No.: 58040-US-KK/yo

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Makoto Tanaka and Kazuoki Matsugatani Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Denso Corporation 1-1 Showa-cho, Kariya-city Aichi-pref., 448-8661 JAPAN
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: September 4, 2001	Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: September 4, 2001 A. Patent Application No(s): B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: SCOTT C. HARRIS Fish & Richardson P.C. 4350 La Jolla Village Drive, Suite 500 San Diego, California 92122	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> Scott C. Harris Reg. No. 32,030 Name of Person Signing Signature Date 9/26/01	
Total number of pages including coversheet, attachments and document: 2	

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

September 26, 2001
Date of Deposit

Michael Hubbard
Signature

Michael Hubbard
Typed Name of Person Signing Certificate

PATENT
REEL: 012222 FRAME: 0701

ASSIGNMENT

For valuable consideration, we

Makoto TANAKA of DENSO CORPORATION

Kazuoki MATSUGATANI of DENSO CORPORATION

of _____

of _____

hereby assign to DENSO CORPORATION,

a corporation (company type), organized under the laws of Japan,

having a place of business at 1-1 Show-cho, Kariya-city, Aichi-pref., 448-8661 Japan and its successors

and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled ADAPTIVE RECEIVER HAVING ADAPTIVE ARRAY UNIT AND EQUALIZER UNIT

filed _____,

assigned U.S. Serial Number _____,

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: September 4, 2001

Makoto Tanaka

Makoto TANAKA

DATE: September 4, 2001

Kazuoki Matsugatani

Kazuoki MATSUGATANI

DATE: _____

DATE: _____