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Substitute Form PTO-1595
Attorney Docket No.: 09952-067001
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PATENTS ONLY

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J1050 U.S. PTO
10/057654
01/23/02

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Koji Kato and Takayuki Aono 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 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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: January 14, 2002	6/1/23/02
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: January 14, 2002 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 PTO Customer No. 20985 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 1/83/02	
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 for Patents, Washington, DC 20231.

January 23, 2002
Date of Deposit

Signature

Gabe Lewis
Typed Name of Person Signing Certificate

PATENT
REEL: 012547 FRAME: 0358

ASSIGNMENT

For valuable consideration, we

Koji KATO of DENSO CORPORATION, and

Takayuki AONO 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 **APPROXIMATE CALCULATOR FOR NON-LINEAR FUNCTION AND MAP**

DECODER USING SAME

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: January 14, 2002

Koji Kato
Koji KATO

DATE: January 14, 2002

Takayuki Aono
Takayuki AONO

DATE: _____

DATE: _____