

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Daisuke Higashihara	01/10/2007
RECEIVING PARTY DATA	
Name:	TOA Corporation
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Internal Address:	Chuo-ku
City:	Kobe-shi, Hyogo
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11568300
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NAME OF SUBMITTER:	David C. Read
Total Attachments: 2 source=42464#page1.tif source=42464#page2.tif	

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ASSIGNMENT

Serial No: 11/568,300

Filed: October 25, 2006

Title: Resonance Frequency Determining Method, Resonance Frequency Selecting Method, and Resonance Frequency Determining Apparatus

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to TOA CORPORATION, 2-1, Minatojimanakamachi 7-chome, Chuo-ku, Kobe-shi, Hyogo 650-0046, JAPAN (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned warrants himself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agrees upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 10 day of January, 2007.

1) D. HIGASHIHARA
Name: Daisuke Higashihara

Witnesses:
Izumi Taniguchi
Izumi Taniguchi
Shinji Sakai
Shinji Sakai