

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xiaodong CUI</td> <td>12/27/2008</td> </tr> <tr> <td>Kaisheng YAO</td> <td>12/28/2008</td> </tr> </tbody> </table>		Name	Execution Date	Xiaodong CUI	12/27/2008	Kaisheng YAO	12/28/2008
Name	Execution Date						
Xiaodong CUI	12/27/2008						
Kaisheng YAO	12/28/2008						
RECEIVING PARTY DATA							
Name:	Texas Instruments Incorporated						
Street Address:	P.O. Box 655474						
Internal Address:	MS 3999						
City:	Dallas						
State/Country:	TEXAS						
Postal Code:	75265						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12347504</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12347504		
Property Type	Number						
Application Number:	12347504						
CORRESPONDENCE DATA							
Fax Number:	(713)937-1587						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	713-937-8823						
Email:	ellen@lawspatents.com						
Correspondent Name:	Texas Instruments Incorporated						
Address Line 1:	P.O. Box 655474						
Address Line 2:	MS 3999						
Address Line 4:	Dallas, TEXAS 75265						
ATTORNEY DOCKET NUMBER:	TI-62478						
NAME OF SUBMITTER:	ELLEN BAKER LAWS						

Total Attachments: 2
 source=TI-62478-ASG-COMBINED-executed#page1.tif

500744263

**PATENT
 REEL: 022048 FRAME: 0074**

OP \$40.00 12347504

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

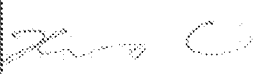
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year:

TITLE OF INVENTION	Weighted Sequential Variance Adaptation With Prior Knowledge For Noise Robust Speech Recognition		
SIGNATURE OF INVENTOR AND NAME	 (1) Xiaodong Cui	(2) Kaisheng Yao	(3)
DATE	12/27/2008		
RESIDENCE (City, State)	25 County Center Road, Apt. C16 White Plains, NY 10607 US	1709 134th Ave., S.E., Unit #1 Bellevue, WA 98005 US	
DATE Declaration signed	12/27/2008		

After recordation, please return Assignment to:

Mirna Abyad
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

ATTORNEY DOCKET NO.
TI-62478

PAGE 1 OF 1

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WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

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SIGNATURE OF INVENTOR AND NAME	(1) <i>Xiaodong Cui</i>	(2) <i>Kaisheng Yao</i>	(3)
DATE		Dec 28 / 2008	
RESIDENCE (City, State)	25 County Center Road, Apt. C16 White Plains, NY 10607 US	1709 134th Ave., S.E., Unit #1 Bellevue, WA 98005 US	
DATE Declaration signed		Dec / 28 / 2008	

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Mima Abyad
Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265

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