

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
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Sheng LIU		06/02/2008
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11917320	
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ATTORNEY DOCKET NUMBER:	101271.57179US (P007)	
NAME OF SUBMITTER:	Jonathan M. Lindsay	
Total Attachments: 2		
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OP \$40.00 11917320

**500659400**

**PATENT  
REEL: 021593 FRAME: 0633**

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**The Regents of the University of California**  
1111 Franklin Street, 12<sup>th</sup> Floor  
Oakland, California 94607-5200  
U.S.A.

(hereinafter ASSIGNEE) all right, title and interest in and to his invention relating to:

**METHODS, DEVICES AND SYSTEMS USING SIGNAL PROCESSING  
ALGORITHMS TO IMPROVE SPEECH INTELLIGIBILITY AND LISTENING  
COMFORT**

in any form or embodiment thereof, in the United States and all other countries, including applications for patents in all countries throughout the world and through the Patent Cooperation Treaty and/or European Patent Convention, as set forth in his United States Patent Application (check one):

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<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>

executed concurrently herewith,

executed on \_\_\_\_\_,

Serial No. 60/688,918, filed June 8, 2005,

PCT International Application, No.: PCT/US2006/022608, filed June 8, 2006,

Serial No. 11/917,320, filed December 12, 2007.

including any and all applications claiming priority to said applications, divisions or continuations thereof and in and to any and all Letters Patent of the United States and all other countries which may issue on any such application or for said invention, including any and all reissues or extensions thereof, and all rights under the International Convention for the Protection of Industrial Property, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the issuing authority to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in

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Attorney Docket No.: 101271.57179US (P007)

obtaining, reissuing or enforcing Letters Patent of the United States or other countries for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING L.L.P., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Fan-Gang ZHENG

(Signature of witness (optional))

(Signature of 1<sup>st</sup> inventor)

(Date)

Sheng LIU

(Signature of witness (optional))

(Signature of 2<sup>nd</sup> inventor)

(Date)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.