Form DTC	1505)9-28-	-200) 1 1111 1111			
1/31/92	Form PTO-1595, 1/31/92				T U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
	1 1851-1						
To the Honorable Commissioner of Paterns and Trademarks: Please record the attached original documents or copy thereof.							
 Name of conveying party(ies): 			2. Name and Address of receiving party(ies):				
1. Inventor's Names: Lawrence C. Ng John F. Holzrichter		11	The Regents of the University of California 1111 Franklin Street Oakland, CA 94612-3550				
Attorney Docket No.: IL-10789							
3. Nature of conveyance:							
	Assignment	Execu	ution	Date:	7/12/2001		
4. Application number(s) or patent number(s):							
If this document is being filed together with a new application, the execution date of the application is:							
A. Patent Application No.(s) 09/879,469 filed 6/12/2001			B. Patent No.(s)				
Name and address of party to whom correspor concerning document should be mailed:			6. Total Number of applications and patents involved: ONE				
Name:	Eddie E. Scott		7. T	otal fee	e \$ 40.00		
Address:	Lawrence Livermore Nat. Lab	oratory		Enclos	sed		
	Intellectual Property Law, L-7	erty Law, L-703		Authorized charge deposit account			
	7000 East Avenue		8.	Depos	sit Account number:		
	Livermore, CA 94550			12-0695			
DO NOT USE THIS SPACE							
9. State	ement and Signature						
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.							

09/27/2001 LMUELLER 00000115 120695 09879469

Kathy E. Raymond Name of Person Signing

01 FC:581

40.00 CH

PATENT REEL: 012193 FRAME: 0177

Total number of pages comprising cover sheet

	tion unless it displays a valid OMB control number						
ASSIGNMENT OF APPLICATION	Docket Number 20628-707						
Whereas, the undersigned:							
1. GABLE, Todd J.2. NG, Lawrence C.3. HOLZRICHTER, John2204 La Salle Drive80 Country Hills Court200 Hillcrest RoadWalnut Creek, CA. 94598Danville, CA. 94506Berkeley, CA. 94705	F. 4. BURNETT, Greg C. 637 South H Street Livermore, CA. 94550						
hereinafter termed "Inventors", have invented certain new and useful improvements in							
METHOD AND APPARATUS FOR SPEECH CHARACTERIZATION							
for which an application for United States Patent was filed on $\frac{6/12/01}{4/12}$, Application No. $\frac{09}{879}$, 469 for which an application for a United States Patent is filed herewith, and							
WHEREAS, The Regents of the University of California, a California Corporation, having its Statewide Administrative Offices located at 1111 Franklin Street, Oakland, California 94607-5200, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.							
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:							
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.							
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.							
3. The terms and covenants of this assignment shall inure to the benefit of said Assignment shall inure to the benefit of said Assignment shall be binding upon said Inventors, their respective heirs, legal representatives a							
 Said Inventors hereby jointly and severally warrant and represent that they have assignment, contract, or understanding in conflict herewith. 							
IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to sa	aid Assignee as of the dates written below:						

Todd J. Gable

John F. Holzrichter

Greg C. Burnett

Date: .

Date:

Patent and Trademar Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of informat	k Office: U.S. DEPARTMENT OF COMMERCE ion unless it displays a valid OMB control number						
ASSIGNMENT OF APPLICATION	Docket Number 20628-707						
Whereas, the undersigned:							
1. GABLE, Todd J. 2. NG, Lawrence C. 3. HOLZRICHTER, John 2 2204 La Salle Drive 80 Country Hills Court 200 Hillcrest Road Berkeley, CA. 94705	F. 4. BURNETT, Greg C. 637 South H Street Livermore, CA. 94550						
hereinafter termed "Inventors", have invented certain new and useful improvements in							
METHOD AND APPARATUS FOR SPEECH CHARACTERIZATION							
for which an application for United States Patent was filed or $\frac{12}{49}$ for which an application for a United States Patent is filed herewith, and							
WHEREAS, The Regents of the University of California, a California Corporation, having its Statewide Administrative Offices located at 1111 Franklin Street, Oakland, California 94607-5200, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.							
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:							
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.							
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.							
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.							
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.							
IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:							
Date: Todd J. Gable							
Date: Lawrence C. Ng Date: John F. Holzrichter	Self 7/12/01						

Greg C. Burnett

C:\NrPortbl\PALIB1\CB9\1337139_1.DOC

Date:

RECORDED: 09/24/2001