OIPS 10-0	4-2000			
	Attorney Docket Number 9840-039-999			
AUG 0 8 2000 TO THE HONORA 101	478616 and trademarks			
Box Ass Washington				
Washington, DC 20231  Please record the attached original documents or copy thereof.				
Name of conveying party(ies):	Name and address of receiving party(ies):			
ADRIAN FREED TODD HODES	Name: The Regents of the University of California			
1000000	Address: 1111 Franklin Street, Fifth Floor			
Additional name(s) of conveying party(ies) attached? ☐ Yes 🛭 No	Oakland, CA 94607-5200			
3. Nature of conveyance:	Country (if other than USA):			
■ Assignment				
☐ Security Agreement ☐ Change of Name				
□ Other	L			
Execution Date: 6-15-00 and 6-16-00, respectively				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execution	n date of the application is:			
A. Patent Application No.(s) 09/521,641	B. Patent No.(s)			
	attached? Yes No			
Name and address of party to whom correspondence concerning document should be mailed:	Number of applications     and patents involved:      1			
William S. Galliani PENNIE & EDMONDS LLP 3300 Hillview Avenue Palo Alto, CA 94304	7. Total fee (37 CFR 3.41):\$ 80.00  Please charge to the deposit account listed in Section 8.			
	8. Deposit account number: 16-1150			
DO NOT USE THIS SPACE				
9. Statement 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.  Gary S. Williams, Reg. 31,066 for William S. Galliani  Signature  August 8, 2000  Date				
Name of Person Signing Reg. No.				
Total number of pages including cover sheet: 5				

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignment Washington, D.C. 20231

10/03/2000 GTOW11 00000182 161150

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CA1 - 252591.1

## **ASSIGNMENT**

UC Case No. <u>B96-033-1</u>

and which is found in

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. <u>Adrian Freed</u> 2. <u>Todd Hodes</u>

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

## Apparatus and Method of Additive Synthesis of Digital Audio Signals Using a Recursive Digital Oscillator

(a)		U.S. provisional application filed herewith and listing the above named persons as inventors		
(b)		U.S. patent application filed herewith and listing the above named persons as inventors		
(c)	XX	U.S. application serial no. <u>09/521,641</u> , filed on <u>March 8, 2000</u>		
(d)		U.S. Patent No.:, issued		

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

<u>ASSIGNOR(S)</u> hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested

9840-0039-999 B96-033-1 1 CA1 - 248550.1

PATENT REEL: 011120 FRAME: 0990 by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this	Signature of Inventors	
<u>S</u> day of <u>TULE</u> , 2000	Adrian Freed	
, day of, 2000	Todd Hodes	

## **ASSIGNMENT**

UC Case No. <u>B96-033-1</u>

and which is found in

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Adrian Freed 2. Todd Hodes

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## Apparatus and Method of Additive Synthesis of Digital Audio Signals Using a Recursive Digital Oscillator

(a)		U.S. provisional application filed herewith and listing the above named persons as inventors
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and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested

9840-0039-999 B96-033-1 1 CA1 - 248550.1

PATENT REEL: 011120 FRAME: 0992 by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this		Signature of Inventors
day of, 2	2000	
		Adrian Freed
16th day of June, 2	2000	Todd Hodes

PATENT REEL: 011120 FRAME: 0993

**RECORDED: 08/08/2000**