503637274 01/06/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3683906

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINJE KIM	11/19/2015
GAUTHAM MYSORE	11/19/2015
PETER MERRILL	11/18/2015
PARIS SMARAGDIS	11/21/2015

RECEIVING PARTY DATA

Name:	ADOBE SYSTEMS INCORPORATED
Street Address:	345 PARK AVENUE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95110-2704

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14948595

CORRESPONDENCE DATA

Fax Number: (816)421-5547

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 8164746550

Email: dstrecker@shb.com

Correspondent Name: SHOOK, HARDY AND BACON, LLP

Address Line 1: 2555 GRAND BLVD

Address Line 4: KANSAS CITY, MISSOURI 64108

ATTORNEY DOCKET NUMBER:	P5683/ADBS.241184
NAME OF SUBMITTER:	ELENA K MCFARLAND
SIGNATURE:	/ELENA K. MCFARLAND/
DATE SIGNED:	01/06/2016

Total Attachments: 5

source=ADBS 241184 Executed Assignments#page1.tif source=ADBS 241184 Executed Assignments#page2.tif source=ADBS_241184_Executed_Assignments#page3.tif

PATENT REEL: 037422 FRAME: 0600 503637274

source=ADBS_241184_Executed_Assignments#page4.tif source=ADBS_241184_Executed_Assignments#page5.tif

PATENT REEL: 037422 FRAME: 0601

ASSIGNMENT

WHEREAS, we, Minje Kim, Gautham Mysore, Peter Merrill and Paris Smaragdis ("ASSIGNORS"), are the original and joint inventors of subject matter disclosed and/or claimed in a nonprovisional patent application, the title of which is:

IRREGULARITY DETECTION IN MUSIC

for which we are about to make, or have made, application for Letters Patent of the United States. ASSIGNORS hereby authorize legal representatives of Shook, Hardy & Bacon L.L.P. to insert here in parentheses the Application No. $\frac{14/948,595}{2015-11-23}$, when known; and

WHEREAS, ADOBE SYSTEMS INCORPORATED, a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 345 Park Avenue, San Jose, California 95110-2704, USA, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ADOBE SYSTEMS INCORPORATED, the full and exclusive right, title and interest, throughout the world, in, to and under said invention as fully set forth and described in the above-identified application; in, to and under said application; in, to and under any and all refilings, divisions and continuations of said application; in, to and under any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the

Page 1 of 2

United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ADOBE SYSTEMS INCORPORATED, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this	day of	_, 2015.
	Minje Kim Minje Kim	
EXECUTED this	day of	_, 2015.
	/Gautham Mysore	
EXECUTED this	day of	
	/Peter Merrill	
EXECUTED this	day of	, 2015.
	/ Paris Smaragdis	

Page 2 of 2

United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ADOBE SYSTEMS INCORPORATED, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this	day of	, 2015.	
	/ Minje Kim		/
Ne	ov 19, 2015		
EXECUTED this	day of	, 2015.	
EXECUTED this	/ <i>Gautha</i> / Gautham N	m Mysore Mysore	/
EXECUTED this	day of	, 2015.	
	/ Peter Merr	ill	
EXECUTED this	day of	, 2015.	
	/		
	Paris Smar	agdis	

Page 2 of 2

United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ADOBE SYSTEMS INCORPORATED, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this	_ day of	_, 2015.	
	/ Minje Kim		/
EXECUTED this	day of / Gautham Mysore		/
	18, 2015 _ day of		/
EXECUTED this	day of/ Paris Smaragdis	_, 2015.	/

Page 2 of 2

United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ADOBE SYSTEMS INCORPORATED, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this	day of	, 2015.	
	/ Minje Kim		/
EXECUTED this	day of	, 2015.	
	/Gautham M	ysore	
EXECUTED this	-		
	/Peter Merrill	<u> </u>	
Nov	21, 2015		
EXECUTED this	day of	, 2015.	
	Paris Sma	Ragdis	
	Paris Smarag	gdis	

Page 2 of 2

7274808 v1