504937374 05/30/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
APARNA R. GURIJALA	03/06/2018
SHANKAR THAGADUR SHIVAPPA	05/29/2018
RAVI K. SHARMA	03/12/2018
BRETT A. BRADLEY	04/27/2018

RECEIVING PARTY DATA

Name:	DIGIMARC CORPORATION
Street Address:	9405 SW GEMINI DRIVE
City:	BEAVERTON
State/Country:	OREGON
Postal Code:	97008

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15213335

CORRESPONDENCE DATA

Fax Number: (503)469-4771

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: 503-469-4800

Email: lisa.parkinson@digimarc.com **Correspondent Name:** DIGIMARC CORPORATION Address Line 1: 9405 SW GEMINI DRIVE

Address Line 4: BEAVERTON, OREGON 97008

ATTORNEY DOCKET NUMBER:	P2386-R
NAME OF SUBMITTER:	LISA PARKINSON
SIGNATURE:	/Lisa Parkinson/
DATE SIGNED:	05/30/2018

Total Attachments: 8

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> **PATENT** REEL: 045940 FRAME: 0502 504937374

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> PATENT REEL: 045940 FRAME: 0503

WHEREAS, we, APARNA R. GURIJALA, of Port Coquilam, Canada, SHANKAR THAGADUR SHIVAPPA, of San Diego, California, RAVI K. SHARMA, of Portland State of Oregon and BRETT A. BRADLEY, of Portland, State of Oregon, have invented a certain invention, entitled HUMAN AUDITORY SYSTEM MODELING WITH MASKING ENERGY ADAPTATION, for which we have made application for Letters Patent of the United States, said application having been filed by us on July 18, 2016, and assigned application no. 15/213,335; and

WHEREAS, DIGIMARC CORPORATION, a corporation organized under the laws of the State of Oregon, having a place of business at 9405 SW Gemini Drive, Beaverton, OR 97008, desires to acquire an interest therein:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, APARNA R. GURIJALA, SHANKAR THAGADUR SHIVAPPA, RAVI K. SHARMA and BRETT A. BRADLEY, hereby sell, assign and transfer to DIGIMARC CORPORATION, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, continuations-in-part, reissues and extensions thereof, to be held and enjoyed by DIGIMARC CORPORATION, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to DIGIMARC CORPORATION, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid DIGIMARC CORPORATION, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

Executed at the place and date opposite our respective signatures below.

_/Aparna R. Gurijala	a/	
Aparna R. Gurijala		
At Port Coquila	am, Canada	
	(City and State)	
on this <u>06</u>	_ day of <u>March</u> , 2018.	
Shankar Thagadur	[.] Shivappa	
At San Diego,	California	
	(City and State)	
on this	day of , 2018.	

Ravi K.Sharma			
At Beaverton,	, Oregon		
	(City and	d State)	
on this	day of	, 2018.	
Brett A. Bradley			•
At Beaverton,	, Oregon		
	(City and	d State)	
on this	day of	. 2018.	

WHEREAS, we, APARNA R. GURIJALA, of Port Coquilam, Canada, SHANKAR THAGADUR SHIVAPPA, of San Diego, California, RAVI K. SHARMA, of Portland State of Oregon and BRETT A. BRADLEY, of Portland, State of Oregon, have invented a certain invention, entitled HUMAN AUDITORY SYSTEM MODELING WITH MASKING ENERGY ADAPTATION, for which we have made application for Letters Patent of the United States, said application having been filed by us on July 18, 2016, and assigned application no. 15/213,335; and

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Aparna R. Gurijala	l	_
At Port Coquila	am, Canada	
	(City and State)	
on this	_ day of, 2018.	
/Shankar Thagadu	ır Shivappa/	_
Shankar Thagadur	r Shivappa	
At San Diego,	California	
	(City and State)	
on this 29 da	av of May 2018	

Ravi K.Sharma		
At Beaverto	on, Oregon	
	(City and State)	
on this	day of, 2018.	
Brett A. Bradley	1	
At Beaverto	on, Oregon	
	(City and State)	
on this	day of , 2018.	

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Aparna R. Gurijala	 a		_
At Port Coqui	lam, Canada		
	(City and Sta	ate)	
on this	day of	, 2018.	
			_
Shankar Thagadu	r Shivappa		
At San Diego	, California		
<u></u>	(City and Sta	ate)	
on this	day of	, 2018.	

/Ravi K. Sharma/	
Ravi K. Sharma	
At Beaverton, Oregon	
(City and State)	
on this <u>12th</u> day of <u>March</u> , 2018.	
Brett A. Bradley	
At Beaverton, Oregon	
(City and State)	
on this day of , 2018.	

WHEREAS, we, APARNA R. GURIJALA, of Port Coquilam, Canada, SHANKAR THAGADUR SHIVAPPA, of San Diego, California, RAVI K. SHARMA, of Portland State of Oregon and BRETT A. BRADLEY, of Portland, State of Oregon, have invented a certain invention, entitled HUMAN AUDITORY SYSTEM MODELING WITH MASKING ENERGY ADAPTATION, for which we have made application for Letters Patent of the United States, said application having been filed by us on July 18, 2016, and assigned application no. 15/213,335; and

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Aparna R. Gurijala	l		
At Port Coquil	am, Canada		
	(City and Sta	ate)	
on this	_ day of	, 2018.	
Shankar Thagadui			
At San Diego,	California		
	(City and Sta	ate)	
on this	_ day of	, 2018.	

Ravi K. Sharma				
At Beaverton,	Oregon			
	(City and St	ate)		
on this	_ day of	, 201	8.	
/Brett A. Bradley/				
Brett A. Bradley				
At Beaverton,	Oregon			
(City and State)				
on this 27th	day of	April	, 2018.	

ASPANTENT Page 2 of 2

REEL: 045940 FRAME: 0511 **RECORDED: 05/30/2018**