505808013 12/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5854842

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TONY F. RODRIGUEZ	11/19/2019
BRUCE L. DAVIS	09/18/2019
GEOFFRY B. RHOADS	09/19/2019
JOHN D. LORD	09/18/2019
ALASTAIR M. REED	11/19/2019
ERIC D. EVANS	09/18/2019
REBECCA L. GERLACH	09/19/2019
YANG BAI	09/18/2019
JOHN F. STACH	09/18/2019
TOMAS FILLER	09/25/2019
MARC G. FOOTEN	09/18/2019
WILLIAM Y. CONWELL	11/15/2019

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:	15462597

CORRESPONDENCE DATA

(503)469-4771 Fax Number:

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

REEL: 051893 FRAME: 0507 505808013

PATENT -

ATTORNEY DOCKET NUMBER:	P2460-R
NAME OF SUBMITTER:	LISA PARKINSON
SIGNATURE:	/Lisa Parkinson/
DATE SIGNED:	12/06/2019

Total Attachments: 36 source=P2460 assign all signed#page1.tif source=P2460 assign all signed#page2.tif source=P2460 assign all signed#page3.tif source=P2460_assign_all_signed#page4.tif source=P2460_assign_all_signed#page5.tif source=P2460 assign all signed#page6.tif source=P2460 assign all signed#page7.tif source=P2460_assign_all_signed#page8.tif source=P2460 assign all signed#page9.tif source=P2460 assign all signed#page10.tif source=P2460 assign all signed#page11.tif source=P2460_assign_all_signed#page12.tif source=P2460 assign all signed#page13.tif source=P2460 assign all signed#page14.tif source=P2460 assign all signed#page15.tif source=P2460_assign_all_signed#page16.tif source=P2460_assign_all_signed#page17.tif source=P2460 assign all signed#page18.tif source=P2460 assign all signed#page19.tif source=P2460 assign all signed#page20.tif source=P2460_assign_all_signed#page21.tif source=P2460 assign all signed#page22.tif source=P2460_assign_all_signed#page23.tif source=P2460 assign all signed#page24.tif source=P2460_assign_all_signed#page25.tif source=P2460_assign_all_signed#page26.tif source=P2460 assign all signed#page27.tif source=P2460 assign all signed#page28.tif source=P2460_assign_all_signed#page29.tif source=P2460 assign all signed#page30.tif source=P2460 assign all signed#page31.tif source=P2460 assign all signed#page32.tif source=P2460_assign_all_signed#page33.tif source=P2460 assign all signed#page34.tif source=P2460 assign all signed#page35.tif source=P2460 assign all signed#page36.tif

> PATENT REEL: 051893 FRAME: 0508

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
_	(City and State)
on thi	s day of, 2019.

ASPANTENT Page 1 of 3

REEL: 051893 FRAME: 0509

BRUCE L. DAVIS	3	
At Beavertor	n, Oregon	
·	(City and State)	
on this	day of	2019.
		2010.
GEOFFREY B. F	RHOADS	
At Beavertor		
7 to Boaronton	(City and State)	
on thic	day of	2010
OH this	uay oi	2019.
JOHN D. LORD		
At Beavertor	Oregon	
At <u>Deavertor</u>	_	
#I-!-	(City and State)	
on this	day of	2019.
AL ACTAID IA DI		
ALASTAIR M. RI		
At <u>Beavertor</u>		
	(City and State)	
on this	day of	2019.
	,	
ERIC D. EVANS		
At Beavertor	n. Oregon	
	(City and State)	
on this	day of	2010
011 11115	uay oi	2019.
REBECCA L. GE	RI ACH	
At Beavertor		
At Deaverton		
	(City and State)	
on this	day of	2019.
\/ANO E * :		
YANG BAI		
At Beavertor	n, Oregon	
	(City and State)	
on this	day of	2019

/John F Stach/		
JOHN F. STAC	CH	_
At Beaver	ton, Oregon	
	(City and State)	
on this <u>18th</u>	day of <u>September</u> , 2019.	
	_ ,	
TOMAS FILLE		_
At Beaver	···	
7tt Boavon	(City and State)	
on this	day of, 2019.	
	, <u></u>	
MADO O FOO	STEM	_
MARC G. FOC		
At <u>Beaver</u>		
41-1-	(City and State)	
on this	, day of, 2019.	
WILLIAM Y. C	ONWELL	_
At Beaver	ton, Oregon	
	(City and State)	
on this	day of , 2019.	

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on th	is day of, 2019.

BRUCE L. DAVI	S	
At Beaverto		
. tt	(City and State)	
on this	day of, 2019.	
011 11115	day of, 2019.	
GEOFFREY B. I	RHOADS	_
At Beaverto		
	(City and State)	
on this	day of, 2019.	
011 11113	day of, 2010.	
		_
JOHN D. LORD		
At Beaverto	n, Oregon	
	(City and State)	
on this	day of, 2019.	
	<u> </u>	
		_
ALASTAIR M. R	EED	
At Beaverto	n, Oregon	
·	(City and State)	
on this	day of, 2019.	
	<u> </u>	
ERIC D. EVANS		
At Beaverto	n, Oregon	
	(City and State)	
on this	day of, 2019.	
	<u> </u>	
REBECCA L. GI		
At <u>Beaverto</u>	n, Oregon	
	(City and State)	
on this	day of, 2019.	
	<u> </u>	
		_
YANG BAI		
At Beaverto	n, Oregon	
	(City and State)	
on this	day of 2019	

JOHN F. STACH
At Beaverton, Oregon
(City and State)
on this day of, 2019.
,
TOMAS FILLER
At Beaverton, Oregon
(City and State)
on this day of, 2019.
/Marc G. Footen/
MARC G. FOOTEN
At Beaverton, Oregon
(City and State)
on this <u>18</u> day of <u>September</u> , 2019.
TAULLIANA V. CONNAUTLI
WILLIAM Y. CONWELL
At Beaverton, Oregon
(City and State)
on this day of, 2019.

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on th	is day of, 2019.

BRUCE L. DAVIS	,	
At Beaverton	. Oregon	
	(City and State)	
on this	day of,	2019.
	,	
OFOEFDEV D. D	LICADO	
GEOFFREY B. R		
At <u>Beaverton</u>		
41-:-	(City and State)	0010
on this	day of,	2019.
JOHN D. LORD	_	
At <u>Beaverton</u>	, Oregon	
	(City and State)	
on this	day of,	2019.
ALASTAIR M. RE	FD	
At Beaverton		
	(City and State)	
on this	day of,	2019
EDIO D. EVANO		
ERIC D. EVANS	•	
At <u>Beaverton</u>		
	(City and State)	0010
on this	day of,	2019.
REBECCA L. GE	RLACH	
At Beaverton	, Oregon	
	(City and State)	
on this	day of,	2019.
/Yang Bai/		
, I and Dan		
YANG BAI		
	Oregon	
At <u>Beaverton</u>	(City and State)	
on this 10 d		2010
on this <u>18</u> 0	ay of <u>September</u>	., ∠∪ ۱ ϑ.

JOHN F. STA	CH	
At Beaver	ton, Oregon	
	(City and State)	
on this	day of, 2019.	
	,,,	
TOMAGENTE	- D	
TOMAS FILLE		
At <u>Beaver</u>		
	(City and State)	
on this	day of, 2019.	
MARC G. FOO	TEN	
At Beaver		
At Deaver	(City and State)	
on this	day of, 2019.	
OH this	day of, 2019.	
WILLIAM Y. C	ONWELL	
At Beaver	ton. Oregon	
	(City and State)	
on this	day of . 2019.	

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on th	is day of, 2019.

BRUCE L. DAVIS	
At Beaverton, O	regon
The Boarditon, o	(City and State)
on this	day of, 2019.
011 11110 (, 2010.
GEOFFREY B. RHC	ADS
At Beaverton, O	regon
	(City and State)
on thiso	day of, 2019.
	•
JOHN D. LORD/	
JOHN D. LORD	
At Beaverton, O	rogon
At <u>beaverton, o</u>	(City and State)
on this 10th day	
on this <u>rath</u> day	of <u>September</u> , 2019.
ALASTAIR M. REED)
At Beaverton, O	
The Boaronton, o	(City and State)
on this	day of, 2019.
011 (1113 (day of, 2019.
ERIC D. EVANS	
At Beaverton, O	regon
,	(City and State)
on this	day of, 2019.
011 11113	, 2010.
REBECCA L. GERL	
At Beaverton, O	
	(City and State)
on this	day of, 2019.
	,
YANG BAI	
At Beaverton, O	regon
	(City and State)
on this	day of . 2019.

JOHN F. STA	CH	
At Beaver	ton, Oregon	
	(City and State)	
on this	day of, 2019.	
	,	
TOMAS FILLE	ER .	
At <u>Beaver</u>		
	(City and State)	
on this	day of, 2019.	
MADO O 500	STEN	
MARC G. FOO		
At <u>Beaver</u>		
	(City and State)	
on this	, day of, 2019.	
WILLIAM Y. C	ONMELL	
- · · · · · · · · · · · · · · · ·		
At <u>Beaver</u>		
	(City and State)	
on this	day of . 2019.	

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on th	is day of, 2019.

BRUCE L. DAVIS	8	•
At Beavertor		
	(City and State)	
on this	day of, 2019.	
GEOFFREY B. F	RHOADS	
At <u>Beavertor</u>		
	(City and State)	
on this	day of, 2019.	
JOHN D. LORD		
	Orogon	
At <u>Beavertor</u>	(City and State)	
	(City and State)	
on this	day of, 2019.	
ALASTAIR M. RI	-FD	•
At Beavertor		
At <u>Deavertor</u>	(City and State)	
an thia	day of, 2019.	
OH this	day of, 2019.	
/Eric D. Evans/		
ERIC D. EVANS		•
At Beavertor	Oregon	
	(City and State)	
on this 18	day of <u>September</u> , 2019.	
011 11113 (day of <u>September</u> , 2019.	
REBECCA L. GE		
At Beavertor	n, Oregon	
	(City and State)	
on this	day of, 2019.	
	<u> </u>	
YANG BAI		
At Beavertor	n, Oregon	
	(City and State)	
on this	day of . 2019.	

JOHN F. STAC	CH	
At Beavert	on, Oregon	
	(City and State)	
on this	day of, 2019.	
TOMAS FILLE	R	
At <u>Beavert</u>		
	(City and State)	
on this	day of, 2019.	
144000 500		
MARC G. FOC		
At Beavert		
	(City and State)	
on this	day of, 2019.	
NAME I LANA V. CO		
WILLIAM Y. CO		
At <u>Beavert</u>		
	(City and State)	
on this	day of , 2019.	

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on thi	s, day of, 2019.

/bruce I. davis/		
BRUCE L. DAVIS		
At Beaverton,		
	(City and State)	_
on this 18th	day of <u>september</u> , 2019.	
OII IIII3 <u>10111</u>	day or <u>september,</u> 2019.	
GEOFFREY B. RI	HOADS	
At Beaverton,	Orogon	
, tt <u>Doavortori,</u>	(City and State)	_
on thin	doy of 2010	
on this	day of, 2019.	
JOHN D. LORD		
At Beaverton,	Oregon	
Douvoitori,	(City and State)	_
on this		
on this	day of, 2019.	
ALASTAIR M. RE	<u> </u>	
=		
At <u>Beaverton</u> ,		_
	(City and State)	
on this	_ day of, 2019.	
EDIC D. EVANO		
ERIC D. EVANS	0,,,,,,,,	
At <u>Beaverton,</u>		_
	(City and State)	
on this	_ day of, 2019.	
REBECCA L. GEI		
At Beaverton,		_
	(City and State)	
on this	_ day of, 2019.	
YANG BAI		
At Beaverton,	Oregon	
<u></u>	(City and State)	
on this	_ day of, 2019.	

JOHN F. STACH			
At Beaverton	, Oregon		
	(City and		
on this			
	_ ua, o	, 2010.	
			_
TOMAS FILLER			
At Beaverton	, Oregon		
	(City and	State)	
on this	day of	, 2019.	
	_		
			_
MARC G. FOOTE			
At Beaverton			
	(City and		
on this	day of	, 2019.	
			_
WILLIAM Y. CON			
At <u>Beaverton</u>	, Oregon		
	(City and	State)	
on this	day of	. 2019.	

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on th	is day of, 2019.

BRUCE L. DAVIS		
At Beaverton,	Oregon	
	(City and State)	
on this	_ day of,	2019.
OFOEFDEV D. DI	10400	
GEOFFREY B. RH		
At <u>Beaverton,</u>		
an thia	(City and State)	0010
on this	_ day of,	2019.
JOHN D. LORD		
At <u>Beaverton,</u>		
	(City and State)	
on this	_ day of,	2019.
ALASTAIR M. REE	-D	
At Beaverton,		
At <u>Deaverton</u> ,	(City and State)	
on this	_ day of,	2010
011 11113	_ day or,	2013.
ERIC D. EVANS		
At Beaverton,		
	(City and State)	
on this	_ day of,	2019.
/Rebecca L. Gerla	ch/,Sept. 19,1019	
REBECCA L. GEF		
At Beaverton,		
	(City and State)	
on this	_ day of,	2019.
	,	
YANG BAI	^	
At <u>Beaverton,</u>		
	(City and State)	
on this	_ day of,	2019.

JOHN F. STA	CH	
At Beaver	ton, Oregon	
	(City and State)	
on this	day of, 2019.	
	,	
TOMAS FILLE	ER .	
At <u>Beaver</u>		
	(City and State)	
on this	day of, 2019.	
MADO O 500	STEN	
MARC G. FOO		
At <u>Beaver</u>		
	(City and State)	
on this	, day of, 2019.	
WILLIAM Y. C	ONMELL	
- · · · · · · · · · · · · · · · ·		
At <u>Beaver</u>		
	(City and State)	
on this	day of . 2019.	

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on th	is day of, 2019.

BRUCE L. DAVIS	3	
At Beaverton	ı, Oregon	
·	(City and State)	
on this	day of,	2019.
/O # D. Dl	1	
/Geoffrey B. Rhos		
GEOFFREY B. R		
At <u>Beaverton</u>		
	(City and State)	0040
on this <u>19</u> 0	lay of <u>September</u> ,	, 2019.
JOHN D. LORD		
At Beaverton	ı, Oregon	
	(City and State)	
on this	day of,	2019.
ALACTAID M. DE		
ALASTAIR M. RE		
At <u>Beaverton</u>		
	(City and State)	0010
on this	day of,	2019.
ERIC D. EVANS		
At Beaverton	ı, Oregon	
	(City and State)	
on this	day of,	2019.
REBECCA L. GE	DI ACII	
At Beaverton		
41-1-	(City and State)	0040
on this	day of,	2019.
YANG BAI		
At Beaverton	ı. Oregon	
	(City and State)	
on this	,	2019.

JOHN F. STA	CH	
At Beaver	ton, Oregon	
	(City and State)	
on this	day of, 2019.	
	,,,	
TOMAS FILLE		
At <u>Beaver</u>		
	(City and State)	
on this	day of, 2019.	
MARC G. FO	TEN	
At Beaver		
At Deaver	(City and State)	
on this	day of, 2019.	
OH this	day of, 2019.	
WILLIAM Y. C	ONWELL	
At Beaver	ton, Oregon	
	(City and State)	
on this	day of . 2019.	

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on thi	s day of, 2019.

BRUCE L. DAVIS	3	
At Beavertor	n, Oregon	
·	(City and State)	
on this	day of	2019.
		2010.
GEOFFREY B. F	RHOADS	
At Beavertor		
7 to Boaronton	(City and State)	
on thic	day of	2010
OH this	uay oi	2019.
JOHN D. LORD		
At Beavertor	Oregon	
At <u>Deavertor</u>	_	
#I-!-	(City and State)	
on this	day of	2019.
AL ACTAID IA DI		
ALASTAIR M. RI		
At <u>Beavertor</u>		
	(City and State)	
on this	day of	2019.
	,	
ERIC D. EVANS		
At Beavertor	n. Oregon	
	(City and State)	
on this	day of	2010
011 11115	uay oi	2019.
REBECCA L. GE	RI ACH	
At Beavertor		
At Deaverton		
	(City and State)	
on this	day of	2019.
\/ANO E * :		
YANG BAI		
At Beavertor	n, Oregon	
	(City and State)	
on this	day of	2019

JOHN F. STACI	H	
At Beaverto	on, Oregon	
	(City and State)	
on this	day of, 2019.	
/Tomas Filler/		
TOMAS FILLER	3	
At Beaverto		
, ii <u>Boavoito</u>	(City and State)	
on this 25	day of <u>September</u> , 2019.	
OII tillo <u>20</u>	day of <u>Coptombor</u> , 2010.	
MARC G. FOOT		
At Beaverto	on, Oregon	
	(City and State)	
on this	day of, 2019.	
WILLIAM Y. CO	ANIM/ELI	
At <u>Beaverto</u>		
	(City and State)	
on this	day of, 2019.	

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ
At	Beaverton, Oregon
	(City and State)
on thi	s day of, 2019.

BRUCE L. DAV	/IS	'
At Beavert	on, Oregon	
	(City and State)	
on this	day of, 2019.	
OFOEFDEV D	DUOADO	
GEOFFREY B.		
At <u>Beavert</u>		
.1. 1	(City and State)	
on this	day of, 2019.	
JOHN D. LORE)	
At Beavert	on, Oregon	
	(City and State)	
on this	day of, 2019.	
	,	
/Alastair M. Re		
ALASTAIR M. I		
At <u>Beavert</u>	on, Oregon	
	(City and State)	
on this <u>19</u>	_ day of <u>Nov</u> , 2019.	
ERIC D. EVAN	<u> </u>	
At <u>beavert</u>	on, Oregon	
41-1-	(City and State)	
on this	day of, 2019.	
REBECCA L. C	SERLACH	
At Beavert	on, Oregon	
	(City and State)	
on this	day of, 2019.	
OIT LINE	, 2010:	
		-
YANG BAI		
At Beavert	on, Oregon	
	(City and State)	
on this	day of 2019	

JOHN F. STA	CH	
At Beaver	ton, Oregon	
	(City and State)	
on this	day of, 20)19.
	,	
TOMAS FILLS		
TOMAS FILLE	= = =	
At <u>Beaver</u>		
	(City and State)	
on this	, day of, 20	019.
MARC G. FO	TEN	
At Beaver		
7tt Boavon	(City and State)	
on this	day of, 20	110
011 11115	, day of, 20) i 3 .
WILLIAM Y. C	ONWELL	
At Beaver	ton, Oregon	
	(City and State)	
on this	day of , 20	019.

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

At Beaverton, Oregon

on this (City and State) day of Nov., 2019.

BRUCE L. DAVIS		
At Beaverton	, Oregon	
	(City and State)	
on this	day of, 2019.	
GEOFFREY B. R	HOVDS	
At Beaverton		
At <u>Deaverton</u>	(City and State)	
on this	day of, 2019.	
On tins	day or, 2019.	
		
JOHN D. LORD	_	
At Beaverton		
	(City and State)	
on this	day of, 2019.	
ALASTAIR M. RE	ED	****
At Beaverton	Orogon	
	(City and State)	
on this	day of, 2019.	
OII (IIIO		
ERIC D. EVANS	_	
At <u>Beaverton</u>		
	(City and State)	
on this	day of, 2019.	
		_
REBECCA L. GEI	RLACH	
At Beaverton	, Oregon	
	(City and State)	
on this	day of, 2019.	
YANG BAI		
At <u>Beaverton</u>		
	(City and State)	
on this	day of, 2019.	

AS**PANTENT**- Page 2 of 3

JOHN F. STACH				
At Beavertor	n, Oregon			
	(City and Sta	te)		
	day of			
		·		
TOMAS FILLER				
At Beavertor	Oregon			
711 Douverton	(City and Sta	te)		
on this	day of			
On this	day or			
MARC G. FOOTEN				
At <u>Beavertor</u>	n, Oregon		~	
	(City and State			
on this	day of	, 2019.		
WILLIAM Y. CO		**************************************		
At <u>Beavertor</u>		1 0)		
an thin	(City and Sta day of	2010		
on this	uay or	, 2019.		

WHEREAS, we, TONY F. RODRIGUEZ, of Portland, State of Oregon, BRUCE L. DAVIS, of Lake Oswego, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED, Lake Oswego, State of Oregon, ERIC D. EVANS, of Portland, State of Oregon, REBECCA L. GERLACH, of Beaverton, State of Oregon, YANG BAI, of Beaverton, State of Oregon, JOHN F. STACH, of Portland, State of Oregon, TOMAS FILLER, of Beaverton, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and WILLIAM Y. CONWELL, of Portland, State of Oregon, have invented a certain invention, entitled METHODS AND ARRANGEMENTS FOR IDENTIFYING OBJECTS, for which we have made application for Letters Patent of the United States, said application having been filed by us on March 17, 2017, and assigned application no. 15/462,597; 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, TONY F. RODRIGUEZ, BRUCE L. DAVIS, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN F. STACH, TOMAS FILLER, MARC G. FOOTEN and WILLIAM Y. CONWELL 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.

TONY	F. RODRIGUEZ				
At	Beaverton, Oregon				
(City and State)					
on th	is day of, 2019.				

BRUCE L. DAVI	S	
At Beaverto		
. tt	(City and State)	
on this	day of, 2019.	
011 11113	day of, 2019.	
GEOFFREY B. I	RHOADS	_
At Beaverto		
	(City and State)	
on this	day of, 2019.	
011 11113	day of, 2010.	
		_
JOHN D. LORD		
At Beaverto	n, Oregon	
	(City and State)	
on this	day of, 2019.	
	<u> </u>	
		_
ALASTAIR M. R	EED	
At Beaverto	n, Oregon	
·	(City and State)	
on this	day of, 2019.	
	<u> </u>	
ERIC D. EVANS		
At Beaverto	n, Oregon	
	(City and State)	
on this	day of, 2019.	
	<u> </u>	
REBECCA L. GI		
At <u>Beaverto</u>	n, Oregon	
	(City and State)	
on this	day of, 2019.	
	<u> </u>	
		_
YANG BAI		
At Beaverto	n, Oregon	
	(City and State)	
on this	day of 2019	

RECORDED: 12/06/2019

JOHN F. STACH	
At Beaverton, Oregon	
(City and State)	
on this day of, 2019.	
on this day or, 2010.	
TOMAS FILLER	
At Beaverton, Oregon	
(City and State)	_
on this day of, 2019.	
on this day or, 2010.	
MARC G. FOOTEN	
At Beaverton, Oregon	
(City and State)	_
on this day of, 2019.	
on this day or, 2015.	
/William Y. Conwell/	
WILLIAM Y. CONWELL	
At Newberg, Oregon	
(City and State)	_
on this 15 day of November 2019	

ASPANTENT Page 3 of 3