

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5723466

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRUCE L. DAVIS	02/15/2013
TONY F. RODRIGUEZ	05/17/2013
GEOFFREY B. RHOADS	02/14/2013
JOHN D. LORD	03/01/2013
ALASTAIR M. REED	02/19/2013
ERIC D. EVANS	02/11/2013
REBECCA L. GERLACH	03/15/2013
YANG BAI	02/13/2013
JOHN STACH	02/19/2013
TOMAS FILLER	02/27/2013
MARC G. FOOTEN	01/30/2013
SEAN CALHOON	02/05/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DIGIMARC CORPORATION
<b>Street Address:</b>	9405 SW GEMINI DRIVE
<b>City:</b>	BEAVERTON
<b>State/Country:</b>	OREGON
<b>Postal Code:</b>	97008
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15175997
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)469-4771
<i>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.</i>	
<b>Phone:</b>	503-469-4800
<b>Email:</b>	lisa.parkinson@digimarc.com
<b>Correspondent Name:</b>	DIGIMARC CORPORATION
<b>Address Line 1:</b>	9405 SW GEMINI DRIVE
<b>Address Line 4:</b>	BEAVERTON, OREGON 97008

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	P2327-R
<b>NAME OF SUBMITTER:</b>	LISA PARKINSON
<b>SIGNATURE:</b>	/Lisa Parkinson/
<b>DATE SIGNED:</b>	09/17/2019

**Total Attachments: 35**

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ASSIGNMENT

WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; 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, BRUCE L. DAVIS, TONY F. RODRIGUEZ, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN STACH, TOMAS FILLER, MARC G. FOOTEN, SEAN CALHOON, 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.

  
\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon

(City and State)

on this 15<sup>th</sup> day of Feb, 2013.

TONY F. RODRIGUEZ

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

GEOFFREY B. RHOADS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

JOHN D. LORD

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

ALASTAIR M. REED

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

ERIC D. EVANS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

REBECCA L. GERLACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

YANG BAI

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

JOHN STACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

TOMAS FILLER

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
MARC G. FOOTEN

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
SEAN CALHOON

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

A S S I G N M E N T

WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; and

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

\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
(City and State)  
on this 17<sup>th</sup> day of May, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
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\_\_\_\_\_  
ERIC D. EVANS

At Beaverton, Oregon  
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\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TOMAS FILLER

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.





A S S I G N M E N T

WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; and

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\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

  
\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
(City and State)  
on this 14 day of FEB, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ERIC D. EVANS

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(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
REBECCA L. GERLACH

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(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TOMAS FILLER

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(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
MARC G. FOOTEN

At Beaverton, Oregon  
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on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

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SEAN CALHOON

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BRUCE L. DAVIS

At Beaverton, Oregon

(City and State)

on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.



\_\_\_\_\_  
MARC G. FOOTEN

At Beaverton, Oregon

(City and State)

on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
SEAN CALHOON

At Beaverton, Oregon

(City and State)

on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

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BRUCE L. DAVIS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

  
\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this 19 day of Feb, 2013.

\_\_\_\_\_  
ERIC D. EVANS

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TOMAS FILLER

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.



\_\_\_\_\_  
MARC G. FOOTEN

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
SEAN CALHOON

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WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; 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, BRUCE L. DAVIS, TONY F. RODRIGUEZ, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN STACH, TOMAS FILLER, MARC G. FOOTEN, SEAN CALHOON, 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.

\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

  
\_\_\_\_\_  
ERIC D. EVANS

At Beaverton, Oregon  
(City and State)  
on this 11 day of FEBRUARY, 2013.

\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TOMAS FILLER

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

A S S I G N M E N T

WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; and

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\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ERIC D. EVANS

At Beaverton, Oregon  
(City and State)  
on this 15 day of March, 2013.

  
\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TOMAS FILLER

MARC G. FOOTEN

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

SEAN CALHOON

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.



\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ERIC D. EVANS

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

  
\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this 13 day of February, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TOMAS FILLER

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.





# ASSIGNMENT

WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; and

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

\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ERIC D. EVANS

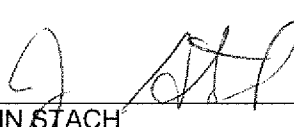
At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

  
\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this 19 day of Feb, 2013.

\_\_\_\_\_  
TOMAS FILLER

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
MARC G. FOOTEN

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
SEAN CALHOON

At Beaverton, Oregon  
\_\_\_\_\_  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

ASSIGNMENT

WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; and

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

\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ERIC D. EVANS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
(City and State)  
on this 27 day of FEBRUARY, 2013.

  
\_\_\_\_\_  
TOMAS FILLER

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

MARC G. FOOTEN

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

SEAN CALHOON

ASSIGNMENT

WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; and

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

\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.



\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ERIC D. EVANS

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TOMAS FILLER

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

  
MARC G. FOOTEN

At Beaverton, Oregon  
(City and State)  
on this 30 day of Jan, 2013.

SEAN CALHOON

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

A S S I G N M E N T

WHEREAS, we, BRUCE L. DAVIS, of West Linn, State of Oregon, TONY F. RODRIGUEZ, of Portland, State of Oregon, GEOFFREY B. RHOADS, of West Linn, State of Oregon, JOHN D. LORD, of West Linn, State of Oregon, ALASTAIR M. REED of 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 STACH, of Portland, State of Oregon, TOMAS FILLER, of Tigard, State of Oregon, MARC G. FOOTEN, of Beaverton, State of Oregon and SEAN CALHOON, of Lake Oswego, 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 January 25, 2013, and assigned application no.13/750,752; 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, BRUCE L. DAVIS, TONY F. RODRIGUEZ, GEOFFREY B. RHOADS, JOHN D. LORD, ALASTAIR M. REED, ERIC D. EVANS, REBECCA L. GERLACH, YANG BAI, JOHN STACH, TOMAS FILLER, MARC G. FOOTEN, SEAN CALHOON, 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.

\_\_\_\_\_  
BRUCE L. DAVIS

At Beaverton, Oregon  
(City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TONY F. RODRIGUEZ

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
GEOFFREY B. RHOADS

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN D. LORD

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ALASTAIR M. REED

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
ERIC D. EVANS

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
REBECCA L. GERLACH

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
YANG BAI

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
JOHN STACH

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
TOMAS FILLER

At Beaverton, Oregon  
                    (City and State)  
on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
MARC G. FOOTEN

At Beaverton, Oregon

(City and State)

on this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

  
\_\_\_\_\_  
SEAN CALHOON

At Beaverton, Oregon

(City and State)

on this 5<sup>th</sup> day of Feb, 2013.