PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHE WINKLER	04/25/2014
EMMANUEL LABRUNYE	04/16/2014

RECEIVING PARTY DATA

Name:	PARADIGM FRANCE	
Street Address:	78 AVENUE DU XX EME CORPS	
City:	NANCY	
State/Country:	FRANCE	
Postal Code:	54000	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14860084

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P-73140-US2
NAME OF SUBMITTER:	SHARON BRAUDE
SIGNATURE:	/SHB/
DATE SIGNED:	04/28/2016

Total Attachments: 4

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PATENT 503804198 REEL: 038411 FRAME: 0414

Docket No.: P

P-73140-US

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the

Receipt of which is hereby acknowledged, I the undersigned, Christophe WINKLER residing at 32 rue de

Bois de Greve, 54850 Messein, France;

Hereby sell, assign and transfer to Paradigm France, located at 78 avenue du Xxº éme

corps 54000 Nancy France (formerly named Earth Decision Sciences S.A.), its successors, assigns and

legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in

and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any

and all inventions which are disclosed but not claimed in the application for United States Patent U.S.

Serial No. 12/909,981 filed October 22, 2010 and is entitled

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MODEL

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other

applications for U.S. Letters Patent or other related property rights in any and all foreign countries which

have been or shall be filed on any of said inventions disclosed in said application, including but not

limited to prior US Provisional Application 61/254,438 filed on October 23, 2009; and in and to all

original and reissued patents or related foreign documents which have been or shall be issued on said

inventions; and including the Assignor's right in and to all revenue, income, royalties, damages and

payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and

in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover

for past, present and future infringement of the rights assigned or to be assigned under this Assignment;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee,

the corporation above named, its successors, assigns and legal representatives, in accordance with this

assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said

application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other

kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or

other rights, the priority of the aforesaid United States patent application under the provisions of the

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International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

FULL NAME OF INVENTOR:	FULL NAME OF WITNESS:
Christophe WINKLER	
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: <u>25 / 04 / 2014</u> (day / month / year)	ADDRESS OF WITNESS:

Docket No.: P-73140-US

<u>ASSIGNMENT</u>

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the Receipt of which is hereby acknowledged, I the undersigned, Emmanuel LABRUNYE residing at 38 rue Joseph Mougin, Nancy F-54000, France;

Hereby sell, assign and transfer to Paradigm France, located at 78 avenue du Xx° éme corps 54000 Nancy France (formerly named Earth Decision Sciences S.A.), its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 12/909,981 filed October 22, 2010 and is entitled

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and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application, including but not limited to prior US Provisional Application 61/254,438 filed on October 23, 2009; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions; and including the Assignor's right in and to all revenue, income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the

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International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignce, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

FULL NAME OF INVENTOR:	FULL NAME OF WITNESS:
Emmanuel LABRUNYE	
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: 16/4/2014 (day / month / year)	ADDRESS OF WITNESS:

RECORDED: 04/28/2016