PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ivan BIECHE	09/25/2012
Benedicte WATELET	10/01/2012
Tarik ASSELAH	07/31/2012
Isabelle Catherine BATXELLI	10/01/2012
Eve Laure MATHIEU	10/01/2012
Nathalie JULLIAN	08/31/2012
Michel VIDAUD	09/25/2012
Patrick MARCELLIN	07/31/2012
Mohammad AFSHAR	09/06/2012

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PATENT

REEL: 030933 FRAME: 0150

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13983405	

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	B.J. Sadoff
Signature:	/B.J. Sadoff/
Date:	08/02/2013

Total Attachments: 2

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PATENT REEL: 030933 FRAME: 0151

ASSIGNMENT OF PATENT APPLICATION

Ivan BIECHE, of 12 esplanade des Courtieux, 92150 Suresnes, France, Bénédicte WATELET, of Les Côteaux du Lac, 4 rue de la Mairie, Villa n°2, 34980 Saint Clément de Rivière, France,

Tarik ASSELAH, of 112 avenue du Général Michel Bizot, 75012 Paris, France, Isabelle, Catherine BATXELLI, of N° 7 Lotissement Volte-Basse – Chemin de l'eau noire, 30670 Aigues-Vives, France,

Eve, Laure **MATHIEU**, of 205 avenue de Fès – Apt C36, 34080 Montpellier, France.

Nathalie JULLIAN, 60 rue Gabriel Peri, 92120 Montrouge, France, Michel VIDAUD, of 11 rue Squeville, 94120 Fontenay-sous-Bois, France, Patrick MARCELLIN, of 176 rue Legendre, 75017 Paris, France, and Mohammad AFSHAR, of 51 rue du Ranelagh, 75016 Paris, France.

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree to assign, and hereby do assign, transfer and set over to

BIO-RAD INNOVATIONS

of 3 boulevard Raymond Poincaré, 92430 Marnes-La-Coquette, France ARIANA PHARMACEUTICALS

of 28 rue du Docteur Finlay, 75015 Paris, France,

INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE

of 101 rue de Tolbiac, 75654 Paris Cedex 13, France,

ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS

of 3 avenue Victoria, 75004 Paris, France,

and

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

of 3 rue Michel-Ange, 75794 Paris Cedex 16, France

(hereinafter designated as the Assignees) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all application(s) for patent and any Letters Patent which may be granted therefore, known as

COMBINATION OF BIOMARKERS FOR THE PROGNOSIS OF RESPONSE OR NON-RESPONSE TO ANTI-HCV TREATMENT,

for which the undersigned have executed on even date herewith an application for patent in the United States of America, which was filed

on February 9, 2011 as PCT international application n° PCT/EP2012/052231.

The undersigned acknowledge an obligation of assignment of this invention to said Assignees at the time the invention was made.

The undersigned agree to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignees.

The undersigned hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignees, as Assignees of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that Assignees" attorneys Nixon & Vanderhye P.C. have represented only Assignees and will continue to represent only Assignees with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signatures.

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Date	32/02/50NS	Signature of inventor	Ivan BIECHE
Date	01/10/2012	Signature of inventor	Bénédicte WATELET
Date	3/07/2012	Signature of inventor	Tank ASSELAH
Date	<u> </u>	Signature of inventor	Isabelle Catherine BATXELLI
Date	01/6/2012	Signature of inventor	Eve Laure MATHIEU
Date	31.08.2012	Signature of inventor	Nathalie JULLIAN
Date	25 09 2012	Signature of inventor	Michel VIDAUB
Date	31/07/2012	Signature of inventor	
Date	4/9/2002	Signature of inventor	Patrick MARCELLIN Mohammad AFSHAR