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| PATENT ASSIGNMENT COVER SHEET |
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ULRICH ESSIG | 03/19/2013 |
| STEFAN KLOSTERMANN | 04/18/2013 |
| FRANK KOWALEWSKY | 04/18/2013 |
| KAY-GUNNAR STUBENRAUCH | 04/18/2013 |
| RUDOLF VOGEL | 04/18/2013 |
| UWE WESSELS | 04/18/2013 |
| RECEIVING PARTY DATA | |
| Name: | ROCHE DIAGNOSTICS GMBH |
| Street Address: | SANDHOFER STRASSE 116 |
| City: | MANNHEIM |
| State/Country: | GERMANY |
| Postal Code: | 68305 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14627782 |
| CORRESPONDENCE DATA | |
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| <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> | |
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| ATTORNEY DOCKET NUMBER: | P4659C2 |
| NAME OF SUBMITTER: | JAMES E. NESBITT |
| SIGNATURE: | /James E. Nesbitt/ |
| DATE SIGNED: | 07/31/2015 |

Total Attachments: 4

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U.S.A.

Ref. P4659C1 (26847 US)

Assignment

WHEREAS, I/WE

Ulrich Essig, Stefan Klostermann, Frank Kowalewsky,
Kay-Gunnar Stubenrauch, Rudolf Vogel and Uwe Wessels

the ASSIGNOR(S), have invented certain new and useful improvements in

Anti-human IgG1 antibody

which are described and claimed in application for United States Letters Patent, which application is based upon the following foreign application(s)

in Europe on 17/ August/ 2010 under No. 10173090.1

NOW, THEREFOR, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations to me (us) in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I/we have sold, assigned and set over, and by these presents do hereby sell, assign and set over unto

Roche Diagnostics GmbH, a German Company
of Sandhofer Strasse 116, DE-68305 Mannheim (Germany) the Assignee

and the said Assignee's legal representatives, successors and assigns, the entire right, title and interest, in and to the said invention within the United States of America and its territories and possessions, and in and to said application and the Letters Patent of the United States of America that may be granted therefor, together with the right to extend the protection thereof to the various territories and possessions now owned or which may be acquired hereafter by the United States of America; and I/we do hereby request and authorize the Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms of this assignment.

UPON SAID CONSIDERATION, I/we do hereby covenant and agree with the said Assignee that I/we will not execute any writing or do any act whatsoever conflicting with these presents, and that I/we will at any time upon request without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States of America on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s) indicated below
at Planegg, Germany on

Ulrich Essig 03/19/2013

Ulrich Essig

Stefan Klostermann

Frank Kowalewsky

Kay-Gunnar Stubenrauch

Rudolf Vogel

Uwe Wessels

U.S.A.

Ref. P4659C1 (26847 US)

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Kay-Gunnar Stubenrauch, Rudolf Vogel and Uwe Wessels**

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Roche Diagnostics GmbH, a German Company
of Sandhofer Strasse 116, DE-68305 Mannheim (Germany) the Assignee

and the said Assignee's legal representatives, successors and assigns, the entire right, title and interest, in and to the said invention within the United States of America and its territories and possessions, and in and to said application and the Letters Patent of the United States of America that may be granted therefor, together with the right to extend the protection thereof to the various territories and possessions now owned or which may be acquired hereafter by the United States of America; and I/we do hereby request and authorize the Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms of this assignment.

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IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s) indicated below
at Penzberg, Germany on April 18, 2013

Ulrich Essig

Frank Kowalewski

Frank Kowalewski

Rudolf Vogel

Rudolf Vogel

Stefan Klostermann

Stefan Klostermann

Kay-Gunnar Stubenrauch

Kay-Gunnar Stubenrauch

Uwe Wessels

Uwe Wessels