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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ULRICH BRINKMANN	07/15/2014
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GUY GEORGES	07/15/2014
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15200584

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SIGNATURE:	/Y. Elaine Chang/
DATE SIGNED:	11/17/2016

PATENT 504101645 REEL: 040362 FRAME: 0955

Total Attachments: 4

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PATENT REEL: 040362 FRAME: 0956

ASSIGNMENT AGREEMENT

I/We, the undersigned

inventor(s)

Employed by:

Ulrich Brinkmann, a German citizen

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Roche Diagnostics GmbH

hereinafter ASSIGNOR(S), herewith declare that I am/we are joint inventor(s) together with

Inventor(s)

Employed by:

Ekkehard Moessner

Roche Glycart AG

hereinafter CO-INVENTOR(S)

of the invention entitled:

COVALENTLY LINKED HELICAR-ANTI-HELICAR ANTIBODY CONJUGATES AND USES THEREOF

for which (a) priority application(s) was (were) filed with the

European Patent Office

as outlined below:

Case No.

Country

Filing Date

Serial No.

31921

Europe

03. January 2014

14150087.6

ASSIGNOR(S) acknowledge(s) the previous transfer to

Roche Diagnostics GmbH Sandhofer Strasse 116 68305 Mannheim Germany

region sandaVV yrspeksá uspaká

hereinafter ASSIGNEE, of all right, title, and interest in, to, and deriving from the inventions disclosed in the priority application(s) set forth above by operation of law, contract, or otherwise.

> PATENT **REEL: 040362 FRAME: 0957**

As far as right, title, and interest of the ASSIGNOR(S) in, to, and deriving from the inventions disclosed in the patent application(s) set forth above may not have been transferred to ASSIGNEE, ASSIGNOR(S) herewith assign(s) to ASSIGNEE all right, title, and interest in, to, and deriving from the invention and to the above priority application(s), including the right to claim priority.

The assignment of the rights of the CO-INVENTOR(S) is subject to a separate assignment agreement. ASSIGNOR(S) explicitly approve(s) that assignment.

ASSIGNEE by virtue of this assignment thereof shall have the exclusive right and is fully entitled to claim priority of the priority application(s) set forth above, to apply for, obtain, and own patents worldwide in its own name and at its own costs that claim priority to and are based in whole or in part on the priority application(s), to maintain any patent granted thereupon and to discontinue any patents or patent applications as it deems appropriate.

ASSIGNOR(S)	- 7 1/1//
Party /5. 7. 20/4 Place, Dalle /	Olrich Brinkmertry
Penzherg, 15.07.2014 Place, Date	Suefan Dengi
Place, Date 15.3. 2044	Achjur Gaertner
Place, Date 3 15.7. 2014	Goy Gebrges
Penbers 15.7.7014 Place, Date	Eike Hoffmann
Place, Date 15: 7. 2014	Georg Tyelenthaler
ASSIGNEE	Roche Diagnostics GmbH

Penzberg,

15,07,14

Place, Date

Werner Naser Mandatory Wolfgang Jenni Mendatory

File-No. R 1284 / 2014

of July 15, 2014 / li

I hereby certify that the document affixed and sealed hereto was signed today in my presence by

- Mr. Dr. Ulrich Brinkmann, born February 21, 1961, resident Feichtlstraße 12, 82362 Weilheim, identified by his German identity card,
- Mr. Stefan Dengl, born December 10, 1977, resident Schleißheimer Straße 44 a, 80333 München, identified by his German identity card,
- Mr. Achim Gärtner, born July 20, 1964, resident Hohenbirken 56, 83670 Bad Heilbrunn, identified by his German identity card,
- 4. Mr. Guy Georges, born September 14, 1963, resident Am Berggraben 11, 82392 Habach, identified by his Belgian passport,
- Mrs. Dr. Eike Hoffmann, born July 28, 1963, resident Kienbachstraße 1 B, 82211 Herrsching a. Ammersee, identified by her German identity card,
- 6. Mr. Georg Tiefenthaler, born March 9, 1959, resident Oberriedern 4, 82404 Sindelsdorf, identified by his German identity card,
- Mr. Dr. Wolfgang Jenni, born October 21, 1968, business address: Nonnenwald 2, 82377 Penzberg, personally known to me.
- Mr. Dr. Werner Naser, born May 25, 1955, business address: Nonnenwald 2, 82377 Penzberg, personally known to me.

'n

PATENT REEL: 040362 FRAME: 0959 Dr. Wolfgang Jenni and Dr. Werner Naser are here acting on behalf of

Roche Diagnostics GmbH with its registered seat in Mannheim, HRB 3962

on the basis of the power of attorney, notarial deed no. 7 UR 1935 / 2013 and 7 UR 1938/2013, each notarized by notary Seeler in Mannheim (Notariat Mannheim VII), which was presented to me today as an original.

Penzberg, July 15, 2014

Dr. Manfred Reisnecker, Notary in Weilheim i. OB, Mederal Republic of Germany

PATENT

REEL: 040362 FRAME: 0960

RECORDED: 11/17/2016