

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5395088

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARKUS BERGER	02/19/2018
JESSICA LOHRKE	01/22/2018
CHRISTOPH-STEPHAN HILGER	01/22/2018
GREGOR JOST	02/19/2018
THOMAS FRENZEL	02/19/2018
DETLEV SUELZLE	02/12/2018
JOHANNES PLATZEK	02/01/2018
OLAF PANKNIN	02/19/2018
HUBERTUS PIETSCH	02/19/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BAYER PHARMA AKTIENGESELLSCHAFT
<b>Street Address:</b>	MULLERSTR. 178
<b>City:</b>	BERLIN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	13353
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15578687
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	RIPatents@Bayer.com
<b>Correspondent Name:</b>	BAYER HEALTHCARE LLC
<b>Address Line 1:</b>	1 BAYER DRIVE
<b>Address Line 4:</b>	INDIANOLA, PENNSYLVANIA 15051
<b>ATTORNEY DOCKET NUMBER:</b>	BHC143006
<b>NAME OF SUBMITTER:</b>	JOSEPH L. KENT
<b>SIGNATURE:</b>	/Joseph L. Kent/

<b>DATE SIGNED:</b>	02/27/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 13</b> source=ExecutedAssignwithDec#page1.tif source=ExecutedAssignwithDec#page2.tif source=ExecutedAssignwithDec#page3.tif source=ExecutedAssignwithDec#page4.tif source=ExecutedAssignwithDec#page5.tif source=ExecutedAssignwithDec#page6.tif source=ExecutedAssignwithDec#page7.tif source=ExecutedAssignwithDec#page8.tif source=ExecutedAssignwithDec#page9.tif source=ExecutedAssignwithDec#page10.tif source=ExecutedAssignwithDec#page11.tif source=ExecutedAssignwithDec#page12.tif source=ExecutedAssignwithDec#page13.tif	

**ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, **Bayer Pharma Aktiengesellschaft** a corporation organized and existing under the laws of Germany and having a place of business at Mullerstr.178, Berlin 13353, Germany, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, the entire right, title and interest in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made and we further irrevocably designate and appoint assignee and its counsel as my/our attorney-in-fact and agent to act for and on my/our behalf to execute and file any document and to do all other lawfully permitted acts to further the purposes of this Agreement with the same legal force and effect as if executed by assignor himself/herself. I/We acknowledge that assignee is the real party in interest to any and all patent applications described in connection with this Agreement, and to any and all patent rights granted thereon.

As the below named inventor I hereby declare that:

This Assignment with Declaration is directed to:

- ☐ The attached application, or
- ☒ United States Application or PCT International Application  
Number **15/578,687** filed on **November 30, 2017**  
(Confirmation No.8579).

The application is entitled: **New Gadolinium Chelate Compounds for Use in Magnetic Resonance Imaging**

The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application and I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this Assignment with Declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

**Authorization To Permit Access To Application by Participating Office**

☒ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the **PATENT** Application to Permit Access to Application by Participating Office.

**NAME OF SOLE OR FIRST INVENTOR:**

Given Name

First and middle [if any]: **Markus**

Family Name or Surname: **Berger**

Inventor's signature



Date

**19.02.2018**

Residence: **Albrechtstrasse 83, Berlin 12167, DE**

Citizenship

Mailing Address: **Albrechtstrasse 83, Berlin 12167, DE**

**NOTARIZATION**

BEFORE ME, the undersigned authority, on this day personally appeared **Markus Berger**, known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary Public  
Signature

Notary Public  
Printed Name:

[Seal]

[stamp]

**NAME OF SECOND INVENTOR:**

Given Name

First and middle [if any]: **Jessica**

Family Name or Surname: **Lohrke**

Inventor's signature

Date

Residence: **Rotschwanzweg 13, Berlin, 12351, DE**

Citizenship

Mailing Address: **Rotschwanzweg 13, Berlin, 12351, DE**

**NOTARIZATION**

BEFORE ME, the undersigned authority, on this day personally appeared **Jessica Lohrke**, known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary Public  
Signature

Notary Public  
Printed Name:

[Seal]

[stamp]

**PATENT**

**REEL: 048450 FRAME: 0184**

<b>NAME OF SOLE OR FIRST INVENTOR:</b>	
Given Name (first and middle [if any]): <b>Markus</b>	Family Name or Surname: <b>Berger</b>
Inventor's signature	Date
Residence: <b>Albrechtstrasse 83, Berlin 12167, DE</b>	Citizenship
Mailing Address: <b>Albrechtstrasse 83, Berlin 12167, DE</b>	
<b>NOTARIZATION</b> BEFORE ME, the undersigned authority, on this day personally appeared <b>Markus Berger</b> , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this                      day of                      , 20___.	
Notary Public Signature	Notary Public Printed Name:
[seal]	[stamp]

<b>NAME OF SECOND INVENTOR:</b>	
Given Name (first and middle [if any]): <b>Jessica</b>	Family Name or Surname: <b>Lohrke</b>
Inventor's signature <i>Jessica Lohrke</i>	Date <b>22.01.18</b>
Residence: <b>Rotschwanzweg 13, Berlin, 12351, DE</b>	Citizenship
Mailing Address: <b>Rotschwanzweg 13, Berlin, 12351, DE</b>	
<b>NOTARIZATION</b> BEFORE ME, the undersigned authority, on this day personally appeared <b>Jessica Lohrke</b> , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this                      day of                      , 20___.	
Notary Public Signature	Notary Public Printed Name:
[seal]	[stamp]

**Urkundenrolle-Nr. R 65 / 2018**

Ich habe das Mitwirkungsverbot nach § 3 Abs. 1 Nr. 7 BeurkG erläutert. Meine Frage, ob eine Vorbefassung im Sinne der Vorschrift vorliege, wurde verneint.

Die vor mir geleistete Unterschrift

der Frau Jessica **L o h r k e**,  
geboren am 6. November 1977,

- von Person bekannt -

geschäftsansässig in 13353 Berlin, Müllerstraße 178,

beglaubige ich

Berlin, 22. Januar 2018

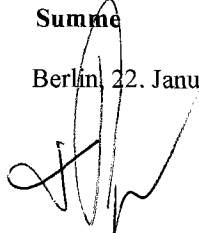


Notar

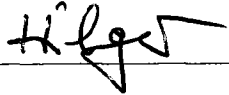
**Kostenberechnung  
(§ 19 GNotKG)**

25100 Beglaubigung einer Unterschrift §§ 121, 98 Abs. 1 GW: 12.000,00 €	20,00 €
26002 (1) Auswärtstätigkeit (4 Halbstunde (n) zu je 50,00 € : 11 Dokumente)	18,18 €
32001 Dokumentenpauschale (s/w)	1,50 €
32005 Post- und Telekommunikationspauschale	1,45 €
<b>Zwischensumme netto</b>	<b>41,13 €</b>
32014 Umsatzsteuer 19 %	7,81 €
<b>Summe</b>	<b>48,94 €</b>

Berlin, 22. Januar 2018



Notar

<b>NAME OF THIRD INVENTOR:</b>	
Given Name (first and middle [if any]): <b>Christoph-Stephan</b>	Family Name or Surname: <b>Hilger</b>
Inventor's signature 	Date <b>22.01.2018</b>
Residence: <b>Langenauerweg 24, Berlin, 13503, DE</b>	Citizenship
Mailing Address: <b>Langenauerweg 24, Berlin, 13503, DE</b>	
<b>NOTARIZATION</b>	
BEFORE ME, the undersigned authority, on this day personally appeared <b>Christoph-Stephan Hilger</b> , known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this _____ day of _____, 20__.	
Notary Public Signature	Notary Public Printed Name:
[seal]	[stamp]

<b>NAME OF FOURTH INVENTOR:</b>	
Given Name (first and middle [if any]): <b>Gregor</b>	Family Name or Surname: <b>Jost</b>
Inventor's signature	Date
Residence: <b>Sadowastr. 16, Berlin, 10318, DE</b>	Citizenship
Mailing Address: <b>Sadowastr. 16, Berlin, 10318, DE</b>	
<b>NOTARIZATION</b>	
BEFORE ME, the undersigned authority, on this day personally appeared <b>Gregor Jost</b> known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this _____ day of _____, 20__.	
Notary Public Signature	Notary Public Printed Name:
[seal]	[stamp]

**Urkundenrolle-Nr. R 61 / 2018**

Ich habe das Mitwirkungsverbot nach § 3 Abs. 1 Nr. 7 BeurkG erläutert. Meine Frage, ob eine Vorbefassung im Sinne der Vorschrift vorliege, wurde verneint.

Die vor mir geleistete Unterschrift

des Herrn Dr. Stephan **Hilger**,  
geboren am 29. Juni 1955,

- von Person bekannt -

geschäftsansässig in 13353 Berlin, Müllerstraße 178,

beglaubige ich.

Berlin, 22. Januar 2018

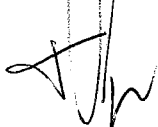


Notar

**Kostenberechnung  
(§ 19 GNotKG)**

25100 Beglaubigung einer Unterschrift §§ 121, 98 Abs. 1 GW: 12.000,00 €	20,00 €
26002 (1) Auswärtstätigkeit (4 Halbstunde (n) zu je 50,00 € : 11 Dokumente)	18,18 €
32001 Dokumentenpauschale (s/w)	1,50 €
32005 Post- und Telekommunikationspauschale	1,45 €
<b>Zwischensumme netto</b>	<b>41,13 €</b>
32014 Umsatzsteuer 19 %	7,81 €
<b>Summe</b>	<b>48,94 €</b>

Berlin, 22. Januar 2018



Notar



**NAME OF THIRD INVENTOR:**

Given Name

First and middle [if any]: **Christoph-Stephan**Family Name or Surname: **Hilger**

Inventor's signature

Date

Residence: **Langenauerweg 24, Berlin, 13503, DE**

Citizenship

Mailing Address: **Langenauerweg 24, Berlin, 13503, DE****NOTARIZATION**

BEFORE ME, the undersigned authority, on this day personally appeared **Christoph-Stephan Hilger**, known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary Public  
signatureNotary Public  
Printed Name:

[seal]

[stamp]

**NAME OF FOURTH INVENTOR:**

Given Name

First and middle [if any]: **Gregor**Family Name or Surname: **Jost**

Inventor's signature

Date **19.01.2018**Residence: **Sadowastr. 16, Berlin, 10318, DE**Citizenship **Deutsch**Mailing Address: **Sadowastr. 16, Berlin, 10318, DE****NOTARIZATION**

BEFORE ME, the undersigned authority, on this day personally appeared **Gregor Jost** known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary Public  
signatureNotary Public  
Printed Name:

[seal]

[stamp]

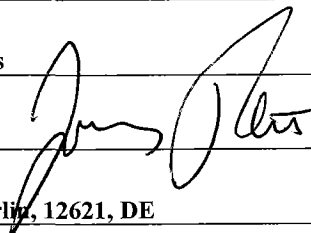
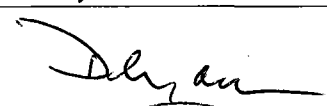

**PATENT****REEL: 048450 FRAME: 0189**

**NAME OF FIFTH INVENTOR:**

Given Name First and middle [if any]: <b>Thomas</b>		Family Name or Surname: <b>Frenzel</b>	
Inventor's signature <i>Thomas Frenzel</i>		Date <i>19. Feb. 2018</i>	
Residence: <b>Paul-Schneider-Str. 41, Berlin, 12247, DE</b>		Citizenship <i>de</i>	
Mailing Address: <b>Paul-Schneider-Str. 41, Berlin, 12247, DE</b>			
<b>NOTARIZATION</b>			
BEFORE ME, the undersigned authority, on this day personally appeared <b>Thomas Frenzel</b> known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this _____ day of _____, 20__.			
Notary Public Signature		Notary Public Printed Name:	
[seal]		[stamp]	

**NAME OF SIXTH INVENTOR:**

Given Name First and middle [if any]: <b>Detlev</b>		Family Name or Surname: <b>Suelzle</b>	
Inventor's signature <i>Detlev Suelzle</i>		Date <i>12/2-2018</i>	
Residence: <b>Otternweg 15, Berlin, 13465, DE</b>		Citizenship	
Mailing Address: <b>Otternweg 15, Berlin, 13465, DE</b>			
<b>NOTARIZATION</b>			
BEFORE ME, the undersigned authority, on this day personally appeared <b>Detlev Suelzle</b> known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this _____ day of _____, 20__.			
Notary Public Signature		Notary Public Printed Name:	
[seal]		[stamp]	

<b>NAME OF SEVENTH INVENTOR:</b>	
Given Name (first and middle [if any]): <b>Johannes</b>	Family Name or Surname: <b>Platzek</b>
Inventor's signature 	Date <b>1.2.2018</b>
Residence: <b>Grottkauer Str. 55, Berlin, 12621, DE</b>	Citizenship
Mailing Address: <b>Grottkauer Str. 55, Berlin, 12621, DE</b>	
<b>NOTARIZATION</b>	
BEFORE ME, the undersigned authority, on this day personally appeared <b>Johannes Platzek</b> known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this <b>1<sup>st</sup></b> day of <b>February</b> , 20 <b>18</b>	
Notary Public Signature 	Notary Public Printed Name: <b>Dr. Markus Dohr, Notar</b>
[seal] 	[stamp] <b>Dr. Markus Dohr</b> Notar Neumarkt 11 D-42103 Wuppertal-Elberfeld Tel.: 0202 - 97 40 900 Fax: 0202 - 97 40 929

<b>NAME OF EIGHTH INVENTOR:</b>	
Given Name (first and middle [if any]): <b>Olaf</b>	Family Name or Surname: <b>Panknin</b>
Inventor's signature	Date
Residence: <b>Parkstrasse 36, Berlin 13187, DE</b>	Citizenship
Mailing Address: <b>Parkstrasse 36, Berlin 13187, DE</b>	
<b>NOTARIZATION</b>	
BEFORE ME, the undersigned authority, on this day personally appeared <b>Olaf Panknin</b> known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this _____ day of _____, 20__.	
Notary Public Signature	Notary Public Printed Name:
[seal]	[stamp]

**NAME OF SEVENTH INVENTOR:**

Given Name

First and middle [if any]: **Johannes**Family Name or Surname: **Platzek**

Inventor's signature

Date

Residence: **Grottkauer Str. 55, Berlin, 12621, DE**

Citizenship

Mailing Address: **Grottkauer Str. 55, Berlin, 12621, DE****NOTARIZATION**

BEFORE ME, the undersigned authority, on this day personally appeared **Johannes Platzek** known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary Public  
SignatureNotary Public  
Printed Name:

[Seal]

[stamp]

**NAME OF EIGHTH INVENTOR:**

Given Name

First and middle [if any]: **Olaf**Family Name or Surname: **Panknin**

Inventor's signature

Date

Residence: **Parkstrasse 36, Berlin 13187, DE**

Citizenship

Mailing Address: **Parkstrasse 36, Berlin 13187, DE****NOTARIZATION**

BEFORE ME, the undersigned authority, on this day personally appeared **Olaf Panknin** known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary Public  
SignatureNotary Public  
Printed Name:

[Seal]

[stamp]

NAME OF NINTH INVENTOR:

Given Name

First and middle [if any]: **Hubertus**

Family Name or Surname: **Pietsch**

Inventor's signature

Date

Residence: **Maerkische Heide 71, Kleinmachnow, 14532, DE**

Citizenship

Mailing Address: **Maerkische Heide 71, Kleinmachnow, 14532, DE**

**NOTARIZATION**

BEFORE ME, the undersigned authority, on this day personally appeared **Hubertus Pietsch** known to me to be the person whose name is subscribed above, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Notary Public  
Signature

Notary Public  
Printed Name:

[Seal]

[stamp]

C143006 PCT-US

## Beglaubigungsvermerk

Vorstehende, vor mir in 13353 Berlin, Müllerstraße 178, wohin ich mich auf Ersuchen begeben hatte, vollzogene Unterschrift des


Herrn **Detlev** Alfred Franz Sülzle  
geb. am 26.05.1959  
wohnhaft in 13465 Berlin, Otternweg 15,

beglaubige ich hiermit.

Der Unterzeichner wies sich zur Gewissheit der Notarin durch Vorlage seines gültigen, deutschen Lichtbildausweises aus.

Ich habe den Unterzeichner nach einer Vorbefassung im Sinne des § 3 Abs. 1 Nr. 7 BeurkG gefragt. Die Frage wurde verneint.

Berlin, den 12.02.2018

  
Maier  
Notarin

UR-Nr. 118/2018



## Beglaubigungsvermerk

Vorstehende, vor mir in 13353 Berlin, Müllerstraße 178, wohin ich mich auf Ersuchen begeben hatte, vollzogene Unterschrift des

- 1) Herrn Dr. Markus Berger  
geb. am 06.06.1968  
wohnhaft in 12167 Berlin, Albrechtstraße 83,
- 2) Herrn Gregor Jost  
geb. am 01.03.1976  
wohnhaft in 10318 Berlin, Sadowastraße 16,
- 3) Herrn Dr. Thomas Frenzel  
geb. am 11.11.1957  
wohnhaft in 12247 Berlin, Paul-Schneider-Straße 41,
- 4) Herrn Olaf Panknin  
geb. am 03.09.1973  
wohnhaft in 13187 Berlin, Parkstraße 36,
- 5) Herrn Dr. Hubertus Pietsch  
geb. am 10.12.1967  
wohnhaft in 14532 Kleinmachnow, Märkische Heide 71,

beglaubige ich hiermit.

Die Unterzeichner wiesen sich zur Gewissheit der Notarin durch Vorlage ihrer gültigen, deutschen Lichtbildausweise aus.

Ich habe die Unterzeichner nach einer Vorbefassung im Sinne des § 3 Abs. 1 Nr. 7 BeurkG gefragt. Die Frage wurde verneint.

Berlin, den 19.02.2018

Maier  
Notarin

UR-Nr. 150/2018

