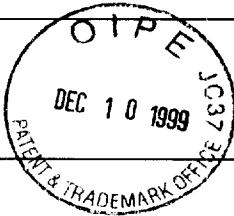


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01-13-2000

Attorney Docket Number
8484-013-999

101243568

TO THE HONORABLE COMMIS

Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Andrea Kern; Karsten Geletneky; Jörg
Schlehofer; Jürgen Kleinschmidt; Michèle
Rabreau; and Edda TobiaschAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other _____

Execution Date: June 14, 1996

2. Name and address of receiving party(ies):

Name: Deutsches Krebsforschungszentrum
Stiftung des Öffentlichen RechtsAddress: Im Neuenheimer Feld 280, HeidelbergCountry (if other than USA): Germany 69120

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 08/637,752

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 100366. Number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00
Please charge to the deposit account listed in
Section 8.8. Deposit account number:
16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Birgit Milauer 43,341Name of Person Signing Reg. No.
(for Laura A. Coruzzi, Reg. No. 30,742)

Signature

December 10, 1999

Date

01/12/2000 DMGUYEN 00000199 161150 08637752

01 FD:581 40.00 CH

Total number of pages including cover sheet:

6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

CA1 - 233819.1

PATENT
REEL: 010479 FRAME: 0559

JOINT

ASSIGNMENT

WHEREAS, WE,

- | | | | |
|----|--------------------|----|---------------------|
| 1. | Andrea Kern | 2. | Jürgen Kleinschmidt |
| 3. | Karsten Geletnicky | 4. | Michèle Rabreau |
| 5. | Jörg Schlehofer | 6. | Edda Tobiasch |

ASSIGNORS, all citizens of Germany, residing at:

1. Auf der Spreit, Ittlingen, Germany 74930
2. Wehwiesenweg 5, Bammental, Germany 69245
3. Römerstrasse 20, Heidelberg, Germany 69115
4. 13, Rue F. Marceau, Bordeaux, France F-33200
5. Feilgasse 14, Leimen, Germany 69181
6. Am Petrus 9, Dossenheim, Germany 69221

are the inventors of the invention in

Adeno-Associated Virus - Its Diagnostic Use With Early Abortion

for which we have executed an application for a Patent of the United States

☐ which is executed on ☐ even date herewith or ☐ _____ (date)

☒ which is identified by Pennie & Edmonds docket no. 8484-013-999

☒ which was filed on April 29, 1996, Serial No. 08/

and WHEREAS, Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts having a place of business at Im Neuenheimer Feld 280, Heidelberg, Germany 69120, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose

PEMP-55362.1

PATENT

REEL: 010479 FRAME: 0560

duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 14. Juni 1996, 1996 Judua Kora L.S.

State of }
County of } SS.:

On this 14th day of June, 1996, before me, a Notary Public in and for the State and County aforesaid, personally appeared _____ to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

[Signature]
Notary Public.

Jung, Notarin

Date 14. Juni 1996, 1996 K. G. [Signature] L.S.

State of }
County of } SS.:

On this 14th day of June, 1996, before me, a Notary Public in and for the State and County aforesaid, personally appeared _____ to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

[Signature]
Notary Public.

Jung, Notarin

REDACTED

Date _____, 1996

L.S.

State of _____

SS.: _____

County of _____

On this 14th day of June, 1996, before me, a Notary Public in and for the State and County aforesaid, personally appeared _____ to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public.

Jung, Notarin

Date 14. Juni 1996, 1996

L.S.

State of _____

SS.: _____

County of _____

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Notary Public.

Jung, Notarin

Date 14. Juni 1996, 1996

L.S.

State of _____

SS.: _____

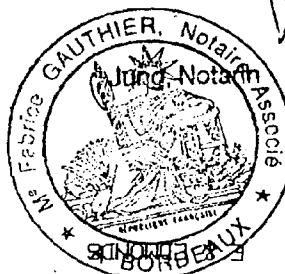
County of _____

On this 14th day of June, 1996, before me, a Notary Public in and for the State and County aforesaid, personally appeared _____ to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public.

Le Notaire Associé Soussigné, Membre de la SOCIÉTÉ TITULAIRE D'UN OFFICE NOTARIAL, 23, AV. DU JEU DE PAUME A BORDEAUX, certifie uniquement la signature matérielle apposée sur la présent document de Mme Michèle RABREAU.

A BORDEAUX, LE 15 octobre 1996



PEN 108342.1

Date 14. Juni 1996, 1996 TBA L.S.

State of _____ }
County of _____ } SS.:

On this 14th day of June, 1996, before me, a Notary Public in and for the State and County aforesaid, personally appeared _____, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public.

JG
Notary

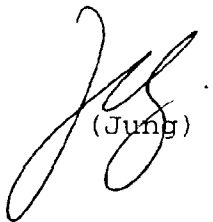
MEMPHIS

Unterschriftsbeglaubigung

Ich beglaube als echt vorseitige Unterschriften der durch BPA ausgewiesenen:

1. Dr. Jörg Rainer Schlehofer, geb. am 24.01.47, wh. in 69181 Leimen, Feilgasse 14,
2. Dr. Jürgen Andreas Kleinschmidt, geb. am 15.04.47, wh. in Bammental, Weihwiesenwg 5,
3. Karsten Uwe Horst Geletneky, geb. am 05.06.64, wh. in Heidelberg, Mönchgasse 5,
4. Edda Marina Tobiasch, geb. am 23.04.60, wh. in 69221 Dossenheim, Am Petrus 9,
5. Andrea Kern geb. Lörz, geb. am 13.07.64, wh. in 74930 Ittlingen, Auf der Spreit 25.

Heidelberg, 14.06.1996
Notariat 7 Heidelberg


(Jung) Notarin

