

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3692642

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO	12/09/2015
RECEIVING PARTY DATA	
Name:	DUTCH DNA BIOTECH B.V.
Street Address:	UTRECHTSEWEG 48
City:	ZEIST
State/Country:	NETHERLANDS
Postal Code:	3704 HE
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	8440436
Patent Number:	8679801
Application Number:	14137785
Patent Number:	8642298
Application Number:	14147747
Patent Number:	8735100
CORRESPONDENCE DATA	
Fax Number:	(858)720-5125
<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>	
Phone:	(858) 720-5112
Email:	gsarda@mofocom
Correspondent Name:	KATE H. MURASHIGE
Address Line 1:	MORRISON & FOERSTER LLP
Address Line 2:	12531 HIGH BLUFF DRIVE, SUITE 100
Address Line 4:	SAN DIEGO, CALIFORNIA 92130-2040
ATTORNEY DOCKET NUMBER:	313632008300
NAME OF SUBMITTER:	KATE H. MURASHIGE
SIGNATURE:	/Kate H. Murashige/
DATE SIGNED:	01/12/2016

Total Attachments: 3

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ASSIGNMENT and TRANSFER

The undersigned

Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
of Anna van Buurenplein 1
2595 DA 's-Gravenhage
The Netherlands

a research organisation organised and existing under the laws of The Netherlands, represented by G.T. de Boer, in the capacity of Manager IP & Contracting, singly authorised to represent said organisation, hereinafter indicated as ASSIGNOR

and

Dutch DNA Biotech B.V.
of Utrechtseweg 48
3704 HE Zeist
The Netherlands

a company organised and existing under the laws of The Netherlands, represented by A.M. de Boo, in the capacity of Managing Director, singly authorised to represent said company, hereinafter indicated as ASSIGNEE

declare and agree as follows concerning the patents/patent applications mentioned on the attached schedule:

1. ASSIGNOR has, on the basis of purchase, by written agreement assigned and transferred, and insofar as necessary herewith assigns and transfers, to ASSIGNEE all its rights and obligations regarding the above-mentioned patents/patent applications and the inventions described therein, including any and all priority rights of the said patents/patent applications and including any and all divisionals and continuations thereof, and including all causes of action (whether known or unknown or whether

(i) previously filed in court and currently pending or (2) filed with a court in the future and other enforcement rights under or on account of the said patents/patent applications, including, without limitation, all causes of action and other enforcement rights for: (i) damages for past, current, and future infringement; (ii) injunctive relief, and (iii) any other remedies of any kind for past, current, and future infringement.

2. ASSIGNEE has by written agreement accepted, and insofar as necessary herewith accepts, this assignment and transfer with all rights and obligations.

3. For this assignment and transfer, ASSIGNEE has paid to ASSIGNOR the sum of ten (10) Euros, the receipt of which is hereby acknowledged by ASSIGNOR.

4. ASSIGNOR and ASSIGNEE wish, request and authorise that this assignment and transfer are recorded in the applicable registers, and that ASSIGNEE is registered as patentee/applicant.

Thus agreed and signed in multiple originals.

Nederlandse Organisatie voor
toegepast-natuurwetenschappelijk
onderzoek TNO



(Signature)

G.T. de Boer

(Name)

's-Gravenhage, Dec. 9, 2015

(City, date)



Witnesses
(Witness signature)

R.W. Kambeel

(Witness name)

c/o Anna van Buurenplein 1, The
Hague, NL

(Witness address)

Dutch DNA Biotech B.V.



A.M. de Boo

Zeist, 10 Dec 2015

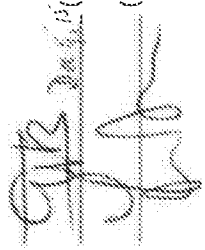
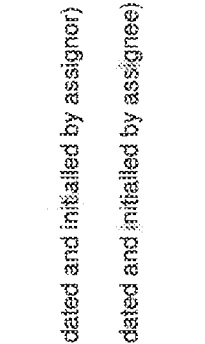


Cornelis Miinders

c/o Utrechtseweg 48, Zeist, NL



AP-609701NL-00 patent/patent applications in the name of *Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO*;
 - change of address;
 - assignment to *Dutch DNA Biotech B.V.*

case_number	appl_date	appl_no	reg_date	reg_no	state_name
P800648P00	21-07-2008	PI 0814781-7			Brazil
P811648P00	16-02-2009	PI 0908381-2			Brazil
P811653P00	04-03-2009	PI 0908557-0			Brazil
P101211CN00	01-04-1999		05-01-2005	96806872.1	China
P101211DKEP	01-04-1999	96817948.2	03-07-2002	1066393	Denmark
P100745EP00	01-03-2013	13137503.7			EPO
P80064EP10	21-07-2008	88779045.7			EPO
P81164EP10	16-02-2009	88711824.4	16-12-2015	2262827	EPO
P81165EP10	04-03-2009	88717106.6	16-09-2015	2262826	EPO
P86557EP10	17-03-2010	10708413.9			EPO
P81164PREP10	16-02-2009	88711824.4	16-12-2015	2262827	France
P81165PREP10	04-03-2009	88717106.6	16-09-2015	2262826	France
P101211DEEP	01-04-1999	98917949.2	03-07-2002	59901930.1	Germany
P81164DEEP10	16-02-2009	88711824.4	16-12-2015	2262827	Germany
P81165DEEP10	04-03-2009	88717106.6	16-09-2015	2262826	Germany
P80064IN00	21-07-2008	1083DEENP/2010			India
P81164IN00	16-02-2009	6186DEENP/2010			India
P81165IN00	04-03-2009	6214CHENP/2010			India
P101211JP00	01-04-1999		13-08-2004	3585840	Japan

 (dated and initialed by assignor)
 (dated and initialed by assignee)

AP'609701NL00 patent/patient applications in the name of Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO;
 - change of address;
 - assignment to Dutch DNA Biotech B.V.

case_number	appl_date	appl_no	reg_date	reg_no	state_name
P101211NLEP	01-04-1999	99917949.2	03-07-2002	1066393	Netherlands
P81164NLEP10	16-02-2009	09711824.4	16-12-2015	2262827	Netherlands
P81165NLEP10	04-03-2009	09717108.6	16-09-2015	2262826	Netherlands
P81164CHEP10	16-02-2009	09711824.4	16-12-2015	2262827	Switzerland
P81165CHEP10	04-03-2009	09717108.6	16-09-2015	2262826	Switzerland
P101211GBEP	01-04-1999	99917949.2	03-07-2002	1066393	United Kingdom
P81164GBEP10	16-02-2009	09711824.4	16-12-2015	2262827	United Kingdom
P81165GBEP10	04-03-2009	09717108.6	16-09-2015	2262826	United Kingdom
P101211US00	01-04-1999	091647.492	22-04-2003	6,551,797	USA
P60064US00	21-07-2008	12,669,955	14-05-2013	8,440,436	USA
P81164US00	16-02-2009	12,918,314	25-03-2014	8,679,801	USA
P81164US10	16-02-2009	14,137,785	04-02-2014	8,642,298	USA
P81165US00	04-03-2009	12,920,461	27-05-2014	8,735,100	USA
P81165US10	04-03-2009	14,147,747			USA
P66557US00	17-03-2010	13,257,255			USA
P66557US10	17-03-2010	14,253,511			USA

 (dated and initialed by assignor)
 (dated and initialed by assignee)