PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DATA					
Name Execution Date					
Thomas Jostock 04/04/2					
Hans-Peter Knopf 04/08/2011					
RECEIVING PARTY DATA					
Name: NOVARTIS AG					
Street Address:	Lichtstrasse 35				
City:	Basel				
State/Country:	SWITZERLAND				
Postal Code:	4056				
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number: 13		132035	03546		
CORRESPONDENCE DATA					
Fax Number:	Number: (973)781-8064				
Phone: 8627788462			0		
Email: pip_inbox.phchbs@novartis.com					
Priorie: 8627788462 Email: pip_inbox.phchbs@novartis.com Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.					
Correspondent Name: Linda Adams					OH OH
Address Line 1:	· ·				
Address Line 2: Address Line 4:					
ATTORNEY DOCKET NUMBER:			53521-US-PCT		
NAME OF SUBMITTER:			Linda Adams		
Total Attachments: 3 source=535321_US_PCT#page1.tif source=535321_US_PCT#page2.tif source=535321_US_PCT#page3.tif					

(joint)

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we

(1) Thomas Jostock and (2) Hans-Peter Knopf,

respectively residing at

(1) Georg-Wickram-Str. 12

79395 Neuenburg am Rhein

Germany,

and

(2) Im Winkel 1/1

D-79227 Schallstadt

Germany,

do hereby sell, assign and transfer to Novartis AG, a company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland, and its successors, assigns and legal representatives, all our right, title and interest for all countries of the world (Novartis AG hereinafter referred to as the "ASSIGNEE") in and to (1) all of our inventions and discoveries described in the patent application(s) entitled

METHODS FOR SELECTING EUKARYOTIC CELLS EXPRESSING A HETEROLOGOUS PROTEIN

filed* in the RO/ on 26 February 2010, and accorded International Patent Application Number PCT/EP2010/001223 (2) said patent application(s), (3) all national stages of said international patent application, (4) all other patent applications in all countries and regions claiming the priority of the European Procedure, patent application filed on 27 February, 2009 and accorded Application Number 09154000.5, (5) all continuations and divisions of all of said patent applications (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications"), (6) all patents that are granted on any of said patent applications, (7) all registrations and confirmations of, and importation certificates based on, one or more of said patents and (8) all reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based on said patents (including the right to file patent applications on said inventions and discoveries in the names of ASSIGNEE, their designees or in any or all of our names, at their election and in accordance with applicable law in all countries and regions and all rights of priority in all countries and regions for all of said patent applications under the International Convention for the Protection of Industrial Property, and all other applicable similar international agreements), the same to be held and enjoyed by said ASSIGNEE, their successors, assigns and legal representatives, to the full ends of the terms for which all patents therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

*We hereby authorize **ASSIGNEE** and their representatives to insert in this instrument the Application Number and the filing date of said patent application when notified thereof.

And we hereby covenant and agree that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates and supplementary protection certificates in **ASSIGNEE**, their successors, assigns or other legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute all additional patent applications, applications for registration and/or confirmation of

PATENT REEL: 027057 FRAME: 0228

one or more of said patents, applications for certificates of importation based on one or more of said patents, applications for reissues, renewals and extensions of one or more of said patents and supplemental protection certificates based upon one or more of said patents, and that we will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, the successors, assigns or other legal representatives.

This Assignment is effective as from the earliest priority date as stated above.

Executed this 04 day of APRIL <u>, 20 M</u>. Name: Thomas Jostòck L.S. Executed this \underline{OR} day of \underline{ARKLL} , 20 \underline{M} . L.S. Name: Hans-Peter Knopf

PATENT REEL: 027057 FRAME: 0229

ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to NOVARTIS AG of an invention entitled "METHODS FOR SELECTING EUKARYOTIC CELLS EXPRESSING A HETEROLOGOUS PROTEIN" signed by Thomas Jostock, Hans-Peter Knopf; this will certify that NOVARTIS AG accepts such Assignment.

NOVARTIS AG

By :

Butil

Duly Authorized Signatories

5

Sonja Bösch

Function :

Name :

Date:

12.04.2011

June Violet Mentel

PATENT REEL: 027057 FRAME: 0230

RECORDED: 10/13/2011