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ET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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06-16-05

Form PTO-1595 (Rev. 3/01) OMB No. 0651-0032 exp. 5/31/2002

To the Honorable Commissioner of

... original documents or copy thereof.

1. Name of conveying party(ies): Dario CAMPANA; Chihaya IMAI

2. Name and address of receiving party(ies) Name: St. Jude Children's Research Hospital, Inc.

Additional name(s) of conveying party(ies) attached:  Yes  No

Internal Address: Office of Technology Licensing

3. Nature of conveyance:  Assignment  Merger  Security Agreement  Change of Name  Other

Mail stop 0742

Street Address: 332 N. Lauderdale

Execution Date: June 14, 2005

City: Memphis State: TN Zip: 38105

Additional names & address(es) attached:  Yes  No

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) 11/074,525; entitled: "Expansion of NK Cells and Therapeutics Uses Thereof"

B. Patent No.(s)

Additional numbers attached:  Yes  No

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

6. Total number of applications and patent involved: 1

Name: Shawn A. Hawkins

7. Total fee (37 CFR 3.41) ..... \$ 40.00

Internal Address: St. Jude Children's Research Hospital

Enclosed

Office of Technology Licensing, Mail stop 0742

Authorized to be charged to deposit account

Street Address: 332 N. Lauderdale

8. Deposit account number:

City: Memphis State: TN Zip: 38105

501968

(Attach duplicate copy of this page if paying by deposit account)

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.

Shawn A. Hawkins Name of Person Signing

Shawn A. Hawkins Signature

6/15/05 Date

Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, DC 20231

06/24/2005 ECDOPER 00000092 501968 11074525 01 FC:8021 40.00 DA

PATENT REEL: 016706 FRAME: 0746

ASSIGNMENT

WHEREAS, we, Dario Campana, a citizen of Italy, residing at 2626 Maple Grove Cove, Germantown, Tennessee, 38139, United States of America, and Chihaya Imai, a citizen of Japan, residing at 16-3 Shinanomachi, Niigata City, Niigata 951-8152, Japan; herein below called "ASSIGNORS" have made a certain invention entitled

“Expansion of NK Cells and Therapeutic Uses Thereof”

Described in the patent application filed herewith in the U.S. Patent and Trademark Office; and

WHEREAS, **ST. JUDE CHILDREN'S RESEARCH HOSPITAL, Inc.** a Tennessee not-for-profit corporation, having a principal place of business at 332 North Lauderdale, Memphis, Tennessee 38105-2794, herein below called the "ASSIGNEE", are desirous of securing our entire right, title and interest in the said invention, application and Letters Patent, when granted, and in and to any divisions, continuations, improvements, reissues or extensions that may be made or granted thereon;

WHEREAS, ASSIGNORS have previously agreed to assign to ASSIGNEE their entire right, title and interest in any intellectual property conceived, invented, authored, or reduced to practice by as a result of their affiliation with ASSIGNEE, and in any patent applications directed to such intellectual property, including the subject invention and subject application;

NOW, THEREFORE, BE IT KNOWN, that for good and valuable consideration, the receipt of all of which is hereby acknowledged, we, the said ASSIGNORS, have set over, unto the said ASSIGNEE, its successors and assigns, our entire right, title and interest throughout the world in and to the said invention, application and Letters Patent, when granted, and in and to any divisions, continuations, improvements, reissues or extensions that may be made or granted on any of them;

TO HAVE AND TO HOLD the same to the full end of the term or terms for which said Letters Patent may be granted, as fully and completely as the same might be held by us had this sale and assignment not been made.

For the consideration aforesaid, we hereby covenant and agree to and with the said ASSIGNEE, their successors and assigns, that whenever their counsel or representative, or the counsel or representative of their successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with said application or invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of said Letters Patent is lawful, and desirable, we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of valid Letters

1-82

Patent for said invention, or for the reissue or continuation or extension of the same, and will do all acts necessary or required to secure to the said ASSIGNEE, its successors and assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense;

AND the Commissioner of Patents and Trademarks is requested to issue the said Letters Patent, when granted, in accordance with this sale and assignment.

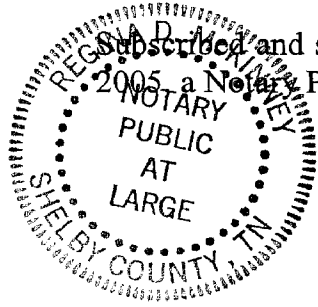
For the consideration aforesaid, we have sold, transferred and set over and by these presents do sell, assign, transfer and set over unto the said ASSIGNEE, their successors and assigns, or the nominees of any of them, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States, and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States, and in and to the invention described in said applications; and we hereby authorize and empower said ASSIGNEE and its successors, assigns or nominees, to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successors, assigns or nominees, in any or all countries where it may desire to file such application, and where said application may be filed by another than the inventor; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said invention in countries foreign to the United States, and for further investing or confirming the right and title thereto in the ASSIGNEE, their successors, assigns or nominees, without charge to said ASSIGNEE, their successors, assigns or nominees, but at their expense.



We declare under penalty of perjury under the laws of the United States of America that we have signed this document as our own free act and that all of the foregoing is true and correct.

Dated: June 14 2005

Dario Campana  
DARIO CAMPANA, ASSIGNOR



Subscribed and sworn before me in my presence, this 14 day of June, 2005, a Notary Public in and for the County of Shelby and State of Tennessee.

Regina D. McKinney  
Regina D. McKinney  
Notary Public

My commission expires: August 28, 2007

Dated: June 9, 2005

Chihaya Imai  
CHIHAYA IMAI, ASSIGNOR



Registered No. 52

NOTARIAL CERTIFICATE

This is to certify that CHIHAYA  
IMAI , signed the attached  
document in my presence on  
this 9<sup>th</sup> day of June , 2005.

*Eiichi Wada*

EIICHI WADA

Notary

1-1 Tenjin, Niigata-City,  
Japan  
Niigata Legal Affairs  
Bureau

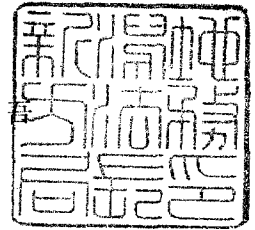
証第 25 号

証 明

この認証の付与は、在職中の公証人がその権限に基づいてしたものであり、かつ、その押印は、真実のものであることを証明する。

平成 17 年 6 月 9 日

新潟地方法務局長 井 内 省



Registration No. 25

C E R T I F I C A T E

This is to certify that the annexed Notarial Certificate has been executed by Notary Public, duly authorized and practising in Niigata, Japan, and that the Official seal appearing on the same is genuine.

Date 2005.6.9

Director of the Niigata District Legal Affairs Bureau

I u t i S e i g o

1	平成 17 年
2	認 証 乙 第 5 2 号
3	嘱 託 人 今 井 千 速
4	昭和43年10月21日生
5	前記嘱託人は本公証人の面前で、本人が別紙
6	書面に署名した
7	前記認証する
8	前記嘱託人は運転免許証を提示させてその人
9	違いでないことを証明させた
10	平成17年6月9日本公証人役場において
11	新潟県新潟市天神1丁目1番地
12	新潟公証人合同役場
13	新潟地方法務局所属
14	公 証 人 和田英一
15	
16	



和田英一

公 証 人

