

08-22-2001

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Attorney Docket
No.: 443-11U1 (053665-5010)

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Khalid S. Ishaq
Susan L. Morris-Natschke

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

The University of North Carolina at Chapel Hill
Campus Box 4105
308 Bynum Hall
Chapel Hill, North Carolina 27599-4105

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: **April 9, 2001**

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):

09/693,658, filed October 19, 2000

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

KATHRYN DOYLE, Ph.D., J.D.
MORGAN, LEWIS & BOCKIUS, L.L.P.
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6. Total number of applications and patents involved: [1]

7. Total fee (37 C.F.R. 3.41) Cal. 1 x \$40.00 = **\$40.00**

☒ Check enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: **50-0310**

(Billing No.: 053665-5010)

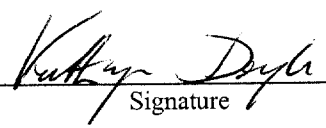
DO NOT USE THIS SPACE

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.

Kathryn Doyle, Ph.D.

Name of Person Signing


Signature

August 13, 2001

Date

Total number of pages including cover sheet, attachments and document: []

OMB No. 0651-0011 (exp. 4/94)

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PATENT
REEL: 012086 FRAME: 0262

Attorney Docket No.: 443-11U1
(53665-5010US)
JOINT

ASSIGNMENT

WHEREAS, we, Khalid S. Ishaq and Susan L. Morris-Natschke, citizens of the United States of America; with respective post office addresses 105 Hunter Hill Place, Chapel Hill, NC 27514; 1225 Martha's Chapel Road, Rt. 3, Box 184P, Apex, NC 27502, hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

COMPOSITIONS AND METHODS FOR DOUBLE-TARGETING VIRUS INFECTIONS AND TARGETING CANCER CELLS

for which we have executed a United States Patent Application No. : 09/693,658 filed October 19, 2000, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, UNIVERSITY OF NORTH CAROLINA – Chapel Hill, a not-for profit corporation having a place of business at Campus Box 4105, 308 Bynum Hall, Chapel Hill, NC 27599-4105, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives

STATE OF North Carolina :
: ss.
COUNTY OF DURHAM :

Before me, a notary public in and for the State and County aforesaid, on this 9th day of April, 2000, personally appeared Khalid S. Ishaq, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Doris Bonita Perry
Notary Public

My Commission Expires:

STATE OF North Carolina :
: ss.
COUNTY OF DURHAM :

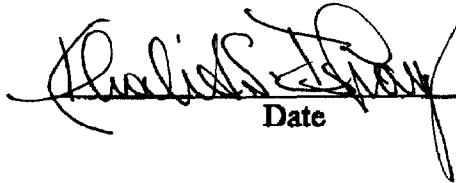
Before me, a notary public in and for the State and County aforesaid, on this 9th day of April, 2000, personally appeared and Susan L. Morris-Natschke, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Doris Bonita Perry
Notary Public

My Commission Expires:

1-PH/1377602.2

and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.


Date

4/9/2001
Khalid S. Ishaq (Seal)

04/09/01
Date


Susan L. Morris-Natschke (Seal)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Patent Application of : Group Art Unit: **1614**
Kucera *et al.* :
:
Appln. No.: 09/693,658 :
: Examiner: Not Yet Assigned
Filed: October 19, 2000 :
:
Title: COMPOSITIONS AND METHODS : Attorney Docket No.
FOR DOUBLE-TARGETING : 443-11U1 (53665-5010)
VIRUS INFECTIONS AND :
TARGETING CANCER CELLS :

CERTIFICATE OF MAILING

I hereby certify that the following documents are being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Box: Assignments, Assistant Commissioner for Patents, Washington, DC 20231, on the date indicated below.

- 1) Two Assignments
- 2) Recordation Form Cover Sheets
- 3) Assignment Filing Fee (\$80.00)

DATE: August 13, 2001

BY:


Darryl E. Pratcher

/dp