

177079
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
T CELL DIAGNOSTICS, INC.

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

2. Name and address of receiving party(ies)
 Name: **INNOGENETICS, INC.**

Street Address:
**5335 Triangle Parkway
 Norcross, Georgia 30092**

Additional name(s) & address(es) attached? Yes No

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

Execution Date: **July 9, 1999**

4. Application number(s) or patent number(s): **See attached Assignment**

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

A. Patent application No.(s) B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
**WOMBLE CARLYLE SANDRIGE & RICE
 Suite 700
 1275 Peachtree Street, N.E.
 Atlanta, Georgia 30309-3574
 (404) 872-7000
 (404) 888-7490 (fax)**

6. Total number of applications/patents involved: **[26]**

7. Total fee (37 CFR 3.41) **\$ 1,040.00**

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:
09-0528
 (Attach duplicate copy of this page if paying by Deposit Account)

08/18/1999 NTHA11 00000252 08/12/99

DO NOT USE THIS SPACE

Statement and signature: **1040.00 OP**

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.

Steven D. Kerr, Reg. #32,472

Name of Person Signing

Signature

8/12/99

Date

Docket No. **M170 1010**

Total number of pages including cover sheet, attachments, and document: **[3]**

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

ASSIGNMENT

T CELL DIAGNOSTICS, INC., a corporation organized and existing under the laws of the State of Delaware and having an office at 119 Fourth Avenue, Needham, Massachusetts 02494 (USA), owner of certain rights in and to the inventions and improvements disclosed in the patent applications listed below by virtue of previous Assignments executed by the inventors, does hereby assign, sell and transfer, for good and valuable consideration of which receipt is hereby acknowledged, to INNOGENETICS, INC., a corporation organized and existing under the laws of the State of Georgia and having an office and principal place of business at 5335 Triangle Parkway, Norcross, Georgia 30092 (USA), its successors and assigns:

(1) its entire right, title and interest in the United States and in all countries throughout the world in and to any and all inventions and improvements disclosed in the following patent applications:

<u>Country</u>	<u>Subject</u>	<u>Appln. No.</u>	<u>Date</u>	<u>Patent No.</u>
Australia	Paper Dot	70177/94	5/11/94	AU 678260
Canada	Paper Dot	2,161,650	5/11/94	
China	Paper Dot	94192039-9	5/11/94	
EPO	Paper Dot	94919128-2	5/11/94	
Japan	Paper Dot	6-525706	5/11/94	
PCT	Paper Dot	PCT/US94/05303	5/11/94	
United States	Paper Dot	08/062,442	5/14/93	US 5,747,265
United States	Paper Dot	08/553,481	5/11/94	
Australia	TRAx I	89465/91	11/1/91	AU 671072
Canada	TRAx I	2,095,626	11/1/91	
EPO	TRAx I	91920340.6	11/1/91	EP 0556272
Japan	TRAx I	4-500154	11/1/91	
PCT	TRAx I	PCT/US91/08085	11/1/91	
S. Korea	TRAx I	701361/93	11/1/91	
Singapore	TRAx I	9607457.0	4/4/96	
United States	TRAx I	07/610,494	11/7/90	US 5,426,029
United States	TRAx I	08/050,387	5/6/93	US 5,525,461
United States	TRAx I	08/432,322	5/1/95	US 5,811,525
Australia	TRAx II	54571/94	10/29/93	AU 686577
Canada	TRAx II	2,148,219	10/29/93	CA 2,148,219
EPO	TRAx II	93925154-2	10/29/93	
Japan	TRAx II	06-511400	10/29/93	
PCT	TRAx II	PCT/US93/10550	10/29/93	
United States	TRAx II	07/968,793	10/30/92	
United States	TRAx II	08/424,411	4/26/95	
United States	TRAx II	08/903,968	7/31/97	

including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor;

(2) its entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world and any renewals, revivals, reissues, reexaminations and extensions of the same; and

(3) its entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, improvements and applications.

T CELL DIAGNOSTICS, INC. further authorizes and requests the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to INNOGENETICS, INC. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by it had this assignment, sale and transfer not been made.

T CELL DIAGNOSTICS, INC. further agrees, upon the request of INNOGENETICS, INC., to execute and to deliver to T CELL SCIENCES, INC. such additional documents, if any, as are necessary or desirable to secure title to said inventions, improvements and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of INNOGENETICS, INC. under this Assignment.

EXECUTION BY ASSIGNOR:

T CELL DIAGNOSTICS, INC.

by: Una S. Ryan
name: Una S. Ryan

title: Director

ACKNOWLEDGMENT:

On this 9th day of JULY, 1999, Una S. Ryan personally appeared before me, a Notary Public in and for the Commonwealth of Massachusetts, who executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed on behalf of T CELL DIAGNOSTICS, INC. for the uses and purposes therein expressed.

Selma L. Carlson
Notary Public
my commission expires: 02/16/2001

WOMBLE
CARLYLE
SANDRIDGE
& RICE

A PROFESSIONAL LIMITED
LIABILITY COMPANY

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Dianna C. Cole
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E-mail: dicole@wcsr.com

August 13, 1999

Honorable Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Re: Recordation of Patent Conveyance Document
Our Ref. No. 39095.0001.9

Dear Sir or Madam:

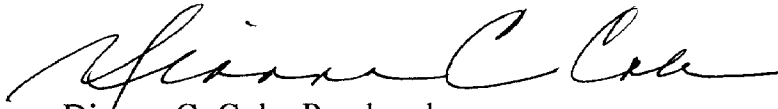
Enclosed for recording with the United States Patent and Trademark Office is a Patent Assignment effective July 9th, 1999. The enclosed conveyance document evidences an assignment of the patents listed thereon from T Cell Diagnostics, Inc. to Innogenetics, Inc.

Also enclosed is a check from our firm in the amount of \$1,040.00 in full payment of the filing fee for this recordal. The Commissioner is hereby authorized to charge any deficiency in the payment of the required fee or credit any overpayment to Account No. 09-0528.

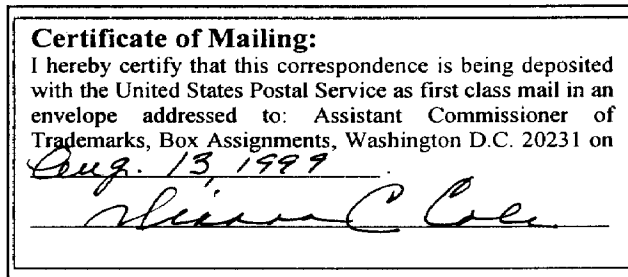
If you should have any questions with regard to the enclosed conveyance document, please feel free to contact the undersigned at the address or telephone number listed above. Thank you in advance for your prompt attention to this matter.

Very truly yours,

WOMBLE CARLYLE SANDRIDGE & RICE
A Professional Limited Liability Company


Dianna C. Cole, Paralegal
To Steven D. Kerr

/dc
Enclosure



GREENVILLE, SC / CHARLOTTE / WINSTON-SALEM / RESEARCH TRIANGLE PARK / RALEIGH / WASHINGTON, DC
ATLANTA #159101 v1

RECORDED: 08/16/1999

PATENT
REEL: 010164 FRAME: 0071

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