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Docket No. 245/153

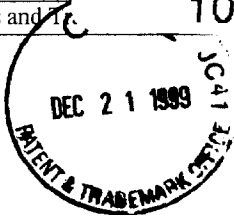
To the Honorable Commissioner of Patents and Trademarks

101235494

Documents or copy thereof.

1. Name of conveying party(ies):
 SHIV KUMAR
 SATYAM NAMPALLI
 MAHESH KHOT

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



2. Name and address of receiving party:
 Name: AMERSHAM PHARMACIA BIOTECH, INC.
 Street Address 800 Centennial Avenue
 City: Piscataway State: New Jersey Zip: 08855-1327

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

3. Nature of conveyance:
 Assignment

Execution Date: 22 November 1999; 8 December 1999

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). 09/386,576 B. Patent No(s): _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Richard J. Warburg
 Internal Address: LYON & LYON LLP
633 West Fifth Street, Suite 4700
Los Angeles, CA 90071-2066

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Charge this Deposit Account if any additional fee is required

8. Deposit Account Number: 12-2475

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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.

Wesley B. Ames Date: 15 December 1999
 Wesley B. Ames, Reg. No. 40,893

Total number of pages including cover sheet: 5

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

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Washington, D.C. 20231

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ASSIGNMENT

For valuable consideration, we, Shiv, Kumar of Belle Mead, New Jersey and a citizen of the U.S.A.; Satyam, Nampalli of Belle Mead, New Jersey and a citizen of the U.S.A. and Mahesh, Khot of Edison, New Jersey and a citizen of the U.S.A. (hereinafter referred to as "Assignors") hereby assign to Amersham Pharmacia Biotech, Inc., a corporation organized and existing under and by virtue of the laws of the State of New Jersey and having its principal place of business at 800 Centennial Avenue, P.O. Box 1327, Piscataway, New Jersey 08855-1327, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent filed August 30, 1999, U.S. Serial No. 09/386,576 and related applications and patents, entitled **ENERGY TRANSFER DYES**, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, including all divisions, continuations, reissues, continuations-in-part and extensions thereof, and the right to claim priority based on the filing date of said application and based on the filing date of any provisional application of which said application claims the benefit under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation, upon request to perform such lawful acts, to promptly provide Assignee with all pertinent facts and documents relating to said invention or application as may be known and accessible to us, to testify in any interference or litigation related to said invention or application and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

The Assignors hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Agreement.

WITNESS my hand at Piscataway, NJ,
this 8th day of December, 1999.

Shiv Kumar
Shiv, Kumar

STATE OF New Jersey)
COUNTY OF Middlesex) ss

On 12/8/99 before me, Donna E. Bibbo, personally appeared
Shiv, Kumar

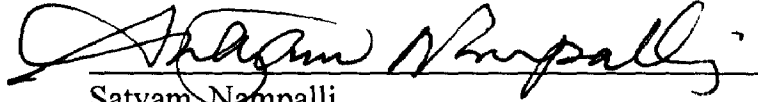
personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


Donna E. Bibbo
Notary Public in and for said County and State

DONNA E. BIBBO
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 7/2/2002

WITNESS my hand at Piscataway, NJ
this 22 day of November, 1999.


Satyam, Nampalli

STATE OF NJ)
) ss 2214081
COUNTY OF MONMOUTH)

On 11/22/99 before me, , personally appeared
Satyam, Nampalli

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public in and for said County and State

WITNESS my hand at Piscataway, NJ
this 8th day of December, 1999.

Mahesh
Mahesh, Khot

STATE OF New Jersey)
) ss
COUNTY OF Middlesex)

On 12/8/99 before me, Mahesh, Khot, personally appeared
Mahesh, Khot

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Donna E Bibbo
Notary Public in and for said County and State

DONNA E. BIBBO
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 7/2/2002