

09-17-2001

Docket No. 59172/JPW/GJG



FORM PTO-1595 (Substitute)
(Rev. 8-96)

101844811

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):
Howard J. Worman and
Birgit Terjung
Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies):
Name: The Trustees of Columbia University
in the City of New York
Internal Address: _____
Street Address: West 116th Street and Broadway

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date(s): June 18, 2001 and
June 28, 2001

City/State/Zip: New York, New York 10027
Additional name(s) & 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(s) of the application is(are):
A. Patent Application No.(s) U.S. Serial No.:
09/882,325, filed June 15, 2001

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

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: John P. White
Internal Address: COOPER & DUNHAM LLP
Street Address: 1185 Avenue of the Americas
City/State/Zip: New York, New York 10036

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR §3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
03-3125

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.
John P. White
Name of Person Signing
Signature Reg. No. 28,678
September 6, 2001
Date

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231
John P. White
Reg. No. 28,678
Date 9/6/01

Total Number of pages including cover sheet, attachments and document: 3

OMB No 0651-0011 (exp 4/94)

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

09/14/2001 L MELLER 0000119 033125 09082325 40.00 CH 01 FT:581

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

Howard J. Worman residing at 121 Reade Street, Apt. 7D, New York, NY 10013
and
Birgit Terjung residing at Gut Capellen 4, Swisttal 53913, Germany

Hereby sell, assign and transfer to The Trustees of Columbia University in
the City of New York a corporation of the State of

New York having a place of business at West 116th Street & Broadway
in the County of New York and State of New York 10027

its successors, assigns and legal representatives, the entire right, title and interest
for all countries, in and to any and all inventions which are disclosed and claimed,
and any and all inventions which are disclosed but not claimed, in the application for
United States Patent, which has been executed by the undersigned on June 18, 2001
and is entitled and June 28, 2001

NUCLEAR ENVELOPE PROTEIN RECOGNIZED BY ATYPICAL p-ANCA IN
PATIENTS WITH INFLAMMATORY BOWEL DISEASE AND AUTOIMMUNE
LIVER DISEASE

(U.S. Serial No. 09/882,325, filed June 15, 2001)

and in and to said application and all divisional, continuing, substitute, renewal,
reissue, and all other applications for U.S. Letters Patent or other related property
rights in any and all foreign countries which have been or shall be filed on any of
said inventions disclosed in said application; and in and to all original and reissued
patents or related foreign documents which have been or shall be issued on said
inventions;

Authorize and request the Commissioner of Patents of the United States to issue
to said Assignee, the corporation above named, its successors, assigns and legal
representatives, in accordance with this assignment, any and all United States
Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: Aug 8 2001
Witness: Aileen Smalls [signature]
Aileen Smalls [printed name]
196 Edgecombe Ave [address]
NYC NY 10032

[Signature] [L.S.]
Howard J. Worman

Date: 6-28-01 20
Witness: B. L. S. [signature]
Dr. Bettina Langhaus [printed name]
Karl-Arnold-Str 8 [address]
D-53225 Bonn, Germany

[Signature] [L.S.]
Birgit Terjung