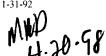
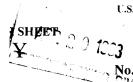
FORM PTO-1595 (Modified)



05-12-1998



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No.: 9924-4US (WST71USA)

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Christopher L. Karp and Diane E. Griffin Johns Hopkins University 2024 East Monument Street Suite 2-100 Baltimore, MD 21205 3. Nature of conveyance: [x] Assignment] Merger Security Agreement Change of Name Other: Execution Date: 3/31/98 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: N/A A. Patent Application No.(s): 09/019,862 - (2/6/98) B. Patent No.(s): Additional numbers attached? []Yes []No Name and address of party to whom correspondence 6. Total number of applications and patents involved: [1] document should be mailed: KATHRYN DOYLE LEARY, Ph.D., J.D. 7. Total fee (37 CFR 3.41) Cal. $1 \times 40.00 = 40.00$ PANITCH SCHWARZE JACOBS & NADEL, P.C. One Commerce Square - 2005 Market Street - 22nd Fl. Philadelphia, PA 19103-7086 [] Enclosed [x] Authorized to be charged to deposit account Telephone: (215) 567-2020 - Direct No. 215-965-1284 Facsimile: (215) 567-2991 E-Mail: kdl@psjn.com 8. Deposit account number: 16-0235 7/07/1998 DCDATES 00000099 160235 09019862 DO NOT USE THIS SPACE FC:581 40.00 CH 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 Leary, Ph.D., J.D. Name of Person Signing Total number of pages including cover sheet, attachments and document: [4] OMB No. 0651-0011 (exp. 4/94)

JOINT

ASSIGNMENT ENEL

WHEREAS, we, Christopher L. Karp and Diane F. Griffin, respectively citizens of United States, with respective post office addresses of 9383 Breamore Court, Baltimore, Maryland 20729 and 6 Chris Eliot Court, Hunt Valley, Maryland 21030, hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

METHODS AND COMPOSITIONS FOR THE INHIBITION OF INTERLEUKIN-12 PRODUCTION

for which we have executed a United States patent application, Application No. 09/019,862, filed February 6, 1998, 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, Johns Hopkins University, a Maryland corporation having a place of business at 2024 E. Monument Street, Suite 2-100, Baltimore, MD 21205, 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;

> PATENT REEL: 9150 FRAME: 0872

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 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.

7/3/1/8	(Seal)
(Date)	CHRISTOPHER L. KARP
3/31/98	Diane (Seal)
(Date) 4/1/98	DIANE F. GRIFFIN
STATE OF Maryland	_: Deane C. Suff
COUNTY OF Boltimore	: SS. :

Notary Public

My Commission Expires:

Judith A. Archambault, Notary Public Baltimore County State of Maryland

My Commission Expires Nov. 1, 1999

state of Maryland:
Before me, a notary public in and for the State and County aforesaid, on this 157 day
of, 1998, personally appeared Diane F. Griffin , 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.
Notary Public
My Commission Expires: My Commission Expires: Baltimore County State of Maryland My Commission Expires Nov. 1, 1999