· habak	10-24-2005 Docket No. 71308-A/JPW/AJM/
FORM DTO 4505 (Cubatituta)	LS DEPARTMENT OF COMMERCE
(Rev. 8-96)	Patent and Trademark Office
To the Honorable Commissioner of Patents and Tradema	103105542 ; or copy thereof.
1. Name of conveying party(ies):	The Trustees of Columbia University
Jan Kitajewski Carrie Shawber	Name: in the City of New York
Yasuhiro Funahashi	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: West 116th Street and Broadway
3. Nature of Conveyance:	City/State/Zip: New York, New York 10027
X Assignment Merger Security Assignment Change of Name Other	
Execution Date(s): 10/12/05; 10/12/05; 10/12/05	Additional name(s) & address(es) attached? Yes X No
Application number(s) or patent number(s): If this document is being	ng filed together with a new application, the execution date(s) of the
application is (are):	1
A. Patent Application No.(s) 11/114,962	B. Patent No.(s)
filed April 26, 2005	OPR G
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	- C
Additional numbers a	ttached? Yes X No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: John P. White	7. Total fee (37 CFR §3.41):
Internal Address:	Enclosed
Street Address: Cooper & Dunham LLP	
1185 Avenue of the Americas	Authorized to be charged to deposit account
City/State/Zip: New York, New York 10036	8. Deposit account number:
	03-3125
	03-3123
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Alan J. Morrison	October 17, 2005
Name of Person Signing Reg. No.37,399	Signature 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: Mail Stop Assignment Recordation Services Commissioner of Patents, P.O. Box 1450 Alexandria, VA 22313-1450	Total Number of pages including cover sheet, attachments and document: 4
- 10/17/0,-	1
Alan J. Morrison Date	
Reg. No.37,399 OMB No. 0651-0011 (exp. 4/94)	
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FC:8021 40.00 DA	

PATENT REEL: 017103 FRAME: 0300

Assignment

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

Jan Kitajewski residing at 323 Hillcrest Road, Ridgewood, NJ 07450; Carrie Shawber residing at 418 Beech St., Township of Washington, NJ 07676; Yasuhiro Funahashi residing at 235 West 48th St., Apt. 19J, NY, NY 10036.

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, New York 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 10/12/05; and is entitled

NOTCH-BASED FUSION PROTEINS AND USES THEREOF (U.S. Serial No. 11/114,962, filed April 26, 2005, claiming priority of U.S. Provisional Application No. 60/566,877, filed April 29, 2004)

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;

PATENT REEL: 017103 FRAME: 0301

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 \$43 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 oallis, 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

Cobenant 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: 200) Wisness: Dave [Use signature] Wisness: Division Springer name] Wisness: Division Springer name]	Jan Kitajaski
Date: 10 12 2005 Witness: Din sa Evul Highand (136 W 1681 St Iprinted name) [VV NV 1603 laddress]	Carrie Shauber

PATENT REEL: 017103 FRAME: 0302

Date: 10/12/05 12 20;	yesehin dinahashi
Wisness: MIN Confessioner (630 W 168 Springer name)	Yasuhiro Punahaghi
Date:	
Date:20 Witness:	
Date:20 Witness:	
Date:	<i>[IL.S.]</i>
Date:	

RECORDED: 10/20/2005