FORM PTO-1595 (Substitute)	Docket No. S3372/JPW/MS ET U.S. DEPARTMENT OF COMM
(Rev. 8-96)	JUN 2 1998 Patent and Trademark
To the Honorable Commissioner of Pi Name of conveying party(les) 1007496	ed original documents or copy thereof.
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David A. Horne and	The Trustees of Columbia Universit
Kenichi Yakushijin	Name in the City of New York
	Internal Address
Additional name(s) of conveying party(ies) attached?	Street Address: West 116th Street and Broadwa
Yes X No	Street Address: West Froen Street and Stodena
3. Nature of Conveyance:	
	City/State/Zip New York, New York 10027
Assignment Merger	
Security Agreement Change of Name	
U Other	
Execution Date(s):April 16, 1998	Additional_name(s) & address(es)_attached? Yes X No
4 Application number(s) or patent number(s): If this document is application is (are): April 16, 1998	being filed together with a new application, the execution date(s) of
A. Patent Application No.(s)	B. Patent No (s)
Additional numbers atta	ached? Tyes 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) \$ <u>40.00</u>
Internal Address: <u>Cooper & Dupham LLP</u>	
Street Address: <u>1185 Avenue of the Americas</u>	
	X Authorized to be charged to deposit account
City/State/Zip: New York, New York 10036	8. Deposit account number
	()3-3125
DO NOT L	JSE THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing info	ormation is true and correct and any attached copy is a true copy o
original document.	MCN 64
John P. White	ht - While June 9, 1998
	nature Date a. 28,678
	O, 20,070 Total Number of pages including cover sheet, attachments and
i hereby certify that this correspondence is being deposited this date with the U.S. Poctal Service with sufficient	document:4
U.S. Poctal Service with sufficient postage as first class mall in an	
envelope addressed to: Assistant Commissioner for Patients	
Washington, D.C. 20231.	
Art Strute 619198	
John P. White Date	
1.28674	
OMB No. 0651-0011 (exp. 4/94)	(
998 SSNTH 00000260 033125 M09096748hents to be recorded	with required cover sheet information to
220 DOUT III AAAAAFAA AAAAFAA	Detects and Tradomatics
Commissioner of	Assignments

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, David A. Horne, residing at 560 Riverside Drive, Apartment 16L, New York, New York 10027 and Kenichi Yakushijin, residing at 560 Riverside Drive, Apartment 15E, New York, New York 10027,

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 Broadway and West 116th Street in the County of New York 10027 and State of New York, U.S.A. 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 April 16, 1998 and is entitled

INTERMEDIATES FOR THE SYNTHESIS OF DEBROMOHYMENIALDISINE AND PROCESSES THEREOF

(U.S. Serial No. 09/016.748, filed January 30, 1998)

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 Assignce 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 aboresaid United States patent application under the provisions of the International Convention of \$\$\$3 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

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: 4-16-98 Witness: Kosc^ KIRSTEN ROOD 540 RIVERSIDE DR Date: Witness: Ł IR STELL ROOD LIVERSIDE 560 NIM NY 10027

Low Atome [LS.]

David A. Horne

[[.S.]

Kenichi Yakushijin