Form P. O-1595 RF	$\frac{17-2001}{T}$ u.s.department of commerce
	B): 05/01 (1921)01/01 (1911 91/07 (21/08)1/1) (1921 1921
(Rev. 6/93) OM ₁ · No. 0651-0011 (exp. 4/94)	Patent And Trademark Offic
To the Honorable Commissioner of Patents and Tradema	101814937 ppy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
1. Li Deng	Name: Brandeis University
Z. Foliggang Chen	
3. Shikai Tian	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes	No -
	Street Address: 415 South Street
Assignment Merger	City: Waltham State: MA Zip 02454-
Security Agreement Change of Name	9110
Other	Additional name(s) & addresses attached? Yes No
Execution Date: 1. August 7, 2001	Additional name(s) & addresses attached.
2. August 7, 2001	
3. August 7, 2001	
4. Application number(s) or patent number(s): If this document is being filed together with a new applica	tion, the filing date of the application is:
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A. Patent Application No.(s) 09/825,167	B. Patent No.(s):
Additional m	where attached? Vec M No
	embers attached? Yes No Print 6. Total number of applications and patents involved (1)
5. Name and address of party to whom correspondence concedecument should be mailed:	
Name and address of party to whom correspondence conc document should be mailed: Name: Foley Hoag	6. Total number of applications and patents involved (1)
Name and address of party to whom correspondence concluded document should be mailed:	6. Total number of applications and patents involved (1)
Name and address of party to whom correspondence conc document should be mailed: Name: Foley Hoag	6. Total number of applications and patents involved (1)
Name and address of party to whom correspondence concluded document should be mailed: Name: Foley Hoag Internal Address: Patent Group	6. Total number of applications and patents involved (1)
Name and address of party to whom correspondence concluded document should be mailed: Name: Foley Hoag Internal Address: Patent Group	7. Total Fee (37 CFR 3.14)\$\frac{40.00}{20.00}
Name and address of party to whom correspondence concluded document should be mailed: Name: Foley Hoag Internal Address: Patent Group	7. Total Fee (37 CFR 3.14)
Name and address of party to whom correspondence concluded document should be mailed: Name: Foley Hoag Internal Address: Patent Group Street Address: One Post Office Square City: Boston State: MA ZIP 0216	7. Total Fee (37 CFR 3.14)
5. Name and address of party to whom correspondence concidocument should be mailed: Name: Foley Hoag Internal Address: Patent Group Street Address: One Post Office Square City: Boston State: MA ZIP 0216	7. Total Fee (37 CFR 3.14)
5. Name and address of party to whom correspondence conceded document should be mailed: Name: Foley Hoag Internal Address: Patent Group Street Address: One Post Office Square City: Boston State: MA ZIP 0216	7. Total Fee (37 CFR 3.14)
5. Name and address of party to whom correspondence concidence document should be mailed: Name: Foley Hoag Internal Address: Patent Group Street Address: One Post Office Square City: Boston State: MA ZIP 0216 17/2001 TDIA21 00000011 09825167 FC:581 40.00 09	7. Total Fee (37 CFR 3.14)
5. Name and address of party to whom correspondence concidence document should be mailed: Name: Foley Hoag Internal Address: Patent Group Street Address: One Post Office Square City: Boston State: MA ZIP 0216 17/2001 TDIA21 00000011 09825167 FC:581 40.00 00	7. Total Fee (37 CFR 3.14)
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5. Name and address of party to whom correspondence conceded document should be mailed: Name: Foley Hoag Internal Address: Patent Group Street Address: One Post Office Square City: Boston State: MA ZIP 0216 17/2001 TDIAZ1 00000011 09825167 FC:581 40.00 0	7. Total Fee (37 CFR 3.14)
5. Name and address of party to whom correspondence concidence document should be mailed: Name: Foley Hoag Internal Address: Patent Group Street Address: One Post Office Square City: Boston State: MA ZIP 0216 17/2001 TDIAZ1 00000011 09825167 FC:581 DO 9. Statement and signature. To the best of my knowledge and belief, the foregoing info	7. Total Fee (37 CFR 3.14)
5. Name and address of party to whom correspondence concidence document should be mailed: Name: Foley Hoag Internal Address: Patent Group Street Address: One Post Office Square City: Boston State: MA ZIP 0216 17/2001 TDIAZ1 00000011 09825167 FC:581 DO 9. Statement and signature. To the best of my knowledge and belief, the foregoing info	7. Total Fee (37 CFR 3.14)
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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

ASSIGNMENT

We, Li Deng of Waltham, MA, Yonggang Chen of Waltham, MA and Shikai Tian of Waltham, MA for valuable consideration received from Brandeis University, a corporation of the state of Massachusetts, having its principal place of business at 415 South Street, Waltham, MA 02454-9110, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

BRANDEIS UNIVERSITY

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

"Catalytic Asymmetric Desymmetrization of Meso Compounds"

described in application Serial No. 09/825,167 filed on April 3, 2001 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand this 11/h day of August	, 2001.
	y: 12. OV
	Li Deng
Then personally appeared the above-named Li D to be his free act and deed, before me, this	nd acknowledged the foregoing instrument day of <i>August</i> , 2001.
	Sherel M. Assenbera
	Silery Win Green berg, Ph.D.
	Director
 -	Offigen of statelle ctuals Property
	and Technology Transfer

20/455211.1

PATENT REEL: 012069 FRAME: 0174

Then personally appeared the above-named Shikai Tian and acknowledged the foregoing instrument to be his free act and deed, before me, this _______, and _________, 2001.

Single Mai Greenberg Ph.D.

Office of Intellectual Property
and Technology Transfer

20/455211.1

PATENT REEL: 012069 FRAME: 0175

U.S. SERIAL NUMBER: 09/825,167