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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 thereto:	
Name of conveying party(ies):	Name and address of receiving party(ies):	
he University of Iowa Research Foundation 4.25.03	Name: Massachusetts Institute of Technology	
	Internal Address:	
additional name(s) of conveying party(ies) attached?Yes _X_No		
3. Nature of conveyance:		
Assignment Merger	Street Address: Five Cambridge Center, Room NE25-230	
Security Agreement Change of Name	City: <u>Cambridge</u>	
X Other: Corrective Assignment to correct error of the Assignment recorded on June 5, 2002 at Reel 12962, Frame 190.	State/Country: Massachusetts ZIP: 02142	
Note: Assignor only assigns 50% interest to Assignee.		
Execution Date: May 22, 2002	Additional name(s) & address(es) attached? _ Yes _ X No	
4. Application number(s) or patent number(s):		
If the document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No(s). 08/911,908 Filed: August 15, 1997	B. Patent No(s) 6,154,877	
Additional numbers attached? 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: $\underline{1}$	
Name: FLESHNER & KIM, LLP	7. Total fee (37 C.F.R. 3.41)	
Internal Address:	X Enclosed (Check No. 9343)	
	Authorized to be charged to deposit account	
Street Address: P. O. Box 221200	8. Deposit account number:	
	<u>16-0607</u>	
City: Chantilly State: VA ZIP: 20153-1200		
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and offreelf and any attached copy is a true copy of the original document.		
Mark L. Fleshner, Reg. No. 34,596 Name and Registration No. of Person Signing	April 25, 2003 Signature Date	
Total number of pages including cover sheet: 2		
CMB No. 0851-0011 (exp. 4/94)		

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ASSIGNMENT

WHEREAS, The University of Iowa Research Foundation, (hereinafter called "Assignor") is the owner in entirety by assignment duly recorded in the United States Patent and Trademark Office at the Reel and Frame(s) indicated below of the following United States Letters Patent(s) and/or patent application(s) (hereinafter called "Patent Properties"):

Application or Patent Number and Date of Filing or Issue	Named <u>Inventors</u>	Reel/ <u>Frame</u>
U.S. Patent No. 6,154,877	RAMKUMAR, Balkrishna and STRMUPEN, Volker	9090/0525

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, Massachusetts Institute of Technology, (hereinafter called "Assignee"), is desirous of acquiring an undivided interest in half of Assignor's right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any confirmations, divisions, continuations, reexaminations, reissues or extensions of the same:

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), to Assignor in hand paid by Assignee, and for other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors and assigns, an undivided interest in half of Assignor's right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties, and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States, resulting from said Patent Properties and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof, to Assignor and Assignee.

PATENT REEL: 013998 FRAME: 0311 power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment is effective as of the Aday of Assignment is effective as of the Signature

Witness

W. Bruce Wheaton, Ph.D.

Typewritten Name of Officer

Title of Officer

Executive Director & Secretary

Assignor hereby grants the firm of FLESHNER & KIM, LLP of Chantilly, Virginia the