	11-18	J-1998		
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To the Honorable commissioner of Pa	10090	01848		
Please record the attached original				· · · · · · · · · · · · · · · · · · ·
1. Name of conveying party(ies): Tat-Jen Cham		Name:	ess of receiving party(ies):	
James M. Rehg			Digital Equipment Corporatio 20555 S.H. #249	n
William William		City:	Houston,	
		State:	Texas 77070	
Additional name(s) of conveying			2	
party(ies) attached?Yes	X No		40	` = 。
			S.S.	5 = 6
3. Nature of conveyance: X Assignment	11-2-90	1	3 u s	
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Merger			j	
Security Agreement				
Change of Name		A 111/2* 1	\ 0 11 \ \ \ \ \ \	
Other		Additional name(s	, ,	
Execution Date: November 3, 1998		attached?	tesNo	
4. Application number(s) or patent nur	nher(s)·	<u> </u>		
in appareum number(s) or putern mu	noor(b).			
If this document is being filed toget date of the application is: November		pplication, the execu	ution	
A. Patent Application No.(s)		B. Patent No.	(s)	
09 185279 Additional numbers attached				
Additional numbers attached		? Yes	No	
5. Name and address of party to whom		6. Total number of		
correspondence concerning document should be		patents involved		
mailed:		parents m. o., ou		
		7. Total fee (37 CF	R 3.41)\$40.00	
Name: A. Sidney Johnston		En	closed	
		Δ1	uthorized to be charged to depo	cit
Street Address: 3 Rowes Wharf			count	SIL
Citru Donton States MA	7: 02110	8. Deposit account	no. 03-1237 (Attach duplicate	
City: Boston State: MA	Zip: 02110		e if paying by deposit account)	
<u> </u>			,	
11/16/1998 PALLEN 00000052 09185279	DO NOT US	SE THIS SPACE		
E FC:581 40.00 BP)			
9. Statement and signature.	/			
To the best of my knowledge and belief, the	foregoing informat	ion is true and correct a	nd any attached conv is a true	
copy of the original document.	J G - 11 G 11 J V 11 MAR	1	wy war every to a st ac	
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A. Sidney Johnston Name of Person Signing	Signature	in	Date	
rame of reison signing	DIGITALIA	Total nun	ber of pages comprising cover sheet: 1	

PATENT REEL: 9581 FRAME: 0763

<u>ASSIGNMENT</u>

WHEREAS, We, *Tat-Jen Cham and James M. Rehg*, are joint inventors of "*Multiple Mode Probability Density Estimation with Application to Sequential Markovian Decision Processes*", application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, DIGITAL EQUIPMENT CORPORATION, a corporation created and existing under and by virtue of the laws of the Commonwealth of Massachusetts, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to DIGITAL EQUIPMENT CORPORATION, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by DIGITAL EQUIPMENT CORPORATION for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to DIGITAL EQUIPMENT CORPORATION, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to DIGITAL EQUIPMENT CORPORATION, its successors, assigns, or other legal representatives and that if DIGITAL EQUIPMENT CORPORATION, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to DIGITAL EQUIPMENT CORPORATION, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when

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requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.
EXECUTED THIS 3 day of Nov, 1978. Tat-Jen Cham
COMMONWEALTH OF MASSACHUSETTS § COUNTY OF Middle Sey §
BEFORE ME, the undersigned authority, on this day personally appeared <i>Tat-Jen Cham</i> , known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.
GIVEN UNDER MY HAND and seal of office this 31d day of November, 199.8
JEANNINE K MYERS Notary Public in and for the Commonwealth Of Massachusetts My Commission Expires Sept 22, 2000 *********************************
EXECUTED THIS 3 day of Nov., 1998. James M. Rehg
COMMONWEALTH OF MASSACHUSETTS § COUNTY OF MASSACHUSETTS §
BEFORE ME, the undersigned authority, on this day personally appeared <i>James M</i> . <i>Rehg</i> , known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.
GIVEN UNDER MY HAND and seal of office this 3 day of Notary Public in and for the Commonwealth of Massachusetts

JEANNINE K. MYERS
Notary Public
Commonwealth Of Massachusetts
My Commission Expires Sept 22, 2000

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RECORDED: 11/03/1998