03-14-2002

Atty Dkt No.: MIT-086AUS

U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01) (Rev. 03/01) (Rev. 03/01) 1020 (Rev. 03/01) (Rev. 03/01) (Rev. 03/01) (Rev. 03/01) (Rev. 03/01)	U.S. Patent and Trademark Office	
Tab settings Trapent	<u> </u>	
	s: Please record the attached original documents or copy thereof.	
Name of conveying party(ies): Pena-Mora, Feniosky	Name and address of receiving party(ies)	
	Name: <u>Massachusetts Institute of Technology</u>	
Park, Moonseo 3.5'12	Internal Address:	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No		
3. Nature of conveyance:		
🛣 Assignment 🗆 Merger	Street Address: 77 Massachusetts Avenue	
☐ Security Agreement ☐ Change of Name	Street Address: 11 Massachuseus Avenue	
☐ Other		
_ 0000	City: Cambridge State: MA Zip: 02139	
2/15/02, 2/16/02		
Execution Date:	Additional name(s) & address(es) attached? Yes No	
Application number(s) or patent number(s):		
If this document is being filed together with a new app	olication, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
10/068,119		
	attached? Yes X No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1	
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$_40.00	
Name: Daly, Crowley & Mofford, LLP	IXI Enclosed	
Internal Address:		
	☐ Authorized to be charged to deposit account	
	8. Deposit account number:	
275 Turapiko Street, Suite 101		
Street Address: 275 Turnpike Street, Suite 101	500845	
	(Attach duplicate copy of this page if paying by deposit account)	
City: <u>Canton</u> State: <u>MA</u> Zip: <u>02021-231</u>		
DO NOT USE THIS SPACE		
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information is the bast of my knowledge and belief, the foregoing information is the bast of my knowledge and belief, the foregoing information is the bast of my knowledge.		
is a true copy of the original document. Kermit Robinson Reg. No.48,734	Virginia Pata 26, 2003	
Name of Parson Signing	Signature 7	
Total number of pages including o	cover sheet, attachments, and documents:	

Mal documents to be recorded with required cover sheet inf

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Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

Whereas we, the undersigned, Feinosky Peña-Mora and Moonseo Park, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: DYNAMIC PLANNING METHOD AND SYSTEM, identified as Attorney Docket No. MIT-086AUS, which application was filed on February 7, 2002. and assigned Application No.10/068,119. In the event that the filing date and/or Application No. are not entered above at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton, MA 02021-2310, to insert above the filing date and/or Application No. of said application.

Whereas, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a Massachusetts corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable. under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

PATENT REEL: 012658 FRAME: 0285

MIT Case No. 9186S

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to my name.

Dated: 72615, 2002	Friorly Plia
	Feniosky Peña-Mora

On this 15 day of Feb, , 2002, before me appeared Feniosky Peña-Mora, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed. First Witness

On this 15 day of FEB, 2002, before me appeared Feniosky Peña-Mora, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

PATENT

Attorney Docket No.: MIT-087PUS

MIT Case No. 9186S

	Moonseo Park
and known to me to be t	y of, 2002, before me appeared Moonseo Park, to me known he person described in and who executed the foregoing instrument, and he to be his free act and deed.
	First Witness
and known to me to be t	y of, 2002, before me appeared Moonseo Park, to me known the person described in and who executed the foregoing instrument, and he to be his free act and deed.
	Second Witness

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ASSIGNMENT

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- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

PATENT REEL: 012658 FRAME: 0288

- 4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
- 5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to my name.

Dated:	Feniosky Peña-Mora
1 and Impount to me	y of, 2002, before me appeared Feniosky Peña-Mora, to me to be the person described in and who executed the foregoing instrument, e same to be his free act and deed.
	First Witness
. 11	ay of, 2002, before me appeared Feniosky Peña-Mora, to me e to be the person described in and who executed the foregoing instrument, ne same to be his free act and deed.
	Second Witness

-2-

PATENT Atty. Docket No. MIT-086AUS Client Case No. 9185S

Dated: 16 Feber		
Moonseo Park		
On this 16 day of Fell and known to me to be the person described acknowledged the same to be his free act	, 2002, before me appeared Moonseo Park, to me known libed in and who executed the foregoing instrument, and he t and deed. Limburg	
On this 16 day of Elman and known to me to be the person descriacknowledged the same to be his free act	, 2002, before me appeared Moonseo Park, to me known ibed in and who executed the foregoing instrument, and he t and deed. GEORGE OFOR I Second Witness	
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RECORDED: 03/05/2002

PATENT REEL: 012658 FRAME: 0290