rom	110	7-1222	(Kev.	06/04	9	
OMB	No.	0651-	0027	(exp.	6/30/	2005)



To the Director of the U.S. Patent and Trademark Office: Ple	ase record the attached documents or the new address(es) be	
1. Name of conveying party(ies)/Execution Date(s) Pivush Garvali Pratap Parashuram	2. Name and address of receiving party(ies) Name: Honeywell International Inc.	S. P
Piyush Garyali Pratap Parashuram Ziad M. Kaakani Elliott H. Rachlin		
Keijo J. Manninen Jethro F. Steinman	Internal Address:	2975
Vivek B. Varma		<u>ĕ</u> Ŧ
Execution Date(s)June 17, 2005; June 20, 2005; June 24, 200	Slieer Address.	
Additional name(s) of conveying party(ies) attached		
3. Nature of conveyance:		
Assignment Merger	City: Morristown	
Security Agreement Change of Name	State: New Jersey	
Government Interest Assignment		
Executive Order 9424, Confirmatory License	Country: <u>U.S.A.</u> Zip: <u>07962</u>	
Other	Additional name(s) & address(es) attached? Yes	
	B. Patent No.(s)	
Additional numbers a 5. Name and address to whom correspondence	ttached? ☐Yes ✓No 6. Total number of applications and patents involved: 1	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed:	ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Anthony Miologos	ttached? Yes ✓No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Anthony Miologos</u> Internal Address: <u>Honeywell Process Solutions</u> Law Department/Intellectual Property	ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Anthony Miologos Internal Address: Honeywell Process Solutions	ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card ✓ Authorized to be charged to deposit account	 t
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Anthony Miologos</u> Internal Address: <u>Honeywell Process Solutions</u> Law Department/Intellectual Property	ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Anthony Miologos Internal Address: Honeywell Process Solutions Law Department/Intellectual Property Street Address: 101 Columbia Road	ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card ✓ Authorized to be charged by credit card ✓ Authorized to be charged to deposit accoun Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Anthony Miologos Internal Address: Honeywell Process Solutions Law Department/Intellectual Property Street Address: 101 Columbia Road City: Morristown	ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card ✓ Authorized to be charged by credit card ✓ Authorized to be charged to deposit accoun Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Anthony Miologos Internal Address: Honeywell Process Solutions Law Department/Intellectual Property Street Address: 101 Columbia Road City: Morristown State: New Jersey Zip: 07962	ttached? Yes 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit accoun Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Anthony Miologos Internal Address: Honeywell Process Solutions Law Department/Intellectual Property Street Address: 101 Columbia Road City: Morristown State: New Jersey Zip: 07962 Phone Number: (602) 313-5683	ttached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card ✓ Authorized to be charged by credit card ✓ Authorized to be charged to deposit accoun Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Anthony Miologos Internal Address: Honeywell Process Solutions Law Department/Intellectual Property Street Address: 101 Columbia Road City: Morristown State: New Jersey Zip: 07962 Phone Number: (602) 313-5683 Fax Number: Email Address: 9. Signature: WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	ttached? Yes 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit accoun Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number	
Additional numbers a 5. Name and address to whom correspondence concerning document should be mailed: Name: Anthony Miologos Internal Address: Honeywell Process Solutions Law Department/Intellectual Property Street Address: 101 Columbia Road City: Morristown State: New Jersey Zip: 07962 Phone Number: (602) 313-5683 Fax Number: Email Address:	ttached? Yes 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit accoun Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number	

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Assignment before issue of Letters Patent

Honeywell File H0006879 US

WHEREAS, Piyush Garyali, Ziad M. Kaakani, Koijo J. Manninen, Pratap Parashuram, Elliott H. Rachlin, Jethro F. Steinman, and Vivek B. Varma

(hereinafter "Assignor") have invented certain new and useful improvements in

DETERMINISTIC RUNTIME EXECUTION ENVIRONMENT AND METHOD

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

	IN TESTIMONY WI	HEREOF, I have hore	anto set my i	hand this		day of	, 20
			Piyu	sh Garyali			
	STATE OF)) \$\$.:			
	COUNTY OF)			
		On this	day of		, 20	before me	personally appeared
	to me known and kno	own to me to be the in	dividual		Described in and	f who executed the f	foregoing instrument.
	and he	acknowledged to	me that	He	Executed the	same.	
	[SEAL]						Notary Public
••••	·····			My commis	sion expires:		

Page 2 - H0006879 USA

IN TESTIMONY W	HEREOF, I have hereunto set my h	and this	17	day of June	,20 05
	Ziad	M. Kaakani	M. Kacks	14-	
STATE OF	norecopa)			
COUNTY OF) 55.;)		_	
	On this 17 day of	June	, 20 Ø	before me personally	appeared
	own to me to be the individual			who executed the foregoing is	astrument,
and — he -	 acknowledged to me that 	He	- Exocuted the	same.	
[SEAL]				ndræk Men	Wobary Public
	Iotary Public State of Arizonia Iaricopa County	My commis	sion expires: Ac	quet 06, 20	18
	iendre R McMulen Krikke Giguéi De (2009eun to set my 1			day of	
a n	Keij	o J. Manníne	n	······································	
STATE OF)			
COUNTY OF) 85.:)			
	On this day of		, 20	bofore me personally	appeared
to me known and kn	fown to me to be the individual		Described in and	who executed the foregoing in	nstrument,
and he	acknowledged to me that	He	Executed the	калс.	
[SEAL]					
					Notary Public
		My commis	sion expires:		
in testimony w	HEREOF, I have hereunto set my	and this		day of	_ , 20
	Pra	ap Parashur	Am		
STATE OF)			
COUNTY OF) 88.;)			
	On this day of		. 20	before me personally	appeared
to me known and kn	own to me to be the individual		Described in and	who executed the foregoing it	astrument.
and he	acknowledged to me that	Нс	Executed the	•••	,
[SEAL]					.
					Notary Public
		<u>My commis</u>	sion expires:		

	• • • • • • • • • • • • • • • • • • •		· ····	Page :	= H0006879 USA
IN TESTIMONY WHE	REOF, I have hereunto set my l	hand this	Mille	ay of Sche	.20 05
	Elli	ott H. Rachlin			
STATE OF Ary COUNTY OF M	Joner Un COPCer On this 17th day of) ss.: Jun	l , 20 <u>05</u>	before me persona	lly appeared
to me known and known	to me to be the individual	~	Described in and wi	no executed the foregoin	g instrument,
and <u>he</u>	acknowledged to me that	— He	- Executed the same	mo.	
Mari	ary Public State of Arizona Icopa County In a receiver	My commis	Sandra		De B.
	res August 06, 2008 CEOF, I have hereunto set my i	hand this	d	ay of	, 20
	Jeth	ro F. Steinm	ân		<u></u>
					<u> </u>
STATE OF)			
COUNTY OF) ss.:)			
	On this day of		. 20	before me persona	lly appeared
to make more and known	to me to be the individual		Described in and col	a analysis of the family is	
				no executed the foregoin	g marniment,
and he	acknowledged to me that	He	Executed the sau	ntc,	
[SEAL]					
					Notary Public
······		My commis	sion expires:		
IN TESTIMONY WHEF	EOF, I have hereunto set my	hand this	d	ay of	, 20
· · · · · · · · · · · · · · · · · · ·	Vive	ek B. Varma	·····		
STATE OF					
JIME OF)			
COUNTY OF) 55.; \			
)			
	On this day of		,20	before me personal	ly appeared
to me known and known	to me to be the individual		Described in and wi	to executed the foregoing	g instrument,
and he	acknowledged to me that	Hc	Executed the same		·
[SEAL]					
					Notary Public
			sion expires:		stored i posto
		IVIV commis	CION AMPIRARY		

) I

PATENT REEL: 016767 FRAME: 0097 .

Assignment before issue of Letters Patent

Honeywell File H0006879 US

WHEREAS, Piyush Garyali, Ziad M. Kaakani, Keijo J. Manninen, Pratap Parashuram, Elliott H. Rachlin, Jethro F. Steinman, and Vivek B. Varma

(hereinafter "Assignor") have invented certain new and useful improvements in

DETERMINISTIC RUNTIME EXECUTION ENVIRONMENT AND METHOD

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMO	NY WH	EREOF, I have here	unto set my h	and this		day of	, 20
		·····	Piyu	sh Garyali			
STATE OF)			
COUNTY OF) ss.:)			
		On this	day of		. 20	before me	personally appeared
to me known a	nd knov	wn to me to be the in	dividual		Described in and v	who executed the fo	pregoing instrument,
and H)C	acknowledged to	me that	He	Executed the s	same.	
[SEAL]							
							Notary Public
				My commis	sion expires:		

Page 2 – I	H0006879	USA
------------	----------	-----

IN TESTIMONY WI	EREOF, I have hereunto set my h	and this	da	ay of	, 20
	Zied	M. Kaakani			
STATE OF)			
COUNTY OF	Finland) ss.:)			
	On this 20 th day of	June	, 20 <u>05</u>	before me persor	nally appeared
to me known and kno and he [SEAL]	own to me to be the individual acknowledged to me that	He	Described in and wh Executed the sam	o executed the foregone.	ing instrument,
					Notary Public
······································		My commis	sion expires:		
IN TESTIMONY WI	HEREOF, I have hereunto set my h	nand this	· In_		, 20 <u>05</u>
	ALC.		······································		
STATE OF)) ss.:			
COUNTY OF)			
	On this day of		, 20	before me perso	nally appeared
and he	own to me to be the individual acknowledged to me that	Не	Described in and wh Executed the sar	o executed the forego ne.	ing instrument,
[SEAL]					Notary Public
		My commis	sion expires:		
IN TESTIMONY W	HEREOF, I have hereunto set my	hand this	d	ay of	. 20
	Pra	tap Parashura	m		
STATE OF)			
COUNTY OF) ss.:)			
	On this day of		, 20	before me perso	nally appeared
to me known and kno	own to me to be the individual		Described in and wh	o executed the forego	ing instrument,
and he	acknowledged to me that	He	Executed the sar	ne.	
[SEAL]					Notary Public
		My commis	sion expires:		

Page 3 – H0006879 USA

	Ellio	tt H. Rachlin			
STATE OF)			
) ss.:)			
COUNTY OF				1.6	
	On this day of		, 20	before me persona	arry appeared
o me known and know	n to me to be the individual		Described in and who	o executed the foregoir	ig instrument,
and he	acknowledged to me that	He	Executed the san	ne.	
[SEAL]					
					Notary Public
	·····	My commis	sion expires:		
IN TESTIMONY WH	EREOF, I have hereunto set my h	and this	d:	ay of	, 20
	Jeth	ro F. Steinm	211		
STATE OF)			
) ss.:			
COUNTY OF)			
	On this day of		, 20	before me person	ally appeared
he we known and know	vn to me to be the individual		Described in and wh	o executed the foregoin	og instrument
and he	acknowledged to me that	He	Executed the sar		ng matrument,
	acknowledged to like that	110	Executed inv sai	110.	
[SEAL]					Notary Public
		My commi	ssion expires:		
IN TESTIMONY WIL		hand this	A	ay of	, 20
	EREOF, I have hereunto set my l		d	ay 01	,20
	Viv	ek B. Varma			
STATE OF)			
) ss.:			
COUNTY OF)			
	On this day of		, 20	before me person	ally appeared
to me known and know	wn to me to be the individual		Described in and wh	to executed the foregoin	ng instrument
to fir, khown and kho		He	Executed the sar		ng msu ument,
and he					
and he (SEAL)	acknowledged to me that				

Assignment before issue of Letters Patent

Honeywell File H0006879 US

WHEREAS, Piyush Garyali, Ziad M. Kaakani, Keijo J. Manninen, Pratap Parashuram, Elliott H. Rachlin, Jethro F. Steinman, and Vivek B. Varma

(hereinafter "Assignor") have invented certain new and useful improvements in

DETERMINISTIC RUNTIME EXECUTION ENVIRONMENT AND METHOD

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY W	HEREOF, I have hereunto set my	y hand this	. <u></u>	day of	, 20
444 Martin I	Pi	yush Garyali			
STATE OF)			
COUNTY OF) ss.:)			
	On this day o	f	, 20	before me p	ersonally appeared
to me known and kn	own to me to be the individual		Described in and	who executed the for	regoing instrument,
and he	acknowledged to me that	He	Executed the s	same.	
[SEAL]					
					Notary Public
		My commis	sion expires:		

IN TESTIMONY WH	IEREOF, I have hereunto set my	hand this		day of	, 20
9 	Zia	d M. Kaakani			
STATE OF)			
COUNTY OF) ss.:)			
	On this day of		, 20	before me per	rsonally appeared
to me known and kno and he [SEAL]	wn to me to be the individual acknowledged to me that	Не	Described in and Executed the	who executed the fore same.	going instrument, Notary Public
	WK	My commis	sion expires:	<u></u>	
IN TESTIMONY WH	IEREOF, I have hereunto set my	hand this		day of	, 20
	Kei	ijo J. Mannine	n	·····	
STATE OF)			
COUNTY OF) ss.:)			
	On this day of		, 20	before me per	rsonally appeared
to me known and kno and he [SEAL]	wn to me to be the individual acknowledged to me that	Не	Described in and Executed the	who executed the fore same.	going instrument, Notary Public
		My commis	sion expires:		
IN TESTIMONY WH	EREOF, I have hereunto set my	hand this	<u> </u>	day of	, 20
	Pra	itap Parashura	m		
STATE OF COUNTY OF)) ss.:			
COULT OF	On this day of	,	, 20	before me pe	rsonally appeared
to me known and kno and he [SEAL]	wn to me to be the individual acknowledged to me that	He	Described in and Executed the	who executed the fore same.	
					Notary Public

Page 3 - H0006879 USA

IN TESTIN	MONY W	HEREOF, I have hereunto s	et my hand this		day of	, 20
			Elliott H. Rachli	n		
STATE OF	F)			
COLDITY) ss.:			
COUNTY	Or)			
		On this o	lay of	, 20	before me person	ally appeared
to me know	vn and kno	own to me to be the individu	lal	Described in and v	who executed the foregoing	ing instrument.
and	he	acknowledged to me th	nat He	Executed the s	-	•
[SEAL]						
						Notary Public
		1 /1-1	My commi	ssion expires:		·····
IN TESTIN	MONY WI	EREOF, I have hereunto s	et my hand this	2_0	day of Jun-	<u>e</u> ,20 <u>05</u>
			tt/	F ant	martetat.	\sim
			Jethro F. Steinm	an		
STATE OF	7)			
COUNTY	OF) ss.:			
			, mas TUALE	~ ~	, , , ,	
		On this $\overbrace{}^{}$ d	ay 01	, 20	before me person	ally appeared
to me know	m and kno	wn to me to be the individu	al Jonto SPINI	Described in and w	the executed the foregoin	ng instrument,
and	he E	acknowledged to me th	at He	Executed the sa		
[SEAL]	Upper	Dublin Twp., Montgomery C ommission Expires May 11,	County		lik V	n lig
	Member	Pennsylvania Association Of I	Notaries	1	1	Notary Public
			My commis	ssion expires: 5/11/	٥	
IN TESTIM	IONY WH	EREOF, I have hereunto se	t my hand this		day of	, 20
			Vivek B. Varma			
STATE OF)			
	OF) ss.:)			
COUNTY		On this da	av of	20	hefore	
COUNTY C			.,	, 20	before me person	any appeared
COUNTY (
	n and know	wn to me to be the individua	ıl.	Described in and wi	ho executed the foregoir	ig instrument,
	n and know he			Described in and wi Executed the same	-	ig instrument,
o me known		vn to me to be the individua			-	ng instrument, Notary Public

Assignment before issue of Letters Patent

Honeywell File H0006879 US

WHEREAS, Plyush Garyali, Ziad M. Kaakani, Keijo J. Manninen, Pratap Parashuram, Elliott H. Rachlin, Jethro F. Steinman, and Vivek B. Varma

(hereinafter "Assignor") have invented certain new and useful improvements in

DETERMINISTIC RUNTIME EXECUTION ENVIRONMENT AND METHOD

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whercof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, soll and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assigner by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assigner for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this Ay^{11} day of <u>June</u> , 20 <u>05</u>
Plyukia Garyanir'
STATE OF Kanatalea (Indre)
COUNTY OF Bougalon) SS.:
STATE OF Kanatales (Indie) COUNTY OF Bougala) On this 24 day of June ,2005 before the personally appeared
to me known and known to me to be the individual Described in and who executed the foregoing instrument,
and he acknowledged to me the of TA Pier Executed the same. Attested By
[SEAL]
ARUN K. MARK Arun R. Naik My commission appires: Advocate & Notary
SI. No. 607 Page 91 No. 607 Page 91 No. 960 Volution Year 2005
Volumentaria I Cillera and and a second seco
PATENT
REEL: 016767 FRAME: 0104

		• •			Page 2 - H0006879 US
IN TESTIMONY WE	EREOF, I have hereunto set my h	and this		day of	,20
، 	Zlad	M. Kaakani			
STATE OF)			. —
) \$5.:			
COUNTY OF)			
	On this day of		, 20	before me	e personally appeared
to me known and kno	wn to me to be the individual		Described in and v	who executed the	foregoing instrument,
and he	acknowledged to me that	He	Executed the s	iame.	
[SEAL]					Notary Public
,					Notary r ubite
		My commis	sion expires:		
IN TESTIMONY WI	EREOF, I have hercunto set my h	and this		day of	, 20
	Keij	o J. Mannine			
STATE OF		\ \	<u></u>		
SIALEOF)) 55.:			
COUNTY OF)			
	On this day of		, 20	before m	e personally appeared
		·			
	wn to me to be the individual	•			foregoing instrument,
and he	acknowledged to me that	He	Executed the i	same.	
[SEAL]					Notary Public
		My commi	sion expires:		
IN TESTIMONY WI	HEREOF, I have hercunto set my h	and this	Arh	day of	UNE ,20 05
	·	-Pre	teg		·····
	Prat	ap Parashur			·····
STATE OF Com	afaler (India mp ala- On this <u>24</u> day of)			
COUNTY OF THE	upalon) ss.:)			
Di Di	24	Ture			
	On this day of	June	20 0 3	before m	e personally appeared
to me known and kno	own to me to be the matricipal		Described in and	who executed the	foregoing instrument,
and he	and the red to me that	He		same Atteste	
[SEAL]					
- 4	AREM R. MARKE	* //		Offel	Holdy Hubble
	AUTON FR	M commi	sion expires:	Arun R.	Naik
	BAJE WER (165)			Idvocate &	Notary
·	Bed. mark	S/		Bangalo) () () () () () () () () () () () () () (
				a 1	2 4 JUN 2
	1. 01	<u></u>	. NO		
		v.	No	200	5
		•	n 78444 is sy y gant an a		
					PATENT

REEL: 016767 FRAME: 0105

Page 3 - H0006879 USA

IN TESTIMONY WHEREOF, I have hereunto set m	y hand this	day of	, 20
E	llott H. Rachlin		
STATE OF COUNTY OF On this day o)) ss.:)	, 20 before me pers	onally appeared
to me known and known to me to be the individual and he acknowledged to me that [SEAL]	He	Described in and who executed the foreg Executed the same.	toing instrument, Notary Public
	My commiss	ion expires:	
IN TESTIMONY WHEREOF, I have hereunto set m	y hand this	day of	, 20
Jı	thro F. Steinma	η	
STATE OF COUNTY OF)) 55.:)		
	, भ	, 20 before me pers	ionally appeared
and he acknowledged to me that [SEAL] IN TESTIMONY WHEREOF, I have hereunto set m	My commiss	Executed the same.	Notary Public
$\overline{\mathbf{v}}$	BH HAE	A Real Providence of the second secon	
STATE OF COUNTY OF)) ss.:)	Ko of Corrections	•
to me known and known to me to be the individual and he acknowledged to me that I [SEAL] REAL ATCH R. EM ATCH BOOL	IN MLY COMMINS	Bangalore,	Notary Public
RECORDED: 07/06/2005			TENT 7 FRAME: 0106

. . .