ORM PTO-1595 RECOI 12 - Rev. 6-93) RECOI 12 -	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
11. 3.60	
Tab tsettings: t t 101	1542589t
To the Honorable Commissioner of Patents and Tracemai	rks: Please record the attached original documents or copy ereof.
I. Name of conveying parties:	2. Name and address of receiving party(ies):
STEPHEN WALLACE, DOUGLAS M. SMITH, TERESA	Name: HONEYWELL INTERNATIONAL INC
RAMOS, KEVIN H. RODRICK and JAMES S. DRAGE	Internal Address: PATENT DEPARTMENT
3. Nature of conveyance	
X Assignment Merger	Street Address: 101 COLUMBIA ROAD
Security Agreement Change of Name	
Other	City: MORRISTOWN State: NJ Zip: 07960
Execution Date: Nov. 1, 2000	Additional name(s) & address(es) Yes X No attached?
4. Application number(s) or patent number(s):	
A. Patent Application No (s)	B. Patent No.(s)
 A. Patent Application No.(s) OG/70G028 Additional numbers attached? 5. Name and address of party to whom correspondence 	 B. Patent No.(s) Yes XNo 6. Total number of applications and patents
 6. Name and address of party to whom correspondence concerning document should be mailed: 	Yes XNo
09/706028 Additional numbers attached? 5. Name and address of party to whom correspondence	Yes XNo 6. Total number of applications and patents
 04/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: 	Yes XNo 6. Total number of applications and patents
OG/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown	Yes XNo 6. Total number of applications and patents involved: 1
04/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown Internal Address: HONEYWELL INTERNATIONAL INC	Yes XNo 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00
OG/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown Internal Address: HONEYWELL INTERNATIONAL INC PATENT DEPARTMENT	Yes X No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed
OG/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown Internal Address: HONEYWELL INTERNATIONAL INC PATENT DEPARTMENT	Yes X No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed X Authorized to be charged to deposit account
OG/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown Internal Address: HONEYWELL INTERNATIONAL INC PATENT DEPARTMENT	Yes XNo 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed X Authorized to be charged to deposit account 8. Deposit account number:
OG/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown Internal Address: HONEYWELL INTERNATIONAL INC PATENT DEPARTMENT Street Address: 101 COLUMBIA ROAE City: MORRISTOWN State: Y Zip: 07960	Yes X No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed X Authorized to be charged to deposit account 8. Deposit account number: 01-1125
OG/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown Internal Address: HONEYWELL INTERNATIONAL INC PATENT DEPARTMENT Street Address: 101 COLUMBIA ROAE City: MORRISTOWN Statement and signature.	Yes XNo 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) 9. Enclosed X Authorized to be charged to deposit account 8. Deposit account number: 01-1125 (Attach duplicate copy of this page if paying by deposit account)
OG/706028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown Internal Address: HONEYWELL INTERNATIONAL INC PATENT DEPARTMENT Street Address: 101 COLUMBIA ROAE City: MORRISTOWN State: 9. Statement and signature. To the best of my knowledge and belief, the foregoing	Yes X No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed X Authorized to be charged to deposit account 8. Deposit account number: 01-1125 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE
OG/704028 Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Melanie L. Brown Internal Address: HONEYWELL INTERNATIONAL INC PATENT DEPARTMENT	Yes XNO 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) 40.00 Enclosed X X Authorized to be charged to deposit account 8. Deposit account number: 01-1125 (Attach duplicate copy of this page if paying by deposit account) E THIS SPACE Imformation is true and correct and any attached copy is a MMM Nov. 3, 2000 Signature Date

REEL: 011299 FRAME: 0612

HW Fit 204302(470) (21) HW Fit 204302(470) (21) WHERAS, STEPHEN WALLACE, DOUGLAS M SMITH, TERESA RAMOS, KEVIN H. RODRICK and JAMES S. DRAGE (hereinaher "Assignor") have invented certain sew and useful improvements in NANOPOROUSD DIELECTRIC FILMS WITH ORADED DENSITY AND PROCESS FOR MAKING SUCH FILMS (hereinaher "invention") for which Assignor is making or has made application for LETTERS PATENT OF TILE UNITPD STATES, 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 Coumbia Road, Morris Township, Morris Courship, New Versey, U.S.A. herematter called the Assigner, is derivanue to entire equity, tube and to sail worktoon within the United States of America and its torritorial possessions and all forcign countries and any United States or foreign LETTERS PATENT hat may be granted therefor. NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the recenpt whereof is hasing the there in the data data cert and in at to the asid invention, within the United States of America and its territorial possessions and all foreign countries and in ad to any LETTERS PATENT of the United States of America and its territorial possessions new own of hereafter be granited therefor. NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the recenpt whereof is having uniter inducts, inventori certificates and foreign countries and and to nay LETTERS PATENT of the United States and foreign countries, including unity incodes, inventori cerintricotang possignons for awaed benefit, an
WHEREAS, STEPHEN WALLACE, DOUGLAS M SMITH, TERESA RAMOS, KEVIN H. RODRICK and JAMES S. DRAGE (hereinafter "Assignor") have invented certain new and useful improvements in NANOPCOROUS DIELECTRIC FILMS WITH ORADED DENSITY AND PROCESS FOR MAKING SUCH FILMS (hereinafter "Invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, 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. hermalter called the Assigner, is determined acquiring the catter right, thic 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 of America and its territorial possessions and all foreign countries and any transfer to the said Assignee the entire right, the and interest in and to the and invention, within the United States of America and its territorial possessions and all foreign countries und and to be suid invention, within the United States of America and its territorial possessions and all foreign countries and in the one invention, within the United States of America and its territorial possessions thereof that may be graned therefor. Continuations and extensions thereof that may be graned to be post LETTERS PATENT of the United States of America and its territorial possessions of all all values thereof its in a property, together with the right to exited its making to the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the Uni
IAMES S. DRAGE (hereinafter "Assignor") have invented certain new and useful improvements in NANOPOROUS DIELECTRIC FILMS WITH ORADED DENSITY AND PROCESS FOR MAKING SUCH (interinafter "Invention") for which Assignor is making or has made application for LETTERS PATENT OF TILE UNITED STATES, which application has been duly executed by Assignor on the dw(s) and date(s) of these presents AND WHEREAS. Honeywell International Inc. 1 corporation organized and existing under the laws of the State of Delaware, U.S. A. horing a place of business at 101 Coumbin Road, Morris Township, Morris County, New Jersey, U.S.A. heromafter coiled the Assigner, is destrous of acquiring the entitie right, title and interest maint to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATEN that may be granted therefor. NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor the assign, et and it on abus invention, within the United States and foreign countries and its government grants, and all divisions: resisese. countries, including utility models, invention is critificate and the government grants, and all divisions resises. countries, including utility models, invention is critificate and the give the value laws of the state of the transfer to factor fraction and the transfer to the state of the state of states of foreign countries and its and no one hereafter be granted to Assigner by local laws ot by trans, including uny international convention, for the protection
NANOPOROUS DIELECTRIC FILMS WITH GRADED DENSITY AND PROCESS FOR MAKING SUCH FILMS (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNTED STATES, 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 Tersey, U.S.A. hermatter called the Assignee, is devirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possissions and all foreign countries and any United States of foreign LETTERS PATENT hat may be granted therefor. NOW. THISTINDENTURE 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 catter right, title and interest in and to the said invention, within the United States of America and its ferritorial possessions and all foreign countries with and its on yLETTERS PATENT of the United States of countries, including unlity modelis, inventor's ecrificates and like government grants, and all visions, reissue, continuations and extensions thereof that may be granted thorefor, and the right to apply for LETTERS PATENT in foroign countries with titl benefit of such principates as may now or hereaffer be granted to Assignor by local leving to use and benefit, and for the use and benefit of such corsis or a signs, to the full and possessions now owed or which and 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 henefit of such principates is the full and by possessions to sowned or which as all braiters PATENT may be prenem made. And Assigner does
NANOPOROUS DIELECTRIC FILMS WITH ORADED DENSITY AND PROCESS FOR MAKING SUCH FILMS (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNTED STATES, 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. hermatter called the Assigner, is deirous of acquiring the entire right, title and interest an 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 hat may be granted therefor. NOW. THIS INDENTURE WITHORSETH, 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 Assignet the catter right, title and interest in and to be used invention, within the United States of America and its ferritorial possessions and all foreign countries with and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's erifficates 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 for the use and henefit of such prioritics as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, of the protection of industrial property, together with the right to extend the rotection of as successions or a signs, so the full and possessions now owed or which and benefit, and for the use and henefit of successions or a signs, to the full and possessions now owed or which and thereafter acquired by the United States of America, all said rights to be held and enjoye
THE UNITED STATES, which application has been duly executed by Assignor on the day(s) and date(s) of these presents. AND WHEREAS. Honeywell International Inc. 3 corporation organized and existing under the laws of the State of Delaware, U.S.A., hereinalter called the Assignes, is derivous of centure right, title and interest m and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States of foreign territorial possessions and all foreign countries and any United States of America and its territorial possessions and all foreign countries and any United States of America and its territorial possessions and all dees 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 its setterations, the receipt whereof is bereby assignee the entire right, title and interest in and to the said invention, within the United States of America and its certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted ticrefor, and the right to applie of LETTERS PATENT in foreign countries with till benefit of such priorities as may now or hereafter be granted to Assigner by treaty, including any international convention, for the protection of industrial property, logether with the right to extend the protection of said U.S.L.ETTERS PATENT may be granted, in accurdance with this assignment and said had on to be made. And Assigner 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 at successors or assigns, to the full and dengoed by Assigner if this assignment. Assigned what had anot been made. And Assigner America, and agrees with the Ass
THE UNITED STATES, 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., hermafter called the Assignes, is derivation the entire right, little and interest m and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States of foreign LETTERS PATENT that may be granted therefor. NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby akinowledged, Assignor has assigned, soid and transferred, and deas hereby assign, sell and transfer to the said Assignee the entire right, trife and interest in and to she with uncertain within the United States of America and its territorial possessions and life provide the United States and foreign countries, including utility inodels, inventor is certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor and the right to exploid divisions and streams on shore the protection of industrial property, logether with the right to extend the protection of and U.S. LETTERS PATENT in the right to extend the protection of said U.S. LETTERS PATENT in the right to extend the protection of said U.S. LETTERS PATENT in the right to extend the protection of said U.S. LETTERS PATENT in the right to extend the protection of said U.S. LETTERS PATENT in the saignore three as fully and entire as any show or hereafter be granted to Assigner of the assigned stress and the successors or assigns, to the full and enjoyed by the Assigner for its own use and becfit, and for the use and benefit of at successors or assigns, to the full and enjoyed by the Assigner for its own use and becfit, and to the use after as fully and churley as the same would have been held and enjoyed by Assigner if this assignment and sale hau not been made. And As
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 derivous 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, Assigner has assigned, sold and transferred, and does hereby assign, sell and transfer to the said territoral possessions and all foreign countries and in a not on yLETTERS PATENT of the United States of America and its territoral possessions and all foreign countries and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted ticrefor, and the right to apply for LETTERS PATENT for foreign countries, including unlihty indels, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted ticrefor, and the right to apply for LETTERS PATENT in foreign countries, including unlihty indending, inventor's certificates and like government grants, and all divisions, reissues, and for the use and henefit of as successors or assigns, so the full and enjoyed by the Assignee to value and benefit, acquired by the United States of America, all sud rights to be held and enjoyed by the Assignee for its own use and benefit, acquired by the United states of America, all sud rights to be held and enjoyed by the Assignee for its own use and benefit, acquired by the United States of America, all and there growee with the assignment. Assignee further covenants and agrees with the Assignee that Assigner further agrees that Assigner wo
Discussing, D.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., heremafter 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 forcign 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 its of such priorities as may now or hereafter be granted to assign 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 may be granted to be held and enjoyed by the Assignee for its own use and benefit, and for the use and henefit of successors or assigns, to the full end of yourd by the Assignee for its as use and benefit, and to the various territorial possession of Patenta and Trademarks, U.S.A., to issue said U.S.LETTERS PATENT, when granted, in accordance with this assignment and sale had not been made. And Assignor further agrees that Assignor warrants unto the Assigner for Assigner the said therefor. Assign of further covenants and agrees with the Assignee that Assignor further agrees that Assignor warrants unto the Assignee for a stread. 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 further agrees that As
hereby acknowledged. Assigner 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 und in and to any LETTERS PATENT of the United States and foreign countries, including utility inodels, 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 Assignee for its own use and benefit, and for the use and henefit of its successors or assigns, to the full end of the term for which and LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assigner if this assignment and sale had not been made. And Assigner further covenants and agrees with the Arsignee that Assign or further agrees that Assigner would have been the assignment. Assigner further covenants and agrees with the Arsignee that Assign or further agrees that Assigner will, without demanding any further consideration therefor, at the request but at the expense of the Assigner or obtaming, sutaming, sutaming, extending and perfecting the Assigner to the said and enjoyed by Assignment. Assigner further covenants and agrees with the Arsignee that Assign or 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 acta, including 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 acta, 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 day of 2000
IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of 1 and
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of 20
· · · · · · · · · · · · · · · · · · ·
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of 20 _00
TERESA RAMOS

C-182 (6/87)

ASSIGNMENT Assignment before issue of Letters Patent							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of N	ow-fra-, 20 00					
KEVIN H. RODRICK		-lal					
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	. 20					
JAMES S. DRAGE	······································						
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	. 20					
[inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	. 20					
[inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	. 20					
(inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	. 20					
[inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	, 20					
[inventors name hero]							
IN TESTIMONY WHEREOF. I have hereunto set my hand this	day of	, 20					
[inventors name here]							

COUNTY OF	Ray Iila) 85.:		
•••	Demalillo)		
STEPHEN W		day of <u>NOV</u> ,	, 20	before me personally appeared
to me known an	d known to me to be the inc	dividual described in	and who executed	the foregoing instrument,
Jui No	cy acknowledged to me that ICAL SEAL anita R. Peters IARY PUBLIC - STATE OF NEW MEXT		(nita R. Peter
My	commission expires 6 0.02	My commis	sion expires:	NULL 1, FEAN
STATE OF	New Mexico)	<u> </u>	
COUNTY OF	Benelillo) 85 '		
DOUGLAS M		lay of <u>NOV.</u>	, 20 _ 00	before me personally appeared
to me known and	I known to me to be the ind	hvidual described in	and who executed t	he foregoing instrument.
and he / she / the	wacknowledged to me that	he she/ they execut	ted the same.	
	R. Peters IBLC - STATE OF NEW MEXICO Ion expires <u>La - S-10 Z.</u>	4-8-02	2 tra	nita R. Peter
		My commiss	sion expires:	Notar Pu
STATE OF	California)) ss.		
COUNTY OF)		
TERESA RAM		ay of	, 20 00	before me personally appeared
to me known and	known to me to he the ind	ividual described in i	and who executed t	he foregoing instrument.
and he / she / the	y acknowledged to me that	he she/ they execut	ed the same	
[SEAL]				

My commission expires:

	New Mexico		(
COUNTY OF	Bernali	$ _{0}$) 89.)		
	On this 154	day of	Nov.	, 20 00	before me personally appeared
KEVIN H. RO	DDRICK	·	<u>X_L</u> <u>.</u>		
to me known ai	nd known to me to l	be the individ	ual described in	and who execute	d the foregoing instrument,
and he / she / th	nev acknowledged t	o me that he	she/ they exec	uted the same	
Juanit	a R. Poters Public - state of New 1	MEXICÔ	í	10	
1	6-8-1		1.18/02	- Xna	uta tetes
	Nu.		My contaniss	ion exhires:	Notary Pu
	CALIFORNI	A.	\		
STATE OF	CALIFORNIZ	<u> </u>	-)) ss.:		
COUNTY OF	. <u> </u>		_)		
	On this	day of		. 20	before me personally appeared
JAMES S. DR	LAGE			·····	
to me known ar	nd known to me to l	pe the individ	ual described in	and who execute	d the foregoing instrument,
and he / she / th	ey acknowledged t	o me that he	she/ they exec	uted the same	
(SEAL)	ney acknowledged t	o me that he	she/ they exec	uted the same	
	iey acknowledged t	o me that he	she/ they exec	uted the same	
	ney acknowledged t	o me that he			Notary Pu
(SEAL)	ney acknowledged t	o me that he	she/ they exec		Notary Pu
	ney acknowledged t	o me that he			Notary PL
(SEAL.)	ney acknowlodgod t	o me that he	My commiss		Notary Pu
(SEAL) STATE OF	On this	o me that he	My commiss		Notary Pu before me personally appeared
(SEAL) STATE OF	Оп thы		My commiss	оп схрігся.	
[SEAL] STATE OF COUNTY OF [inventor name	On this	đay of	My commiss _) _) 85.: _)		
[SEAL] STATE OF COUNTY OF [inventor name to me known as	On this	day of be the individ	My commiss)) 85.:) mail described in	, 20, 20	before me personally appeared
[SEAL] STATE OF COUNTY OF [inventor name to me known as	On this here] and known to me to b	day of be the individ	My commiss)) 85.:) mail described in	, 20, 20	before me personally appeared
[SEAL] STATE OF COUNTY OF [inventor name to me known az and he / she / th	On this here] and known to me to b	day of be the individ	My commiss)) 85.:) mail described in	, 20, 20	before me personally appeared

ASSI		NT
A.3.31	YIE.	

Assignment before issue of Letters Patent

HW File 30-4302(4780) CIP1

WHEREAS. STEPHEN WALLACE, DOUGLAS M. SMITH, TERESA RAMOS, KEVIN H. RODRICK and JAMES S. DRAGE

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

NANOPOROUS DIELECTRIC FILMS WITH GRADED DENSITY AND PROCESS FOR MAKING SUCH FILMS

(hereinafter "invention") for which Assigner is making or has made application for LETTERS PATENT OF

THE UNITED STATES, 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 bligation

IN TESTIMONY WHEREOF, I have hereunto set my han I this	day of	, 20
STEPHEN WALLACE		
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of	, 20
DOUGLAS M. SMITH		
IN TESTIMONY WHEREOF, I have hereunto set my hand the	day of November	, 20 <u>00</u>

C-182 (6/87)

STATE OF	New Mexico)			
COUNTY OF) ss :)			
STEPHEN W.			, 20 _00	_ before me personally appea	1red
to me known ar	id known to me to be the individual	described in and	who executed the	e foregoing instrument,	
and he / she / th	ey acknowledged to me that he / shi	e/ they executed	the same		
[SEAL]					
				Ma	tary Public
		My commission	expires		
STATE OF	New Mexico)			
) ss			
COUNTY OF		_)			
	On this day of		,20 00	_ before me personally appea	red
DOUGLAS M					
	id known to me to be the individual			e foregoing instrument,	
and he / she / th	ey acknowledged to me that he / she	e/ they executed	the same.		
[SEAL]					
		Mucommircion	Avniras	Not	tary Public
		My commission	expires.		
STATE OF	California	_)			
COUNTY OF	Souta (Vona)) SS (
00011101	Augua Cartona	hau	, 20 00	before me personally appea	red
TERESA RAN	On this day of day of	T POU	, 20 _00	_ before me personally appea	u çu
	d known to me to be the individual	decembership and	who executed the	foregoing instrument.	
	acknowledged to me that he sho			· · · · · · · · · · · · · · · · · · ·	
(00)11				AQI	
		A At		11 unto	
	PATRICIA A. CYESTE COMM # 1130152		and N	1 Cypelle Not	Dary Public
	COUNTY OF SANTA CLARA	My commission	expires Wil	1,200 /	
West	Comm. Exp. April 7, 2001		/		

ASSIGNMENT Assignment before issue of Letters Parent							
IN TESTIMONY WHEREOF, I have hereunto set my hand this							
KEVIN H. RODRICK							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	1 day of Nov. , 20 00						
JAMES S. DRAGE	Elece						
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of , 20						
[inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of , 20						
[inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of , 20						
[inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of , 20						
[inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto set my hand this	day of , 20						
[inventors name here]							
IN TESTIMONY WHEREOF, I have hereunto sot my hand this	day of , 20						
(inventors name here)							

STATE OF	New Mexic	<u>o</u>	_)			
COUNTY OF) ss.: _)			
	On this	day of		, 20	00	before me personally appeared
KEVIN H. RO	DRICK					
to me known an	id known to me t	o be the individu	al described in a	and who ex	cecuted th	e foregoing instrument,
and hc / shc / the	ey acknowledge	d to me that he	she/ they execut	ed the sam	e	
[SEAL]						
						Notary Public
			My commission	n expires:		
STATE OF	CALIFORN		_)			
COUNTY OF	Serta	Clane) ss.: _)			
	On this	day of	Nov.	, 20	00	before me personally appeared
JAMES S. DR		· · · · · · · · · · · · · · · · · · ·				
to me known an	d known to me t	o be the individu	al described in a	ind who ex	ecuted th	e foregoing instrument,
and he / she / th	y acknowledge	i to me that he	the they execut	ad the sam	e .	
[SEAL]	P	ATRICIA A. CYS	STERA OT) Train		2 Country
	No	COMM # 113015 TARY PUBLIC - CALIL OUNTY OF SANTA CI		expires: (apri	Notary Public
STATE OF	43 18363 23768 3427 36 83	innii Cxp. April 1, 2 Innii 1990 (1990) (1990)	2007		/	
JIAIEUr) ss.:			
COUNTY OF			_)́			
	On this	day of		, 20		before me personally appeared
[inventor name	here]	·		·		
to me known an	d know n to me t	o be the individu	al described in a	und who ex	ecuted th	e foregoing instrument,
and he / she / the	ey acknowledged	to me that he	she/ they execute	ed the sam	e.	
[SEAL]						
						Notary Public
			My commission	expires		

Assignment N WALLACE , DOUGLAS M. TERESA RAMOS, KEVIN H. X and JAMES S. DRAGE TO TON: OROUS DIELECTRIC FILMS WITH D DENSITY AND PROCESS FOR G SUCH FILMS G SUCH F	Honeywell International Inc.	HW File: 30-4302(4780) CIP1	INVENTION: NANOPOROUS DIELECTRIC FILMS WITH GRADED DENSITY AND PROCESS FOR MAKING SUCH FILMS	TO HONEYWELL INTERNATIONAL INC.	STEPHEN WALLACE , DOUGLAS M. SMITH, TERESA RAMOS, KEVIN H. RODRICK and JAMES S. DRAGE	Assignment	
--	------------------------------	------------------------------------	---	------------------------------------	---	------------	--

505 260 0325