PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Naiyong Jing	12/09/2011
Zhigang Yu	12/01/2011
Xue-hua Chen	12/01/2011
Bangwei Xi	12/01/2011
Appuswamy Devasenapathi	12/05/2011
Wei De Liu	12/01/2011
George Van Dyke Tiers	12/09/2011
Justin A. Riddle	12/09/2011
Deivaraj Theivanayagam Chairman	11/17/2011
Michelle L. Legatt	11/30/2011
Cecil V. Francis	11/15/2011

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY
Street Address:	P.O. BOX 33427
City:	SAINT PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13378182

CORRESPONDENCE DATA

Fax Number: (651)736-3833 Phone: 651-733-1500

Email: kholmberg@mmm.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

PATENT

REEL: 027383 FRAME: 0269

501755579

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

ATTORNEY DOCKET NUMBER: 65214US006

NAME OF SUBMITTER: Kelly J. Holmberg

Total Attachments: 25

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ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

	HYDROPHILIC COATINGS, ARTICLES, COATING COMPOSITIONS, AND METHODS
\boxtimes	for which an application for a United States Patent is being filed contemporaneously herewith;
	for which an application for a United States Patent identified as U.S. Patent Application No., was filed on;
\boxtimes	which application is identified as PCT International Patent Application No. PCT/US2010/040524; filed June 30, 2010;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

Assignment

Page 1 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]):	Family Name or Surname:	
Naiyong	Jing	
Inventor's Signature:	Date:	
Residence.	Dee 9	
		Citizenship:
Woodbury, Minnesota	USA	United States of America
Princes 7 Grand	Mark E Witness	Mulh
	hamananinaninaninaninaninaninaninaninanin	annuninaanuninaanuninaanuninin misaanusiasaanuninin ja
Given Name (first and middle [if any]): Zhigang	Family Name or Sur	name:
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of China
Witness	Witness	
Given Name (first and middle [if any]): Xue-hua	Family Name or Surname: Chen	
Inventor's Signature:	Date:	
		A.C. I
Residence: Shanghai	Country: China	Citizenship: People's Republic of China
Witness	Witness	

Assignment

Page 2 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]):	Family Name or Surname:	
Bangwei	Xi	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of
		China
		·
Witness	Witness	
Given Name (first and middle [if any]):	Family Name or Su	rname:
Appuswamy	Devasenapathi	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Singapore	Singapore	India
Witness	Witness	
		
Given Name (first and middle [if any]):	Family Name or Su	rname:
Wei De	Liu	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of
		China
	<u></u>	New X 17 F New (
Witness	Witness	······································
		

Page 3 of 5 Case No : 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

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Given Name (first and middle [if any]):	Family Name or Surname:		
George Van Dyke	Tiers		
Inventor's Signature:	Date:		
George Van Dyke Tiere	Dec-9, 2011		
Residence:	Country:	Citizenship:	
St. Paul, Minnesota	USA	United States of America	
Vitness	VWEV	Melle	
Given Name (first and middle [if any]):	Family Name or Surn	name:	
Justin A.	Riddle		
Inventor's Signature	Date: Date: Date: Citizenship: Country: Citizenship: Citizenship:		
Residence:	Country: / /	Citizenship:	
St. Paul/Minnesota	USA	United States of America	
Withess Withese			
Given Name (first and middle [if any]):	Family Name or Surr		
Deivaraj	Theivanayagam C	hairman	
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Singapore	1 7	Singapore	
Witness	Witness		

Given Name (first and middle [if any]): Michelle L.	Family Name or Sur Legatt	name:
Inventor's Signature:	Date:	
I Jabelle Z Zoroth	11/25/11	
Residence: 0	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
Witness Witness	Mercon Witness	Appeaning

Given Name (first and middle [if any]): Cecil V.	Family Name or Surname: Francis	
Inventor's Signature:	Date:	
Residence: Austin, Texas	Country: USA	Citizenship: United States of America
Witness	Witness	

ASSIGNMENT OF APPLICATION

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I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

Assignment.

Page 1 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Witness	Witness	· • • • • • • • • • • • • • • • • • • •
Xiang Ming Yang Witness	Xiam nendy Witness	Pens
Шаму Y∪ Residence: Shanghai	Country: China	Citizenship: People's Republic of China
	2011.13. J	
Given Name (first and middle (if any)): Zhigang Inventor's Signature:	Family Name o	or Surname:
Witness	Witness	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
Inventor's Signature:	Date:	
Given Name (first and middle [if any]): Naiyong	Family Name or Surname: Jing	

Assignment

Page 2 of 5 Case No : 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]): Bangwei	Family Name or Surname:	
Inventor's Signature:	Date:	
Residence: Shanghai	Country: China	Citizenship: People's Republic of China
		- Onmitted
Witness	Witness	
A second	Family Name or Sur	
Given Name (first and middle (if any)): Appuswamy	Devasenapathi	name.
Inventor's Signature:	Date:	
Residence: Singapore	Country: Singapore	Citizenship: India
Witness	Witness	
Given Name (first and middle (if any)): Wei De	Family Name or Sur Llu	name:
Inventor's Signature:	Date:	
Wei De Liu	Decol, 2011	
Residence: Shanghai	Country: China	Citizenship: People's Republic of China
Yan Ling Dong	Xin lin	
Witness	Witness	

Page 3 of 5 Case No.: 65234US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

3M 1248253v1

Given Name (first and middle [if any]):	Family Name or Surname:	
George Van Dyke	Tiers	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
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Witness	Witness	
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<i></i>		
Given Name (first and middle [if any]): Justin A.	Family Name or Su Riddle	ırname:
Inventor's Signature:	Date:	
niventor a dignature.	Date.	
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
Witness	Witness	
Given Name (first and middle [if any]):	Family Name or Surname:	
Deivaraj	Theivanayagam Chairman	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Singapore	Singapore	Singapore
Witness	Witness	

Page 4 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]): Michelle L.	Family Name or Surname: Legatt	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
Witness	Witness	
Given Name (first and middle [if any]): Cecil V.	Family Name or Surname: Francis	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Austin, Texas	USA	United States of America
Witness	Witness	

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

	HYDROPHILIC COATINGS, ARTICLES, COATING COMPOSITIONS, AND METHODS
	for which an application for a United States Patent is being filed contemporaneously herewith; for which an application for a United States Patent identified as U.S. Patent Application No., was filed on;
×	which application is identified as PCT International Patent Application No. PCT/US2010/040524; filed June 30, 2010:

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

Assignment

3M 1248253v1

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Naiyong	Family Name or Surname: Jing	
Inventor's Signature:	Date:	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
Witness	Witness	
Given Name (first and middle [if any]): Zhigang	Family Name or Sur	name:
Inventor's Signature:	Date:	
Residence: Shanghai	Country: China	Citizenship: People's Republic of China
Witness	Witness	
Given Name (first and middle [if any]): Xue-hua	Family Name or Sur Chen	name:
Inventor's Signature:	Date:	
Residence: Shanghal	Country: China	Citizenship: People's Republic of China
Witness	Witness	

Assignment

Page 2 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

3M 1248253v1

Given Name (first and middle [if any]): Bangwei	Family Name or Surname:	
Inventor's Signature:	Date:	
Residence: Shanghai	Country: China	Citizenship: People's Republic of China
Witness	Witness	
Given Name (first and middle [if any]): Appuswamy	Family Name or Surname: Devasenapathi	
Inventor's Signature:	Date: 05 December 2011	
Residence: Singapore	Country: Singapore	Citizenship: India
- Like	9.6	31.
Witness	Witness	
Given Name (first and middle (if any)): Wel De	Family Name or Llu	r Surname:
Inventor's Signature:	Date:	
Residence: Shanghai	Country: China	Citizenship: People's Republic of China

Page 3 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]): George Van Dyke	Family Name or S Tiers	Family Name or Surname: Tiers	
Inventor's Signature:	Date:	Date:	
Residence:	Country:	Citizenship:	
St. Paul, Minnesota	USA	United States of America	
Witness	Witness		
Given Name (first and middle [if any]): Justin A.	Family Name or Si Riddle	Family Name or Surname: Riddle	
Inventor's Signature:	Date:	Date:	
Residence:	Country:	Citizenship:	
St. Paul, Minnesota	USA	United States of America	
Witness	Witness		
	~~~		
Given Name (first and middle [if any]): Deivaraj		Family Name or Surname: Theivanayagam Chairman	
Inventor's Signature:	Date:	Unamman	
Podeiours		17 November, 2011	
Residence	Country:	Citizenship:	
Singapore	Singapore	Singapore	
Diffe Frankliff C.K.	Jul		
Witness	Witness	Simsuluyin subran)	

Page 4 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]): Michelle L.	Family Name or Surname: Legatt	
Inventor's Signature:	Date:	
Residence: St. Paul, Minnesota	Country: USA	Citizenship: United States of America
Witness	Witness	
Given Name (first and middle [if any]): Cecil V.	Family Name o	or Surname:
Inventor's Signature:	Date:	
Residence: Austin, Texas	Country: USA	Citizenship: United States of America
Witness	Witness	

Page 5 of 5 Case No.: 65214US008 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

### ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

	HYDROPHILIC COATINGS, ARTICLES, COATING COMPOSITIONS, AND METHODS
$\boxtimes$	for which an application for a United States Patent is being filed contemporaneously herewith;
	for which an application for a United States Patent identified as U.S. Patent Application No., was filed on;
$\boxtimes$	which application is identified as PCT International Patent Application No.

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

Assignment

Page 1 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

3M 1248253v1

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]):	Family Name or Surname:	
Naiyong Inventor's Signature:	Jing Date:	
inventor's dignature.	Date.	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
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Witness	Witness	
vvioless	AAITHESS	
	P 12 2 1	
Given Name (first and middle [if any]): Zhigang	Family Name o	r Surname:
Inventor's Signature:	Date:	
		:
Marida and a second	~	Citizenship:
Residence: Shanghai	Country: China	People's Republic of
Crangina.	0	China
	***************************************	
Witness	Witness	
Given Name (first and middle [if any]):	Family Name o	r Surname:
Xue-hua	Chen	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of
		China
None of the state	•	
1021	3.8.82	
Witness	Witness	
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Assignment

Page 2 of 5 Case No.: 85214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]):	Family Name or Su	rname:
Bangwei	Xi	
Inventor's Signature:	Date:	
Ban is bi	Dec. «	201
residence.	Country:	Citizenship: People's Republic of
Shanghai	China	China
Vanley ( No	e_	
Yinghao Liv	Winner	
Witness	AAITIGOD	
Given Name (first and middle [if any]):	Family Name or Su	rname:
Appuswamy	Devasenapathi	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Singapore	Singapore	India
Witness	Witness	
<u></u>		
Given Name (first and middle [if any]):	Family Name or Su	mame:
Wei De	Liu	
Inventor's Signature:	Date:	
***************************************		
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of China
Witness	Witness	
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Page 3 of 5 Case No.: 65214US006 3M Innavative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

3M 1248253y1

Given Name (first and middle [if any]):	Family Name or Surname:	
George Van Dyke	Tiers	
Inventor's Signature:	Date:	
**		****
		****
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
	<u>,</u>	
		****
Witness	Witness	
Given Name (first and middle [if any]):	Family Name or Sur	name:
Justin A.	Riddle	
Inventor's Signature:	Date:	
inventor a diginature.	wate.	•
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
		***************************************
<u> </u>	<u> </u>	
Witness	Witness	7
Given Name (first and middle [if any]):	Family Name or Sur	D 3 M 9.
Deivaraj	Family Name or Surname: Theivanayagam Chairman	
Inventor's Signature:	Date:	
niventors olynature:	Date.	
Residence:	Country:	Citizenship:
Singapore	Singapore	Singapore
A. Garleys	Francountray as	, 3 x k x , x
Witness	Witness	

Page 4 of 5 Case No.: 65214US006 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 65133-3427

Given Name (first and middle [if any]):  Michelle L.	Family Name or Surname: Legatt	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
Witness	Witness	
Given Name (first and middle [if any]): Cecil V.	Family Name or Surname: Francis	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Austin, Texas	USA	United States of America
Witness	Witness	

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for which an application for a United States Patent identified as U.S. Patent Application No., was filed on;

which application is identified as PCT International Patent Application No. PCT/US2010/040524; filed June 30, 2010;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

Assignment

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In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Naiyong	Family Name or Surname:  Jing	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Woodbury, Minnesota	USA	United States of America
Witness	Witness	
Given Name (first and middle [if any]): Zhigang	Family Name or Surname:	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of China
Witness	Witness	
Given Name (first and middle [if any]):  Xue-hua	Family Name or Surname: Chen	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of China
Witness	Witness	

Assignment

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Given Name (first and middle [if any]):	Family Name or Surname:	
Bangwei	Xi	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of China
		CIBIA
Witness	Witness	
		<del></del>
Given Name (first and middle [if any]):	Family Name or Surname:	
Appuswamy	Devasenapathi	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Singapore	Singapore	India
	<u></u>	
Witness	Witness	
Given Name (first and middle [if any]):	Family Name or Surname:	
Wei De	Liu	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Shanghai	China	People's Republic of China
		3 - 25 - 17 - 17 - 17 - 17 - 17 - 17 - 17 - 1
		·
Witness	Witness	

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Given Name (first and middle [if any]):	Family Name or Surname:	
George Van Dyke	Tiers	
Inventor's Signature:	Date:	
•		
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
18.02	V & Ch	
Witness	Witness	
Given Name (first and middle [if any]):	Family Name or Surname:	
Justin A.	Riddle	
Inventor's Signature:	Date:	
· <del>*</del>		
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
Witness	Witness	
34(0)000	VVIII (ess	
Given Name (first and middle [if any]):	Family Name or Surname:	
Deivaraj	Theivanayagam Chairman	
Inventor's Signature:	Date:	
P-220	100000000000000000000000000000000000000	I ASIL TIEST
Residence:	Country:	Citizenship:
Singapore	Singapore	Singapore
Witness	Witness	
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Given Name (first and middle [if any]): Michelle L.	Family Name or Sumame: Legatt		
Inventor's Signature:	Date:	Date:	
Residence: St. Paul, Minnesota	Country: USA	Citizenship: United States of America	
Witness	Witness		
Given Name (first and middle [if any]): Cecil V.	Family Name o	Family Name or Surname: Francis	
Inventor's Signature	Date: 人/ル・/ら/ 2 Φ / /		
Residence: / / Austin, Texas	Country: USA	Citizenship: United States of America	
Suchten Rosesses			

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**RECORDED: 12/14/2011**