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7]	To the Honorable Commissioner or r	alenia UU / 284 II 29	unional attached original	documents or copy thereof.		
200%	1. Name of conveying party(ies): (1) Moungi Rawandi (2) K1		2. Name and address of rec	,		
Med	(1) Moungi Bawendi (2) Klavs F. Jensen (3) Bashir O. Dabbousi (5) Frederic (4) Javier Rodriguez-Viejo Victor Mikulec Additional name(s) of conveying party(ies) attached? Dives 20 No		Name: Massachuse Internal Address: Tech			
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	If this document is being filed together with a new application, the execution date of the base in the correspondence is being deposited with the United States Postal Service as first					
	A. Patent Application No.(s)		B. Patent No. (class mail in Commissioner	an envelope addressed to: Assistant For Patents, Washington, D.C. 20231		
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	concerning document should be mailed:		. Total number of application	s and patents involved:		
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	9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.					
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Mary Rose Scozzafava  Name of Person Signing  May Lox Hugge Signature						
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## **ASSIGNMENT**

Boston Mis

WHEREAS, We Moungi Bawendi, of Cambridge, Massachusetts; Klavs F. Jensen of Lexington, Massachusetts; and Frederic Victor Mikulec of Somerville, Massachusetts having invented certain new and useful improvements in HIGHLY LUMINESCENT COLOR-SELECTIVE MATERIALS for which we have made application for United States Letters Patent, the said application filed on November 13, 1997, as U.S. Serial No.08/969,302

WHEREAS, Massachusetts Institute of Technology a non-profit educational institution having offices at 77 Massachusetts Avenue, Cambridge, Massachusetts, and its successors and assigns (collectively hereinafter called "the Assignee"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, We do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

PATENT REEL: 9327 FRAME: 0362

IN WITNESS WHEREOF, I hereto	set my hand and seal at familiale HA				
	10th day of July 1948.				
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COUNTY OF MERKLEY	equancies from the property of the contract of				
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	CAROL PHILLIPS Notary Public				
	My Commission Expires April 23, 2004				
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Before me this 10th day of 1998, personally appeared Klavs F. Jensen known to me to be the person whose name of subscribed to the					
foregoing Assignment and acknowledged that he executed the same as his free act and					
deed for the purposes therein cont	ained.				
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	NOTARY PUBLIC				
[Notary's Seal Here]	My Commission Expires:				
	CAROL PHILLIPS				
	Notary Public  My Commission Expires April 23, 2004				
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PATENT REEL: 9327 FRAME: 0363

IN WITNESS WHEREOF, I hereto set my han	d and seaf at whereas 111				
this_ 10 th	day of test , 19 95 .				
Freder Vinta	Miku (				
Frederick Victor Mikulec					
TV 107					
STATE OF Lascachuselle.					
COUNTY OF Madesey					
Before me this 16th day of 1916 personally appeared Frederick Victor Mikulec known to me to be the person whose name of subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.					
	Arak a Phellipa				
[Notary's Seal Here]	My Commission Expires:				
	CAROL PHILLIPS  Notary Public  My Commission Expires April 23, 2004				

DS1.375165.1

## **ASSIGNMENT**

WHEREAS, I, Bashir - O. Dabbousi of Saudi Arabia; having invented certain new and useful improvements in HIGHLY LUMINESCENT COLOR-SELECTIVE MATERIALS for which I am making application for a United States Patent, the said application attached hereto; and

WHEREAS, Massachusetts Institute of Technology a non-profit educational institution having offices at 77 Massachusetts Avenue, Cambridge, Massachusetts, and its successors and assigns (collectively hereinafter called "the Assignee"), is desireous of acquiring my entire right, title and interest in and to the invention, and in and to the said Applications and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, I do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said Applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said Applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

PATENT REEL: 9327 FRAME: 0365

Bashir O. Dabbousi	6/21/98
Witnessed by:	
Name:	21 teme 98

DS1,415600

## ASSIGNMENT

WHEREAS, I, Xavier Rodriguez-Viejo of Sant Cugat del Valles, Spain; having ... invented certain new and useful improvements in HIGHLY LUMINESCENT COLOR-SELECTIVE MATERIALS for which I am making application for a United States Patent, the said application attached hereto; and

WHEREAS, Massachusetts institute of Technology a non-profit educational institution having offices at 77 Massachusetts Avenue, Cambridge, Massachusetts, and its successors and assigns (collectively hereinafter called "the Assignee"), is desireous of acquiring my entire right, title and interest in and to the Invention, and in and to the said Applications and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, I do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said Applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for sald invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said Applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

SIGNED BY:	06-19-98
Xavler Rodriguez-Viejo	
Witnessed by:	
DIE L. TOURON (MI 46 ROAGA)	06-19-98
Name:	Date:
ESTER HURTOS (DNI 77913488)	06-19-98.
Name:	Date:

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