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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies)/Execution Date(s): Tomohisa VAMADA (09/22/2004) and Takuji YOSHIMOTO (09/22/2004) Execution Date(s): in parentheses after inventor name Additional name(s) of conveying party(ies) attached? Security Agreement	10/29/04 103015413	111/21/700
Tomohisa YAMADA (09/22/2004) and Takuji YOSHIMOTO (09/22/2004) Execution Date(s): in parentheses after inventor name Additional name(o) of conveying party(ieti) attached?		
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Internal Address: Internal Address: Internal Address: Street Address: Stre	· · · · · · · · · · · · · · · · · · ·	Name: Nissan Chemical Industries, Ltd.
Street Address: Street Add	YUSHIMUTU (09/22/2004)	
Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of Conveyance: X Assignment	Execution Date(s): in parentheses after inventor name	
3. Nature of Conveyance: Assignment		
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Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other A. Application or patent number(s): A. Patent Application No.(s) NEW ID 512, 988 Additional numbers attached? Additional number is being filed together with a new application. B. Patent No.(s) S. This document is being filed together with a new application. B. Patent No.(s) S. Total number of applications and patents involved: Name: Gerald M. Murphy, Jr. BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 0171-1163PUS1 Street Address: 8110 Gatehouse Rd Suite 100 East P.O. Box 747 Phone Number: (703) 205-8050 Fax Number: (703) 205-8050 Fax Number: (703) 205-8050 Famail Address: mailroom@bskb.com Total number of applications and patents involved: S. Total number of appli		
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Executive Order 9424, Confirmatory License Other Country:	Security Agreement Change of Name	City:
Additional name(s) & address(es) Yes X No 4. Application or patent number(s): A. Patent Application No.(s) NEW ID 512,988 Additional numbers attached? Additional numbers attached? Yes X No Name and address to whom correspondence concerning document should be mailed: Name: Gerald M. Murphy, Jr. BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 0171-1163PUS1 Street Address: 8110 Gatehouse Rd Suite 100 East P.O. Box 747 City: Falls Church State: VA Zip: 22040-0747 Phone Number: (703) 205-8000 Fax Number: (703) 205-8050 Email Address: mailroom@bskb.com Authorized User Name October 29, 2004 Date October 29, 2004 Date Total number of pages including cover 3	Government Interest Assignment	State:
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PATENT REEL: 016629 FRAME: 0333

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ATTORNEY DOCKET NO. 0171-1163PUS1

ASSIGNMENT

		Application No. NEW	Filed 10/29/04
nsert Name(s)	→	WHEREAS, Tomohisa YAMADA and Takuji YOSHIMOTO of	
of Inventor(s)		Funabashi-shi, Chiba, Japan and Funabashi-shi, Chiba,	Japan
nsert Title of Invention	→	(hereinafter designated as the undersigned) has (have) invented certain new and useful ORGANIC ELECTROLUMINESCENCE DEVICE AND MATERIAL THEREO	•
		for which an application for Letters Patent of the United States of America has been exe (except in the case of a provisional application).	cuted by the undersigned
nsert Date of Signing of Application	→	onSeptember 22, 2004	; and
nsert Name of Assignee	→	WHEREAS, NISSAN CHEMICAL INDUSTRIES, LTD.	
nsert Address of Assignee	→	of	01-0054 Japan
CHECK BOX FAPPROPRIATE	→	its heirs, successors, legal representatives and assigns (hereinafter designated as the acquiring the entire right, title and interest in and to said invention and in and to ar may be granted therefor in the United States of America and in any and all foreign countries.	•
		NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the paid, the receipt of which is hereby acknowledged, and other good and valuable consider has (have) sold, assigned and transferred, and by these presents does sell, assigned assignee the full and exclusive right to the said invention in the United States of dependencies and possessions and the entire right, title and interest in and to any a which may be granted therefor in the United States of America, its territories, dependencies above is designated, in any and all foreign countries;	eration, the undersigned and transfer unto said America, its territories, nd all Letters Patent(s)
		and to any and all divisions, reissues, continuations, conversions and extensions the	eof for the full term or

PATENT REEL: 016629 FRAME: 0334 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date September 22, 2004,	Name of Inventor	Tomohrsa Jame	xola
		(signature)	Tomohisa YAMADA
Date September 22,2004,	Name of Inventor	Jakuji Yoshinoto	
		(signature)	Takuji YOSHIMOTO
Date,	Name of Inventor		
		(signature)	
Date,	Name of Inventor		
		(signature)	
Date,	Name of Inventor		
		(signature)	
Date,	Name of Inventor		
		(signature)	

RECORDED: 10/29/2004

PATENT REEL: 016629 FRAME: 0335