MR As	bstitute Form PTO-1595 01 - 28 Sistant Commissioner for I Name of conveying party(ies): Show-An Chen and Yuh-Zheng Lee Additional name(s) attached? Yes	60683	Attorney Docket No.: 05189/030001 VER SHEET LY inal document. Name and address of receiving party(ies): National Science Council 18 Fl., 106 Ho-Ping E. Road, Sec. 2 Taipei, Taiwan 106
3.	Nature of conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other: Execution Date: December 6, 1999		Additional names/addresses attached? Yes No No OLA 0808460 OLA 0808460 No OLA 0808460 OLA 08084600 OLA 080846000 OLA 080846000 OLA 080846000 OLA 080846000 OLA 0808460000 OLA 080846000000000000000000000000000000000
4.	Application number(s) or patent number(s): If this document is being filed with a new ap A. Patent Application No.(s):		ution date of the application is: December 6, 1999 Patent No.(s):
	Additional	numbers attached	? □ Yes ■ No
5.	Name/address of party to whom correspond concerning document should be mailed:		Total number of applications/patents involved: 1 Total fee (37 CFR 3.41): \$40
	Y. Rocky Tsao Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	,	■ Enclosed □ Authorized to charge deposit account
	Doston, Mr. Oz 110 Zoo-	8.	Deposit account number: 06-1050 If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
		O NOT LISE THIS	SDACE

9.	Statement and signature: 7	To the best of my	knowledge	and belief	f, the foregoing	information is true a	ind correct
	and the attached is the orig	ginal document.		. 1			
			11	12		1.11	DD.

Y. Rocky Tsao, Reg. No. 34,053

1"

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 3

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Date of Deposit January 11, 2000

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

PATENT

REEL: 010512 FRAME: 0124

F	Patent Application	1
Docket	#:	

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to NATIONAL SCIENCE COUNCIL (the "Assignee"), whose post office address is 18 Fl., 106 Ho-Ping E. Road, Section 2, Taipei, Taiwan, 106, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned on **December 6.1999**, and is entitled "ELECTROLUMINISCENT CONJUGATED POLYMERS MODIFIED WITH HIGH ELETRONEGATIVE HETEROCYCLIC MOIETIES AND THEIR APPLICATIONS IN POLYMERIC LIGHT EMITTING DIODES" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Filling in date(s)
of signature →

Show-An Chen	, chon	December 6, 199 Date
Address: 	Department of Chemical Engi National Tsing-Hua University Hsinchu, Taiwan	•
Yuh - Zheng Yuh-Zheng Lee	Lee	December 6, 1999 Date

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RECORDED: 01/11/2000