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**PATENT REEL: 010994 FRAME: 0687** 

		Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT				
Correspondent N	Name and Address	Area Code and Telephone Numbe	(303) 454-2454				
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Address (line 4)							
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0	ol W. Burton	Man	August 2, 2000				
	of Person Signing	Signature	Date				

## ASSIGNMENT

WHEREAS, I, KouKou SUU, having a residence address of 4-3-2 Tomisato, Inba, Chiba, 286-0201 JAPAN, am a co-inventor of a certain new and useful invention relating to HIGH TEMPERATURE DEPOSITION OF Pt/TiO<sub>x</sub> FOR BOTTOM ELECTRODES, for which I am making or have made application for Letters Patent of the United States, said application being identified by Serial No. 09/556,255, Docket No. RAM 467 and Client/Matter No. 80412.0126, in the law firm of Hogan & Hartson, LLP, 1200 Seventeenth Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith; and

WHEREAS, ULVAC Japan, Ltd., having a business address of 401 Griffin Brook Drive, Methuen, Massachusetts 01844, ("ULVAC) is desirous of acquiring of all of my interest in and to said invention, said application, and the Letters Patent to be obtained therefor.

NOW THEREFORE, for certain good and valuable consideration to me in hand paid, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, and set over, and by these presents do hereby sell, assign, and set over to ULVAC, and said assignee's legal reprsentatives, successors, and assigns, my entire right, title, and interest in and to said invention, said application, all continuing applications, reissued and reexamined patents, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ULVAC consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, I do hereby covenant and agree with said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration, but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuing divisional, renewal, reissued or

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PATENT REEL: 010994 FRAME: 0689 extended Letters Patent of the United States, or of any and all foreign countries, on said invention, and in enforcing any rights or choices in action accurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood and the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties.

IN WITNESS WHEREOF, I hereby state I have read the foregoing Assignment and have hereunto set my hand on the date set forth.

Kou	-Kou SUU
STATE OF Colorado ) ss.  COUNTY OF El Paso )	

On this 13 th day of July, 2000, before me, a notary public in and for said county, appeared Kou-Kou SUU, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires	10-20	- 200}	
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Witness my hand and official seal.

(SEAL)

Notary Public

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RECORDED: 08/04/2000