	orm 1595 RECORD 31-92			epartment of Commer nd Trademark Office	
			518697		
		nt Commissioner f ginal documents of	for Patents: Please record the attached		
1			2. Name/address of receiving		
	execution date:		Party(ies)	-	
	TERUAKI KUGO, July 15, 2003				
	YUKIHIRO NAGAMATSU, July	15, 2003	NIPPON ELECTRIC GL	ASS CO., LTD	
	MICHIHARU ETA, July 16, 2003		7-1 SEIRAN 2-CHOME, OT	SU-SHI.	
3	. Nature of conveyance:		SHIGA-KEN, JAPAN	,	
	x Assignment Security Agr	eement			
	Merger Change of N				
	Reassignment Other		Add'1 names of receiving parties Attached? Yes X No		
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4	. Application number(s) or patent n	umber(s):		OPR/FINANCE	
	A Detent Application No. (a)		D. Deterrit N. (a)	-5 I	
	A. Patent Application No. (s)		B. Patent No.(s)	ANC	
	10/424,547	_	Yes X No	MANCE	
5	. Name and address of party to who	m	6. Total No. of applications and		
	correspondence concerning docume should be mailed:	ent	involved:		
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1	Jiawei Huang	Signatur	$\frac{w}{re} \frac{8}{1}$	2003 te	
	Registration No. 43,330	Signatur			
	ER 00000189 10424547				

PATENT REEL: 014347 FRAME: 0445

Jelf=1103

ASSIGNMENT

WHEREAS,

1. Teruaki KUGO 3. Michiharu ETA

2. Yukihiro NAGAMATSU

hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title:

GLASS MEMBER FOR CATHODE RAY TUBE

[X] Filed on: April 24, 2003 Serial No. 10/424,547

[] Executed concurrently with the execution of this instrument

WHEREAS, NIPPON ELECTRIC GLASS CO., LTD. of 7-1 Seiran 2-chome, Otsu-shi, Shiga-ken, JAPAN

hereinafter referred to as ASSIGNEES, is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

XHELLES!

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignors have signed their name(s) on the date(s) indicated.

	Teruaki	Kugo	Date	July 15, 2003	
First Joint Inventor:	Teruaki KU	IGO		,	

Signature: IUKIHIRO Nagamtsu Date July 15. 2003

Second Joint Inventor: Yukihiro NAGAMATSU

Michiharu Eta Date July 16, 2003 Signature:

Third Joint Inventor: Michiharu ETA