	07.00.00		Docket No	D.: NEC 210201
FORM PTO-1595 (Modified) (Rev. 03-01)	07-22-20		HEET	U.S. DEPARTMENT OF COMME
OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03		iii i di	•	Patent and Trademark
Tab settings → → → ▼	10250347		~	₹ 25
To the Honorable Director of the United State			record the attached	original documents or copychered
Name of conveying partv(ies) Toshihiro HORIUCHI Yoshikazu NOIRI	7.15.03	2. Name an	d address of rece	iving party(ies):
Hidefumi YOSHIZOE Shinji UEEBISU		-	1753 Shimonuma	
Toshiaki MUKAI Additional names(s) of conveying party(ies)	☐ Yes ☒ No		Nakahara-ku, K	
3. Nature of conveyance:				
	Merger	·····		
☐ Security Agreement ☐	Change of Name	City: Kar	nagawa	State/Prov.:
Other		Country:	JAPAN	ZIP: 211-8666
Execution Date: July 8, 2003		Additional nar	me(s) & address(es)	☐ Yes 🛍 No
4. Application number(s) or patent numb	ers(s):			
/ If this document is being filed together	with a new application	, the executio	n date of the appl	ication is: July 8, 2003
Patent Application No. Filing	date	B. F	Patent No.(s)	
		-	4.0.11 (10.(0)	
7/18/2003 MAHMED1 00000115 10620125				
02 FC:8021 40.00 0				
	Additional numbers	☐ Yes	🛛 No	
Name and address of party to whom correspondence concerning document should be mailed:				ns and patents involved:
Name: Norman P. Soloway		7. Total fee	(37 CFR 3.41):	\$ 40.00
Registration No. 24,315				or insufficiency should be
Address: HAYES SOLOWAY P.C.		ted or debited to d		
130 W. Cushing Street		☐ Autho	orized to be charge	ed to deposit account
		8. Deposit a	ccount number:	
City: Tucson Sta	te/Prov.: Arizona	08-139	91	
Country: U.S.A. ZIP	<u>85701</u>	(Attach du	uplicate copy of this pa	ge if paying by deposit account)
9. Statement and signature.	DO NOT L	JSE THIS SPAC	E	
To the best of my knowledge and belied of the original document.	ef, the foregoing informa 	ation is true a	nd correct and an	y attached copy is a true copy
Norman P. Soloway	-Vom	1/2	2ng	July 15, 2003
Name of Person Signing		Signature		Date
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PATENT

REEL: 014284 FRAME: 0845

ASSIGNMENT

FOREIGN - IN THE UNITED STATES OF AMERICA

I/we,	TOSHIHIRO HORIUCHI, YOSHIKAZU NOIRI, HIDEFUMI YOSHIZOE,
	SHINJI UEEBISU and TOSHIAKI MUKAI
of Kago	shima, Japan
having in	vented certain inventions and improvements in
METHOD FOR	MANUFACTURING LIQUID CRYSTAL DISPLAY DEVICE
and having	g executed an application for Letters Patent of the United
States of	America describing the same and based thereon on
July 8	, 2003 , for good and valuable consideration, the
receipt o	f which is hereby acknowledged, from NEC LCD Technologies, Ltd.
	a <u>Japanese</u> corporation
having it	s principal place of business at 1753 Shimonumabe, Nakahara-ku,
Kawasaki,	Kanagawa 211-8666, Japan (hereinafter
called the	e Assignee), do hereby sell, assign and transfer unto the
Assignee,	its successors, and assigns our entire rights, title, and
interest,	in and to said invention in the United States of America,
including	all rights, title and interest in the above-mentioned
applicati	on and any divisional, continuing or reissue application or
applicati	ons, and any patent which may be issued on the said invention
in the Un	ited States of America.

And for the same consideration, I/we do hereby agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application.

And I/we do hereby authorize the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee.

> PATENT REEL: 014284 FRAME: 0846

And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our rights, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we have hereunto set our hands and seals on the day and year hereinafter noted.

Sole or First	
Inventor's signature Joshikico 1	Date July 8, 2003
Full name (typed or printed) TOSHIH	IRO HORIUCHI
Witness: Tomogubioka	Witness:
Date: July 8, 2003	Date; July 8, 2003
Second Inventor's	
signature Yoshikayu Moori	Date July 8, 2003
Full name (typed or printed) YOSHIK	AZU NOIRI
	Witness: Mindo
Date: July 8, 2003	Date:
mbind Turnentoute	
Third Inventor's	
signature Midefumi Yoshizoe	Date
Full name (typed or printed) HIDEFU	MI YOSHIZOE
Witness: Tomoyuki Oka	Witness: Me mud
Date: July 8, 2003	Date: July 8, 2003

Fourth Inventor's	
signature Shing Wellie	Date
Full name (typed or printed) SHINJ	UI UEEBISU /
Witness: Tomoyuki Oko	Witness:
Date: July 8, 2003	Date; July 8, 2003
Fifth Inventor's signature <u>Foshiaki Muke</u>	Date July 8, 2003
Full name (typed or printed) TOSHI	AKI MUKAI
Witness: Tomografat Oka	Witness:
Date: July 8, 2003	Date: July 8, 2003

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RECORDED: 07/15/2003