Atty. Docket No.: 2257-0172P Page 1 of 1

01-18-2001

1/5/01	SHEET 2		
To th 101587532 1 Trademarks:			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)		
OHTSUKA, Syouji; MAESHIMA, Kazuya;	Name: MITSUBISHI DENKI KABUSHIKI		
KAWASAKI; Kenichi	Internal Address:		
Additional name(s) of conveying party(ies) attached? YES NO	Street Address: 2-3, Marunouchi 2-chome City: Chiyoda-ku State: Tokyo ZIP:		
3. Nature of conveyance:			
	Country: JAPAN Postal Code: 100-8310		
Security Agreement Change of Name	Additional name(s) & address(es) attached? YES NO		
Date: December 25, 2000	9/754361		
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, the	ne execution date of the application is:		
December 25, 2000			
A. Patent Application No(s).	B. Patent No.(s).		
NEW			
. Additional numbers attac	thed? TYES NO		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total No. of applications/patents involved: ONE (1)		
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	7. Total fee (37 C.F.R. § 3.41): \$40.00		
Street Address: P.O. BOX 747	⊠ Enclosed		
City: FALLS CHURCH State: VA ZIP: 22040-0747	Authorized to be charged to deposit account, if no fee attached.		
Country: USA	8. Deposit account number: <u>02-2448</u>		
	(Attach triplicate copy of this page if paying by deposit account)		
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9. Statement and signature.			
To the best of my knowledge and belief, the foregoing is copy of the original document. John A. Castellano, #35,094 Name of Person Signing/Reg. No.	Information is true and correct and any attached copy is a true January 5, 2001 Date		
Total number of pages including cover sheet, attachments, and document: THREE (3)			

JAC/pf

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(Rev. 04/19/2000)

PATENT REEL: 011430 FRAME: 0245

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ATTORNEY DOCKET NO. 2257-0172P

ASSIGNMENT

	Application No. NEW	Filed
	WHEREAS, Syouji OHTSUKA AND Kazuya M	AESHIMA, both of
	c/o MITSUBISHI DENKI KABUSHIKI KAISHA,	2-3, Marunouchi 2-chome,
Insert Name(s) of Inventor(s)	Chiyoda-ku, TOKYO 100-8310 JAPAN and Ke	nichi KAWASAKI of
	c/o MITSUBISHI DENKI KONTOROORU SOFUTOU	EA KABUSHIKI KAISHA, 1-3,
	Hamayamadoori 6-chome, Hyogo-ku, HYOGO	652-0871 JAPAN
	(hereinafter designated as the undersigned) has (have) invente	d certain new and useful improvements in
Insert Title of Invention	DISPLAY UNIT, DISPLAY CONTROL DEVICE A	ND DISPLAY DEVICE
	for which an application for Letters Patent of the United States	of America has been executed by the undersigned
Insert Date of Signing of Application	VII	; and
pp	WHEREAS, MITSUBISHI DENKI KABUSHIK	I KAISHA
Insert Name of Assignee		
Insert Address of Assignee	of 2-3, Marunouchi 2-chome, Chiyoda-ku	, TOKYO 100-8310 JAPAN
	its heirs, successors, legal representatives and assigns (hereinafter the entire right, title and interest in and to said invention and in therefor in the	designated as the Assignee) is desirous of acquiring n and to any Letters Patent(s) that may be granted
CHECK ONE BOX	 (1) United States of America only; or (2) United States of America and any and all foreign countries 	
	NOW, THEREFORE, in consideration of the sum of Ten D receipt of which is hereby acknowledged, and other good and valuassigned and transferred, and by these presents do sell, assign an right to the said invention in:	uable consideration, the undersigned has (have) sold,
	1. the United States of America, its territories, dependent interest in and to any and all Letters Patent(s) which may be greaterritories, dependencies and possessions, if box (1) above is designed.	ranted therefor in the United States of America, its
	or	
,	 the United States of America, its territories, dependencies and the entire right, title and interest in and to any and all Lett United States of America, its territories, dependencies and posses above is designated; 	ters Patent(s) which may be granted therefor in the

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

PATENT REEL: 011430 FRAME: 0246 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional 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 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/or any and all foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing 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 and 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	December 25, 2000 name of Inventor	Syouji OHTSUKA (signature) (SE	AL)
Date []]	December 25, 2000, Name of Inventor	Kazuya MAESHIMA (signature) (SE	AL)
Date	December 25, 2000, Name of Inventor	Kenichi KAWASAKI (signature) (SE	AL)
Date	, Name of Inventor	(SE(signature)	AL)
Date	, Name of Inventor	(SE(signature)	AL)
Date	, Name of Inventor	(SE(signature)	AL)
	The execution by the Inventor(s) of this ass	signment may be witnessed by at least two other persons who sign here.	
	Witness		
	Witness		

RECORDED: 01/05/2001

PATENT REEL: 011430 FRAME: 0247