FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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Correspondent Name and Address	Area Code and Telephone Number	(703) 770-9300
Name Donald R. Stud	ebaker	
Address (line 1) NIXON PEABO	ODY LLP	
Address (line 2) 8180 Greensbor	ro Drive	
Address (line 3) Suite 800		
Address (line 4) McLean, VA 2	2102	
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f this document is being filed together wit pplication was signed by the first named	th a <u>new</u> Patent Application, enter the date the pexecuting inventor.	oatent Month Date Year
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Enter PCT application number only if a U.S. Application Number	PCT PCT	PCT PCT
has not been assigned.	PCT PCT	Tel
Number of Properties Ente	er the total number of properties involved.	# 1
Fee Amount Fee A	Amount for Properties Listed (37 CFR 3.4	1): \$ 40.00
Method of Payment:	Enclosed Deposit Account	
	unt or if additional fees can be charged to the ac Deposit Account Number:	# 19-2380
	Authorization to charge additional f	ees: Yes 🗷 No 🗆
Statement and Signature To the best of my knowledge attached copy is a true copy indicated herein.	e and belief, the foregoing information is tri of the original document. Charges to depo	ue and correct and any sit account are authorized, as
Donald R. Studebaker	Then.	February 23, 2001
Name of Person Signing	Signature	Date

PATENT REEL: 011598 FRAME: 0356

SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C. United States Patent Rights

ASSIGNMENT

	Serial No.		Filed
	WHEREAS,	Tsutomu	Kurose
Insert Name(s) of Inventor(s)			
Insert Title of	(hereinafter designa	ited as the undersigned) has (I	have) invented certain new and useful improvements in
Invention	"METHOD OF	' AND APPARATUS E	FOR DISTINGUISHING TYPE OF PIXEL"
Insert Date of Signing of Application	for which an applic		United States of America has been executed by the undersigned on 2001 ; and
Insert Name of Assignee		Riso Kagal	ku Corporation
Insert Address of Assignee	of2-20-	-15, Shinbashi,	Minato-ku, Tokyo, Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in 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: 011598 FRAME: 0357 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 any continuation, division or reissue thereof or Letters 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 under 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 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 Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America 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 convenants 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 Sixbey, Friedman, Leedom & Ferguson, P.C. 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.

In witness whereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

DateFebruary 9,	, Name of Inventor	Tsutomu	(signature)	(SEAL)
Date	, Name of Inventor		(signature)	(SEAL)
Date	, Name of Inventor		(signature)	(SEAL)
Date	, Name of Inventor	· · · · · · · · · · · · · · · · · · ·	(signature)	(SEAL)
Date	, Name of Inventor		(signature)	(SEAL)
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Witness	(name)		(sign	ature)
Witness	(name)	· · ·	(sign	sature)

(name)

RECORDED: 02/23/2001

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PATENT REEL: 011598 FRAME: 0358

(signature)