A) D 581 (Docket No.: L918102130 / U 3 8 8		
FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) POB/REV03	VER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office VER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office VER SHEET VER SH		
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To the Honorable Commissio 1. Name of conveying party(ies): Koji IMURA Daiji IDO Akihiro MIYAZAKI Koichi HATA 102091545 1 02091545	ecord the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name: Matsushita Electric Industrial Co., LTD. Internal Address: 1006, Oaza Kadoma		
Additional names(s) of conveying party(ies)	Kadoma-shi, Osaka 571-8501		
3. Nature of conveyance:	JAPAN		
☑ Assignment☐ Merger☐ Security Agreement☐ Change of Name	Street Address:		
☐ Other	City: State: ZIP:		
Execution Date: December 3, 2001	Additional name(s) & address(es) attached? Yes No		
A. Patent Application No.(s) 1.0, 0703 8 8 07/12/2002 UEDUVIJE 00000053 10070388 4 FC:581 40.00 07	B. Patent No.(s)		
Additional numbers attack	∣ hed? 🗀 Yes 🔀 No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: James E. Ledbetter, Esq.	7. Total fee (37 CFR 3.41):\$ 40.00		
Internal Address: L9289.02139	Enclosed - Any excess or insufficiency should be credited or debited to deposit account		
	Authorized to be charged to deposit account		
Street Address: Stevens, Davis, Miller & Mosher, LLP	8. Deposit account number:		
1615 L. Street, NW, Suite 850	19-4375		
City: Washington State: DC ZIP: 20036	(Attach duplicate copy of this page if paying by deposit account)		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document.	0.43.159		
James E. Ledbetter, Reg. No. 28,732			
Name of Person Signing Total number of pages including cover sh	Signature Date leet, attachments, and document:		

USA ASSIGNMENT OF PATENT APPLICATION

(1)	Koji IMURA			
(2)	Daiji IDO			9.5
(3)	Akihiro MIYAZA			
(4)				
(5)				
the und	In consideration of ersigned, the undersigned	the sum of one dollar (\$1 agree(s) to assign, and	.00) and other good and valuable co hereby does assign, transfer and set	nsideration paid to each of over to
(6)	MATSUSHITA EI	LECTRIC INDUSTRIA	L CO., LTD	_
(6a)	of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan			
(7)				_
(7a)	of			-
(here depe	inafter designated as the ndencies and possession	Assignee) the entire rights, and for the country of	its, title and interest for the United S	states, its territories,
(8) whic	h may be granted there		n, and all applications for patent ar	nd any Letters Patent
(9)	IMAGE CODING	APPARATUS AND	IMAGE CODING METH	OD
			(Case No.	
for w Ame	which the undersigned har rica or, if not on even da	s (have) executed on eve	n date herewith an application for pa	atent in the United States of
(10)	on		or has already filed	
(11)	U.S. appln. Serial	No	, filed on	
	the invention was mad	e.	ion of assignment of this invention	
applications thereof and expedient.	also to execute separate a	ssignments in connection v	onnection with the application and any with such applications as the Assignee	may deem necessary or
2) The under	rsigned agree(s) to execut quation or division thereof	e all papers necessary in co and to cooperate with the	nnection with any interference which Assignee in every way possible in ob	may be declared concerning taining such evidence and
going forward with such	interference.	e all papers and documents	s and perform any act which may be n rial Property or similar agreements.	ecessary in connection with
claims or provisions of the under	he International Conventi	on for Protection of Indust m all affirmative acts which	rial Property or similar agreements. h may be necessary to obtain a grant o	f a valid United States patent
to the Assignee. 5) The unde States resulting from said entire interest, and hereb not executed and will no	rsigned hereby authorize(d application or any divisity covenants that he has (to execute, any agreement)	s) and request(s) the Comron or divisions or continu hey have) full right to coninconflict herewith.	nissioner of Patents to issue any and a ing applications thereof to the said As vey the entire interest herein assigned.	Il Letters Patent of the United signee, as Assignee of the and that he has (they have)
assignment any further in	dentification which may t	se necessary of destrable to	comply with the rules of the United Sposite the undersigned signature(s).	States Patent Office for
n witness with	her 3. 2001	Signature of Inventor	(1) Kuji Amura	(Seal)
Date Decer	mber 3, 2001	Signature of Inventor	(2) Daiji Ado	(Seal)
Data Decev	mber 3, 2001	Signature of Inventor	(3) akihire miya	zaki (Seal)
Date Dele	wher 3, 2001	Signature of Inventor	(3) Ukihire Miya (4) Kocchi H	ata (Seal)
Date	ent should preferably be	_ Signature of inventor signed before: (a) a Nota	(5) ary Public if within the U.S.A., or (b	a U.S. Counsel if outside
the U.S.A. If neither	, then it should be signed	before at least two with	esses who also sign here.	
Date		_ Signature of Witness		(Seal)
Date				(Seal)
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RECORDED: 03/06/2002

PATENT REEL: 012881 FRAME: 0600