01-12-2001			
FORM PTO-1596 1-31-92 Dockei No.: 58799-019		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner for Pater 101	580964	.ed original documents or copy thereto:	
1. Name of Conveying Parties:	2. Name and address	of receiving party:	
Taku NAKAMURA, Yukio FUJII, Kenji KATSUMATA,	Name: Hitachi, I	Ltd.	
and Hiroyuki KOREEDA MLD			
1/3/01	Address: 6, Kanda	Surugadai 4-chome	
Additional name(s) of conveying party(ies) attached? Yes	Chiyoda-	ku	
3. Nature of Conveyance:	Co Tokyo, J	Japan (
	nn El		
Security Agreement Change of Name	IAN 0 3 2007 3		
Other	a. sign		
Execution Date: September 6, 2000	CATEMIA TRADE	_	
	Additional name(s) &	address(es) attached? Yes	
4. Application number(s) or patent number(s):			
If the document is being filed together with a new application,	I	ne application is:	
A. Patent Application No(s).	B. Patent No(s).		
09/659,559, filed September 11, 2000			
Additional numbers attached? Yes			
		oplications and patents involved:	
5. Name and address of party to whom correspondence		opineations and patents involved.	
concerning document should be mailed:	7. Total fee (37 CFR	3 41) \$40.00	
Name: MCDERMOTT, WILL & EMERY	Enclosed	2.1.1)	
Internal Address:		be charged to deposit account	
Street Address: 600 13th Street, N.W.	8. Deposit account m		
Street Address: 600 13th Street, N.W.	500417		
City: Washington State: DC Zip: 20005			
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9. Statement and signature.		the standard come is a true conv	
 Statement and signature. To the best of my knowledge and belief, the foregoing in 	formation is true and co	orrect and any attached copy is a true copy	
of the original document.	2011		
\mathcal{L}		January 3, 2001	
Michael E. Fogarty, 36,139		Date	
Name and Registration No. of Person Signing	Signature		
	Total number of pages	s comprising cover sheet: 1	
CMB No. 0851-0011 (exp. 4/94)			

01/10/2001 DHGUYEN 00000151 500417 09659559 01 FC:581 40.00 CH

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

RECEIVER, CPU AND DECODER FOR DIGITAL BROADCAST

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

RECORDED: 01/03/2001

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Taku Nakamura	September 6, 2000.
2)	September 6, 2000 September 6, 2000
3) <u>Hanji Hatsumata</u>	
4) <u>Hiroyski Korceda</u>	Septenber 6, 2000
5)	
6)	
7)	
8)	
9)	
10)	

PATENT REEL: 011407 FRAME: 0243

Date Signed