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Name (line 2)	10 5 Takatsı	ıkacho, Nishinom	ivo chi U	vogo 662 00	66 Ionan				
			11ya-5111, 11	yogo 002-00	оо зарап				Execution Date Month Day Year
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PATENT

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FORM PTO-1619B Expires 06/30/99	Page 2		S. Departme		
OMB 0651-0027	r age 2	• •		TENT	IIICe
Correspondent Name and Address	Area Code and Telepho	ne Number	602-382		2002
Name Michael K. Kelly				6.4	
Address (line 1) SNELL & WILMER, LLP					
Address (line 2) One Arizona Center			77.5.4		
Address (line 3) 400 E. Van Buren Street					
Address (line 4) Phoenix, AZ 85004-2202					
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Michael K. Kelly, Reg. No. 32,848

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September 3, 2002

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19-2814

No

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#

Yes

Date

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

- Hiroyuki NISHI; 305, Rune Hamadayama, 3-23-9, Hamadayama, Suginami-ku, Tokyo 168-0065 Japan
- Fumiyuki KATO;
 2. 104, Haihomu Nagatsuda,
 35-5, Ibukino, Midori-ku, Yokohama-shi,
 Kanagawa 226-0028 Japan
- Ryuhei AKIYAMA;
 10-5, Takatsukacho, Nishinomiya-shi,
 Hyogo 662-0066 Japan
- 4. Hiroki MAEDA:
 16-14, Machikaneyamacho, Toyonaka-shi,
 Osaka 560-0043 Japan

have invented and own a certain invention entitled:

BROADCAST INFORMATION RECEIVING APPARATUS AND BROADCAST INFORMATION RECEIVING METHOD

for which application for Letters Patent of the United States was filed as U.S. Serial No.

To be assigned on 9/3/2002 and

WHEREAS, the ASSIGNEE(S):

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

and

DENTSU INC. 1-11-10, Tsukiji, Chuo-ku, Tokyo 104-8426 Japan

are desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEES the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

PATENT REEL: 013355 FRAME: 0269 ASSIGNORS hereby covenant that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNORS further covenant that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEES or their legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this	day of	
		August 23, 2002 1. /tiroyuki Mishi (Hiroyuki NISHI)
		August 21, 2002 2. Tumuyulu Kato (Fumiyuki KATO)
		3(Ryuhei AKIYAMA)
		4(Hiroki MAEDA)

ASSIGNORS hereby covenant that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNORS further covenant that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEES or their legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this	day of	,
		·
		1 (Hiroyuki NISHI)
		•
		2(Fumiyuki KATO)
		· •
•		August 14, 2002
		3. The fleigan. (Ryuhei AKIYAMA)
		August 22, 2002
		4 Jaioh: Mueda.
		(Hiroki MAEDA)

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RECORDED: 09/03/2002