



Docket No.: 0670-241

To the Honorable Assistant Commissioner for Patent. Please record the attached original documents or copy thereof.

1. Additio	Name of conveying parties: (1) Kenichi SHIRAISHI, (2) Akihiro HORII, (3) Shoji MATSUDA, (4) Soichi SHINJO anal name(s) of conveying party(ies) attached? [] Yes [X] No
2.	Name and address of receiving parties:
	KABUSHIKI KAISHA KENWOOD
Street A	Address: 14-6, Dougenzaka 1-chome, Shibuya-ku, Tokyo 150-0043, Japan
City, St	tate, Zip:
3.	tate, Zip:  Name of Conveyance:  [Y] Assignment  [ ] Merger
	[A] Assignment [ ] Weiger
	[ ] Security Agreement [ ] Change of Name [ ] Other
	Execution Dates: (1) April 17, 2000, (2) April 17, 2000, (3) April 17, 2000, (4) April 17, 2000
4.	Application number(s) or patent number(s): 09/582,229  If this document is being filed together with a new application, the execution date of the application is:  Title: DIGITAL DEMODULATOR
	A: Patent Application No.(s) 09/582,229 B. Patent No.(s)  Additional numbers attached? [ ] Yes [ ] No
5.	Name and address of party to whom correspondence concerning document should be mailed:  Name: NIXON PEABODY LLP
	Street Address: 8180 Greensboro Drive, Suite 800
	City: McLean State: Virginia ZIP 22102
6.	Total number of applications and patents involved: 1
7.	Total fee (37 CFR 3.41):\$40.00  [ ] Enclosed [ ] Authorized to be changed to deposit account
	[ X ] Fee already paid
	HOL
8. Deposit Account Number:(Attach duplicate copy of this page if paying by deposit account)	
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Eric I	Robinson /5/16/2000
	of Person Signing Signature Date
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Total number of pages including cover sheet, attachments, and document: 3

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## NIXON PEABODY LLP United States Patent Rights

Attorney Docket No.

#### **ASSIGNMENT**

# WHEREAS <u>Kenichi SHIRAISHI, Akihiro HORII, Shoji MATSUDA and Soichi SHINIO</u>

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in **DIGITAL DEMODULATOR** 

for which an application for Letters Patent of the United States of America has been executed by the undersigned on \_\_\_\_\_\_, and;

WHEREAS, KABUSHIKI KAISHA KENWOOD of 14-6, Dougenzaka 1-chome, Shibuya-ku, Tokyo 150-0043, 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 and for all foreign countries, 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.

The undersigned agree(s) to execute all papers necessary in connection with this application of 7/26/2000 agrand agree(s) to execute all papers necessary in connection with this application of 7/26/2000 agrand agree(s) to execute all papers necessary in connection with this application of 7/26/2000 agrand agree(s) to execute all papers necessary in connection with this application of 7/26/2000 agrand agree(s) to execute all papers necessary in connection with this application of 7/26/2000 agrand agree(s) to execute all papers necessary in connection with this application of 7/26/2000 agrand agree(s) to execute all papers necessary in connection with this application of 7/26/2000 agrand agree(s) to execute all papers necessary in connection with this application of 7/26/2000 agrand agree(s) to execute 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.

PATENT REEL: 011206 FRAME: 0038 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 Nixon Peabody 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.

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

Date Apr. 17, 100,	Name of Inventor Kenichi Shiraish	À (SEAL)
Date Apr. 17. 60	Name of Inventor Akihiro Horii	_ (SEAL)
Date Atr. 10, 200,0	Name of Inventor Shoft Matsuda	_ (SEAL)
Date Apr. 17. 2000	Name of Inventor Soich: Shinjo	_ (SEAL)
Date,	Name of Inventor	_(SEAL)
Date,	Name of Inventor	_ (SEAL)
Date,	Name of Inventor	_(SEAL)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.)

Witness	Kimihiro KUBOTA	Kinihere Kultota
	(name)	(signature)
Witness	Hiroyuki HASHIMOTO	diroguki staskimotor
	(name)	(signature)

PATENT REEL: 011206 FRAME: 0039 OCT 1 8 2000 B

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Attorney Docket No .:

0670-241

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of )
Katoh HISAKAZU, et al. )
Serial No. 09/582,229

Filed: July 21, 2000

For: DIGITAL DEMODULATOR

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2000 AAIL ROC

Examiner: Unknown CERTIFICATE OF MAILING

Art Unit: 2734

### **LETTER AND RESPONSE**

Commissioner of Patents Washington, D.C. 20231 Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assista Commissioner for Patents, Washingto: D.C. 20231 on 17,2000

In response to the U.S. Patent and Trademark Notice of Non-Recordation of Documents mailed September 27, 2000, it is respectfully submitted that the Recordation Sheet filed with the 2 Assignment documents on July 21, 2000 contained all execution dates, albeit inclusively. Therefore, to comply with the Notice, attached is a new Recordation form for each Assignment document. Also attached is a copy of the U.S.P.T.O. Notice and the OIPE stamped postcard showing that the recordation fee for two assignments (\$80.00) has been paid. Therefore, it is believed that no additional fee is required.

If the Commissioner believes that a fee is required, he is hereby authorized to charge fees under 37 C.F.R. 1.16, 1.17, 1.20(a), 1.20(b), 1.20(c) and 1.20(d) which may be required, to Deposit Account No. 19-2380. A duplicate copy of this sheet is attached.

Respectfully submitted,

NIXON PEABODY LLP

Eric J. Robinson

Reg. No. 38,285

EJR/JHV/llb

NIXON PEABODY LLP 8180 Greensboro Drive, Suite 800

**RECORDED: 07/21/2000** 

McLean, Virginia 22102 (703) 790-9110

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