

FORM PTO-1619A

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Name (line 1)

Akai Electric Co., Ltd.

Name (line 2)

Execution Date
Month Day Year

11 12 1999

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party



Mark if additional names of receiving parties attached

Name (line 1)

Akai Musical Instrument Corporation

Name (line 2)

If document to be recorded
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Address (line 1)

4710 Mercantile Drive

Address (line 2)

Address (line 3)

Fort Worth

Texas U.S.A.

76161

City

State/Country

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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Address (line 4)

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PATENT

REEL: 010909 FRAME: 0840

Correspondent Name and Address

Area Code and Telephone Number **214.651.5066**

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Pages

Enter the total number of pages of the attached conveyance document including any attachments.

3

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

4,829,463

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
6 14 2000

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

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Deposit Account

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08-1394

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No

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Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Name of Person Signing

Signature

Date

PATENT ASSIGNMENT

This Patent Assignment (the "Assignment"), is entered into this 12th day of November, 1999, by and between Akai Musical Instrument Corporation, a Texas corporation having an address at 4710 Mercantile Drive, Fort Worth, Texas 76161, USA (the "Assignee"), and Akai Electric Co., Ltd., a Japanese joint stock company having an address at 11-5, Shin-yokohama 2-Chome, Kohoku-ku, Yokohama, 222-0033 Japan (the "Assignor").

WITNESSETH:

WHEREAS, Assignor, through its Electronic Musical Instrument Division, is engaged in the business of researching, designing, manufacturing, marketing and selling a variety of equipment, software and peripheral devices for use in working with music and voice and satellite transmitted data in electronic form, including without limitation products involved with the creation, acquisition, production, presentation and archiving of audio, video and data content utilized by professionals, government entities, and hobbyists for the purpose of commercial audio, video and data content creation and presentation, which products include without limitation all of the products marketed under the following marks: AKAI DIGITAL; AKAI PROFESSIONAL; the DPS, DL, MT, AMX, DD, DV, DDX, DR, DP, RC, CD, RE, ASR, GCF, EWI, S and MPC product series names; SHRED-O-MATIC; INTELLIPHASE; HEADRUSH; VARIWAH; TUNE LOCK; REMIX; SUPERVIEW; MESA; and HALF THE CALORIES ALL THE PHAT (collectively, the "EMI Business");

WHEREAS, Assignor is the owner of all right, title and interest in and to all patents and pending applications, and the inventions described therein, used or usable in the EMI Business, including without limitation those patents and pending applications listed on attached Schedule 1 (collectively, the "Patents"); and

WHEREAS, Assignee is desirous of acquiring the Patents and all other rights owned by Assignor in the Patents.

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which hereby acknowledged, Assignor assigns to Assignee and its successors and assigns the entire right, title, and interest, throughout the world, in and to the Patents, all the inventions described therein and all patents which may be granted therefor, and all divisions, reissues, reexaminations, renewals, substitutions, continuations, and extensions thereof, including the right to sue for and collect damages for past infringement. Assignor authorizes and requests the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for the inventions, and patents resulting therefrom, to Assignee.

Assignor shall deliver to Assignee all files in its possession or in possession of its agents concerning the Patents, including all patent prosecution and enforcement files.

Assignor covenants that it has the full right to convey the entire right, title, and interest in and to the Patents and the rights herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith. Assignor further covenants and agrees that it will sign all lawful papers, make all rightful declarations and/or oaths and generally do what is necessary to enable Assignee, its successors, legal representatives and assigns, to record and enforce this Assignment and properly protect and enforce the Patents in all countries. Moreover, as the parties acknowledge that the attached Schedule 1 fails to list many of the Patents and applications therefor being assigned hereunder, Assignor covenants that it will cooperate with Assignee to create the complete list and then sign all lawful papers, make all rightful declarations and/or oaths and generally do what is necessary to enable Assignee, its successors, legal representatives and assigns, to vest record title of such patents and applications in the name of Assignee.

IN WITNESS WHEREOF the parties hereto have executed this Assignment as of the date set forth above by their duly authorized representatives.

AKAI ELECTRIC CO., LTD.

By:


James H. Ting, Member of the Board of Directors

AKAI MUSICAL INSTRUMENT CORPORATION

By:


William Thomas Moore, President

SCHEDULE 1

PATENT AND TECHNOLOGY PORTFOLIO

Patent Portfolio:

1. U.S. Pat. No. 4,829,463, entitled Programmed Time-Changing Coefficient Digital Filter, by Kakishita and Katsumoto, issued May 9, 1989, from Application Serial No. 844,089 filed March 26, 1986.
2. Japanese Pat. No. 1741602, entitled Compensation Method of Power Voltage in Amplifier with Pulse Width Variance, issued March 15, 1993, from Application Serial No. 158987 filed July 31, 1984.
3. Japanese Pat. No. 1882055, entitled Pitch Transformer, issued November 10, 1994, from Application Serial No. 85677 filed April 26, 1984.
4. Japanese Pat. No. 2127578, entitled A Musical Instrument with a Programmed Time-Changing Coefficient Digital Filter, issued February 2, 1997, from Application Serial No. 202211 filed September 11, 1985.
5. German Pat. No. 3688600, entitled A Musical Instrument with a Programmed Time-Changing Coefficient Digital Filter, issued July 29, 1993, from Application Serial No. 86104258 filed March 27, 1986.
6. European Pat. No. 198293, entitled A Musical Instrument with a Programmed Time-Changing Coefficient Digital Filter, issued June 23, 1993, from Application Serial No. 86104258 filed March 27, 1986.

Technology: - See attached page

List of acquired technology

Model No.	Analog Signal Process	Digital Signal Process	Sampling	Memory Control	Storage Device Control	Networking	HUI
SG0000000	AD/DA peripheral circuit EMC measure	AES/EBU signal handling DSP control DSP Effects control Digital synthesis	ADC/DAC control .WAV file Pitch play	RAM/ROM/UF-ROM	Flippy drive SCSI HDD, MOD, CD, Jaz, Zip DOS format, AKA format Random Access Disk control	SCSI control MIDI control USB control	LCD control Front Panel control
CD00000XL							
MPC2000XL	AD/DA peripheral circuit EMC measure	AES/EBU signal handling DSP control Sequence control	ADC/DAC control .WAV file Pitch play	RAM/ROM/UF-ROM	Flippy drive SCSI HDD, MOD, CD, Zip DOS format, AKA format	SCSI control MIDI control LTC control	LCD control Front Panel control
MPC3000LE							
CD1600DL1500	AD/DA peripheral circuit EMC measure	AES/EBU signal handling Adel, TDSF signal handling DSP control DSP Effects control	24bit/96kHz High resolution ADC/DAC control .WAV file	RAM/ROM/UF-ROM	Flippy drive SCSI HDD, MOD DOS format, AKA format Random Access Disk control	SCSI control MIDI control Ethernet control PS-422 control LTC control	LCD control Front Panel control VGA monitor control
DDplus							
DR16pro							
RE32							
DPS12	AD/DA peripheral circuit EMC measure	AES/EBU signal handling DSP control DSP Effects control	ADC/DAC control 24bit/96kHz High resolution	RAM/ROM/UF-ROM	SCSI HDD, CD-R/RW IDE HDD DOS format, AKA format Random Access Disk control	SCSI control MIDI control	LCD control Front Panel control
DPS16							
AMR4/10	Amp, Mix Pulse power supply EMC measure	class-D power amp. DSP Effects control					
PAD500/1000							
EB0016/24/4M	Amp, Mix, Filter, Effects EMC measure	DSP Effects control	ADC/DAC control Pitch play	RAM/ROM			
D16UP1W1A/81							
EW0020	Amp, Mix, Filter, Effects Analog synthesis Sensor control EMC measure	DSP Effects control	DAC control Pitch play	RAM/ROM		MIDI control	LCD control Front Panel control
EW13020m/3030m							
U400/T1	AD/DA peripheral circuit EMC measure	DSP control Pitch detect	ADC/DAC control Pitch play	RAM/ROM			LCD control Front Panel control
OCF1/KCF1							
MEGA II							
EtherView PC							
OSMaster							
CG112SG112	Pickup, Bridge Amp, Mix, Filter EMC measure				Flippy drive control SCSI HDD, MOD, Jaz, Zip	SCSI control MIDI control Ethernet control	GUI
SB411/SBS11							
FRG1							
Photo pickup							