AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of New York on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
22cv2670(GRB)(AYS)	5/9/2022	Eastern District of New York

PLAINTIFF	DEFENDANT
inMusic Brands, Inc.	Innovative Technology Electronics, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	7,567,498	7/28/2009	Phonographic Turntable with Built-in Audio to USB or Firewire Device
2			Holder: Stanton Magnetics, Inc.
3			(See Attached Complaint and Exhibit)
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
Brenna B. Mahoney	Laura Jakubowski	5/10/2022

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Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

SONY 1008

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of New York on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
22cv2575(GRB)(ARL)	5/5/2022	Eastern District of New York

PLAINTIFF	DEFENDANT
inMusic Brands, Inc.	Music Hall, LLC

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	7,567,498	7/28/2009	Phonographic Turntable with Built-in Audio to USB or Firewire Device
2			Holder: Stanton Magnetics, Inc.
3			(See Attached Complaint and Exhibit)
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

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Brenna B. Mahoney	Laura Jakubowski	5/5/2022

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AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Northern District of Illinois on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
21cv5882	11/3/2021	Northern District of Illinois

PLAINTIFF	DEFENDANT
inMusic Brands, Inc.	Spectra Merchandising International, Inc.

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 See Attachment		
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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Thomas G. Bruton	J. Hollimon	11/4/2021

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EXHIBIT 1

US007567498B2

(12) **United States Patent**
Mazur et al.

(10) **Patent No.: US 7,567,498 B2**
(45) **Date of Patent: Jul. 28, 2009**

(54) **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

(75) Inventors: **James Mazur**, Ft. Lauderdale, FL (US); **Alan Flum**, Tamarac, FL (US); **Erik Themmen**, Pompano Beach, FL (US); **Mark Demouy**, Hollywood, FL (US); **Darrin Young**, Ft. Lauderdale, FL (US)

(73) Assignee: **Stanton Magnetics, Inc.**, Boynton Beach, FL (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 651 days.

(21) Appl. No.: **10/862,942**

(22) Filed: **Jun. 8, 2004**

(65) **Prior Publication Data**

US 2005/0270926 A1 Dec. 8, 2005

(51) **Int. Cl.**
G11B 7/00 (2006.01)

(52) **U.S. Cl.** **369/174**; 369/9

(58) **Field of Classification Search** 369/128, 369/127, 155, 264, 174
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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2004/0139251	A1 *	7/2004	Liao	710/62

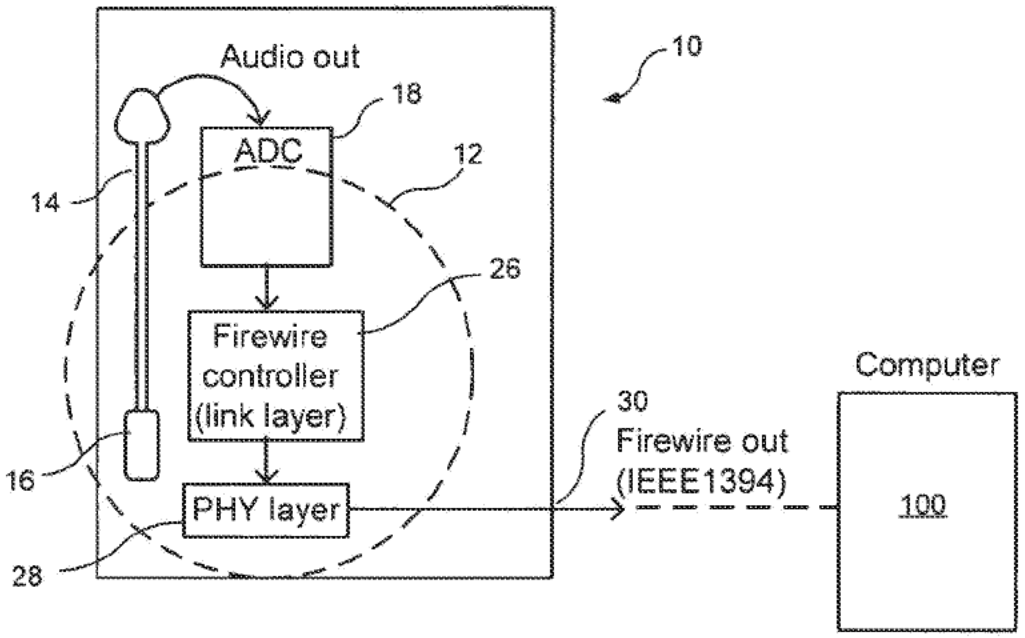
* cited by examiner

Primary Examiner—Wayne R Young
Assistant Examiner—Lixi Chow
(74) *Attorney, Agent, or Firm*—Day Pitney LLP

(57) **ABSTRACT**

The present invention is a turntable which includes an internal analog to digital converter and a controlier for a standard digital format. This allows a jack for a standard digital format to be incorporated into the turntable, so that digital signals are generated to be received by the soundcard of an external computer or similar piece of digital equipment.

6 Claims, 1 Drawing Sheet



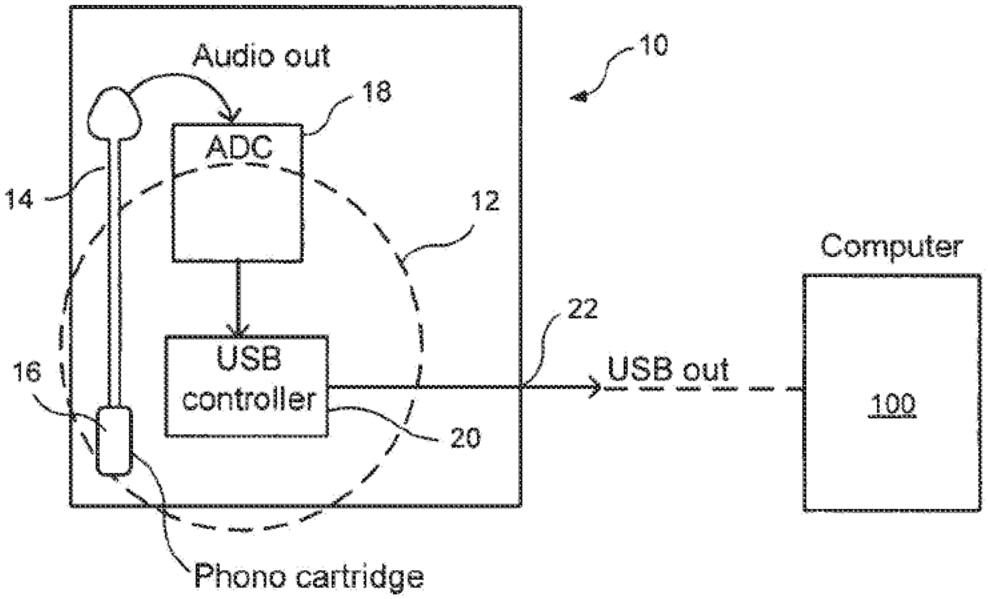

Audio out
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18
ADC
14
12
Computer
22
USB
controller
16
USB out
100
20
Phono cartridge

FIG. 1

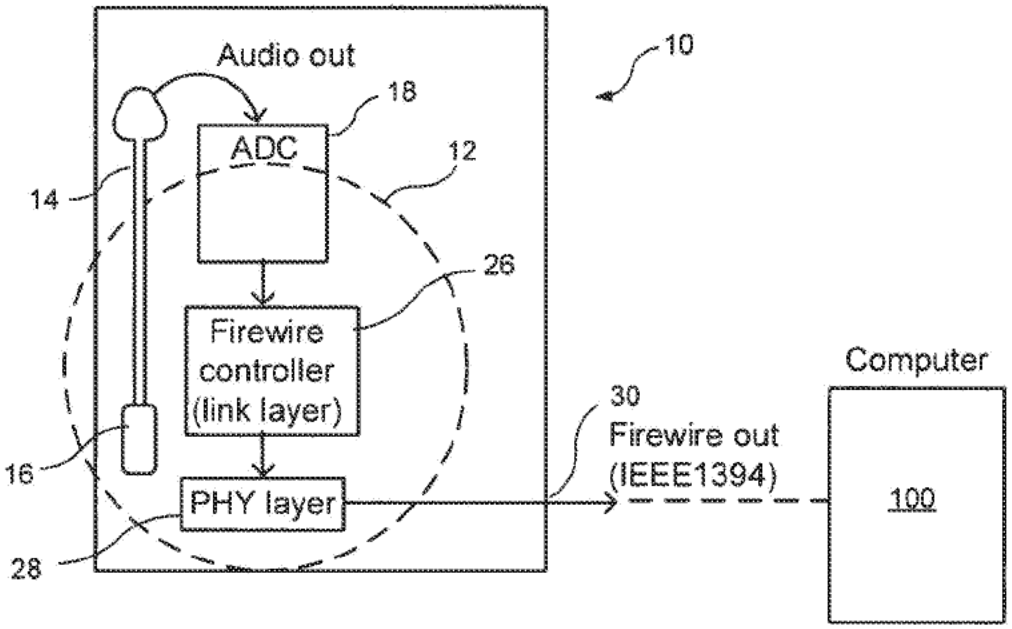

Audio out
10
18
ADC
12
14
26
Firewire
controller
(link layer)
Computer
30
Firewire out
(IEEE1394)
16
PHY layer
100
28

FIG. 2

PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates to a phonographic turntable which includes a built-in audio conversion device, which is typically to USB, firewire, or other computer digital communication protocol, inside the turntable.

2. Description of the Prior Art

The standard phonographic turntable, as an analog device, is diminishing in commercial popularity due to the ever increasing capabilities of digital music equipment. Digital music equipment has many advantages in that it can be either connected directly to a home computer or can play music through a common storage device (such as a compact disk). However, the standard phonographic turntable is still embedded within the popular music culture, at least for the reason that many people still own vinyl LPs which may be difficult or even impossible to replace with compact disks. Similarly, the standard phonographic turntable is embedded within the disk jockey culture at dance clubs and similar institutions.

Some applications have connected the line level output of a turntable (or the output of a phono pre-amp which has received the audio output from the phono cartridge) to the analog input of a computer sound card. Other applications have used an external audio conversion device between the turntable and the soundcard.

In addition, there are currently several devices that allow the phonographic turntable to act as a control device, similar to a computer mouse, to modulate or apply some effect (such as "scratching") to audio playing within the computer.

The SPDIF (Sony/Phillips Digital Interface) has been built into some turntables in order to provide a digital output. However, this is not a standard protocol such as USB (universal serial bus) or firewire (IEEE 1394).

OBJECTS AND SUMMARY OF THE INVENTION

It is therefore an object of this invention to provide a turntable which includes digital output in a standard protocol, such as USB or firewire.

It is therefore a further object of the present invention to provide a turntable which eliminates the need for external audio conversion devices.

It is therefore a further object of the present invention to provide a turntable which maintains the familiar feel of a standard turntable to a disk jockey or similar operator.

These and other objects are attained by providing a turntable with such conventional features as a revolving platter, a pivoting tonearm and an analog phono cartridge and further providing an audio conversion device to USB, firewire or other standard computer digital communication protocol internally within the turntable. Therefore, a standard digital output is generated for simple connection to a computer or other digital equipment.

DESCRIPTION OF THE DRAWINGS

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

FIG. **1** is a schematic of the USB version of the present invention.

FIG. **2** is a schematic of the firewire version of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring now to the drawings in detail wherein like numerals refer to like elements throughout the several views, one sees that FIG. **1** is a schematic of the turntable **10** of the present invention, in the USB configuration. Turntable **10** includes a rotatable platter **12** (shown in phantom), a pivotable or similar traveling tonearm **14** supporting a phono cartridge **16** at its distal end, typically by way of a conventional attachment between tonearm **14** and phono cartridge **16**. The phono cartridge **16** engages a conventional LP record rotating on platter **12**. The phono cartridge generates a conventional analog electrical signal, representative of the audio recording on the LP record. The conventional analog electrical signal is received by the analog to digital converter (ADC) **18**. The output of the analog to digital converter **18** is digital and is received by the USB controller **20**. Both the analog to digital converter **18** and the USB controller **20** are within the turntable **10**. This results in a USB signal being generated from the turntable **10** from a USB jack **22** which is on the cabinet of the turntable **10**. This USB signal from USB jack **22** can be fed directly to an external computer **100** (or similar digital processing equipment) so that the digital signal, typically a digital audio signal, can be processed by the computer **100**.

FIG. **2** is a schematic of turntable **10** of the present invention, in the firewire configuration. Turntable **10** includes a rotatable platter **12** (shown in phantom), a pivotable or similar traveling tonearm **14** supporting a phono cartridge **16** at its distal end, typically by way of a conventional attachment between tonearm **14** and phono cartridge **16**. The phono cartridge **16** engages a conventional LP record rotating on platter **12**, substantially identical to that shown in FIG. **1**. The phono cartridge generates a conventional analog electrical signal, representative of the audio recording on the LP record. The conventional analog electrical signal is received by the analog to digital converter (ADC) **18**. The output of the analog to digital converter **18** is digital and is received by the firewire controller (link layer) **26**. The output of the rewire controller (link layer) **18** is received by physical (PHY) layer **28**. The analog to digital converter **16**, the firewire controller (link layer) **26** and the physical SHY) layer **28** are all contained within the turntable **10**. This results in a USB signal being generated from the turntable **10** from a firewire jack (IEEE-1394) **30** which is on the cabinet of the turntable **10**. This firewire signal from firewire jack **30** can be fed directly to an external computer **100** (or similar digital processing equipment) so that the digital signal, typically a digital audio signal, can be processed by the computer **100**.

Thus the several aforementioned objects and advantages are most effectively attained. Although preferred embodiments of the invention have been disclosed and described in detail herein, it should be understood that this invention is in no sense limited thereby and its scope is to be determined by that of the appended claims.

What is claimed is:

1. A turntable including:

a rotatable platter;

a tonearm for receiving a phono cartridge for generating an analog audio signal representative of an audio recording;

an analog to digital converter for receiving an analog audio signal from the phono cartridge; and

a controller responsive to said analog to digital converter for generating an output digital audio signal of music or

speech representative of an audio recording from an output of said analog to digital converter, representative of said analog audio signal;

wherein said analog to digital converter and said controller are included within said turntable; and

wherein said output digital audio signal is output from said turntable and uses standard computer protocol.

2. The turntable of claim 1 wherein said output digital audio signal uses universal serial bus (USB) protocol.

3. The turntable of claim 1 wherein said output digital audio signal uses firewire (IEEE-1394) protocol.

4. The turntable of claim 1 wherein said turntable further includes a jack for outputting said output digital audio signal.

5. The turntable of claim 1 wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon.

6. The turntable of claim 5 wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the record being supported by said rotatable platter.

* * * * *

AO 120 (Rev. 3/04)

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DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
CV21-387	7/12/2021	RHODE ISLAND

PLAINTIFF	DEFENDANT
inMusic Brands, Inc.	Curtis International, Ltd.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	7567498 B2	7/28/2009	
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY Amendment Answer Cross Bill Other Pleading		
	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

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Small Entity Declaration

PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number: 10/862942 **Current Date:** October 9, 2020

Filing Date: June 8, 2004

Patent Number: 7,567,498

Issue Date: July 28, 2009

ASSERTION OF SMALL ENTITY STATUS
PURSUANT TO 37 C.F.R. §1.27 (c)(1)

Commissioner for Patents
Mail Stop M Correspondence
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This communication hereby asserts that the above-identified patent is entitled to small entity status.

COMPANY or FIRM NAME AND ADDRESS:

inMusic Brands, Inc.
200 Scenic View Drive
Cumberland, RI 02864

Respectfully submitted,

Signature

Byron L. McMasters
Printed Name

EVP & General Counsel
Title

Reg. # if US Attorney_____

FAX TO:

Commissioner of Patents and Trademarks
Attn. Maintenance Fee Branch
Office of Finance – Maintenance Fee Division
2051 Jamieson Ave – Suite 300
Alexandria, VA 22314

Fax no.: 001 571 273-6500

12 October 2020

URGENT

Dear Sirs,

Please see the attached entity status form to be amended to **SMALL** Entity status.

Please can you amend your records accordingly.

Many thanks for your assistance.

Kind regards,

Karen Greenham

Data Verification Specialist

CPA GLOBAL

Direct Dial: + 44(0)1534 811383
E-mail: kgreenham@cpaglobal.com

Certificate of Facsimile Transmission

I hereby certify that this document is being facsimile transmitted to the USPTO at 001 571-273-6500 on the date shown below.

Date 12-Oct-20 Signed

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4283116

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECOND LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
GIBSON BRANDS, INC.	02/15/2017
GIBSON INTERNATIONAL SALES LLC	02/15/2017
GIBSON PRO AUDIO CORP.	02/15/2017
GIBSON INNOVATIONS USA, INC.	02/15/2017
BALDWIN PIANO, INC.	02/15/2017

RECEIVING PARTY DATA

Name:	BANK OF AMERICA, N.A., AS AGENT
Street Address:	300 GALLERIA PKWY
Internal Address:	SUITE 800
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30339

PROPERTY NUMBERS Total: 141

Property Type	Number
Patent Number:	5866831
Patent Number:	5945613
Patent Number:	6232537
Patent Number:	D473543
Patent Number:	D473542
Patent Number:	D473536
Patent Number:	D473553
Patent Number:	D473854
Patent Number:	D473552
Patent Number:	D473551
Patent Number:	D473212
Patent Number:	D473544
Patent Number:	D476972
Patent Number:	D473538
Patent Number:	D480415

Property Type	Number
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Patent Number:	D757688
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Patent Number:	D772193
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Application Number:	14809679
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Patent Number:	7061740
Patent Number:	7220913
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Patent Number:	8802961
Patent Number:	9263015
Patent Number:	9293124
Patent Number:	9064481
Patent Number:	9412345
Patent Number:	D760704

CORRESPONDENCE DATA

Fax Number: (312)558-5700

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: MICHELLE FOY, WINSTON & STRAWN LLP
Address Line 1: 35 WEST WACKER DRIVE
Address Line 2: SUITE 4200
Address Line 4: CHICAGO, ILLINOIS 60601-9703

ATTORNEY DOCKET NUMBER:	150022.12
NAME OF SUBMITTER:	MICHELLE FOY
SIGNATURE:	/Michelle Foy/
DATE SIGNED:	02/21/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 96
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SECOND LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT

This SECOND LIEN INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "IP Security Agreement") dated February 15 2017, is made by the Persons listed on the signature pages hereof (collectively, the "Grantors") in favor of BANK OF AMERICA, N.A., as agent (the "Agent") for the Secured Parties (as defined in the Loan Agreement referred to below).

WHEREAS, GIBSON BRANDS, INC., a Delaware corporation ("Parent Borrower"), GIBSON INTERNATIONAL SALES LLC, a Delaware limited liability company (the "Gibson International"), GIBSON PRO AUDIO CORP., a California corporation ("Gibson Audio") and GIBSON INNOVATIONS USA, INC., a Delaware corporation, have entered into an Amended and Restated Loan Agreement dated as of February 15, 2017 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Loan Agreement"), with the Agent, the lenders party thereto from time to time, and the guarantors party thereto from time to time. Terms defined in the Loan Agreement and not otherwise defined herein are used herein as defined in the Loan Agreement.

WHEREAS, as a condition precedent to the making of Loans by the Lenders and the issuance of Letters of Credit by the Issuing Banks under the Loan Agreement and the providing of the Bank Products by certain of the Lenders and their Affiliates from time to time, each Grantor has executed and delivered that certain Amended and Restated Pledge and Security Agreement dated as of February 15, 2017 made by the Grantors to the Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement").

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

SECTION 1. Grant of Security. Each Grantor hereby grants to the Agent for the ratable benefit of the Secured Parties a security interest in all of such Grantor's right, title and interest in and to the following (the "Collateral"):

(i) all patents, patent applications, utility models and statutory invention registrations, together with all inventions claimed or disclosed therein, and all improvements thereto, including the patents and patent applications set forth in **Schedule A** hereto (the "Patents");

(ii) all trademarks, service marks, domain names, trade dress, logos, designs, slogans, trade names, business names, fictitious business names, corporate names, certification marks, collective marks, and other source identifiers, whether registered or unregistered, including the trademark and service mark registrations and applications set forth in **Schedule B** hereto (provided that no security interest shall be granted in any United States intent-to-use trademark application for registration of a trademark filed pursuant to Section 1(b) of the Lanham Act, 15 U.S.C. § 1051, prior to the filing of a "Statement of Use" pursuant to Section 1(d) of the

Lanham Act or an "Amendment to Allege Use" pursuant to Section 1(c) of the Lanham Act with respect thereto, solely to the extent that and solely during the period in which the grant of a security interest therein would impair the validity or enforceability of any registration that issues from such intent-to-use trademark application under applicable federal law), together, in each case, with the goodwill symbolized thereby (the "Trademarks");

(iii) all copyrights (whether or not the underlying works of authorship have been published), including, without limitation, copyrights in Computer Software (as defined in the Security Agreement), internet web sites and the content thereof, whether registered or unregistered, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth in **Schedule C** hereto (the "Copyrights");

(iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing.

SECTION 2. Security for Obligations. The grant of a security interest in, the Collateral by each Grantor under this IP Security Agreement secures the payment of all Obligations of such Grantor now or hereafter existing under or in respect of the Loan Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, the security interest created under this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Obligations and that would be owed by such Grantor to any Secured Party under the Loan Documents but for the fact that such Obligations are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving an Obligor.

SECTION 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this IP Security Agreement.

SECTION 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

SECTION 6. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

SECTION 7. Intercreditor Agreement. **Reference is made to the Intercreditor Agreement, dated as of July 31, 2013, among Bank of America, N.A., as initial ABL Agent for the ABL Claimholders referred to therein; Wilmington Trust, National Association (as successor in interest to Wells Fargo Bank, National Association), as Trustee, Collateral Agent and initial Notes Agent; Gibson Brands, Inc., Gibson International Sales LLC, Gibson Pro Audio Corp., Gibson Europe B.V. and the other subsidiaries of Gibson Brands, Inc. named therein (as amended, restated, supplemented or otherwise modified from time to time, the "Intercreditor Agreement"). Each Person that is secured hereunder, by accepting the benefits of the security provided hereby, (i) consents (or is deemed to consent), to the subordination of Liens provided for in the Intercreditor Agreement, (ii) agrees (or is deemed to agree) that it will be bound by, and will take no actions contrary to, the provisions of the Intercreditor Agreement, (iii) authorizes (or is deemed to authorize) the ABL Agent on behalf of such Person to enter into, and perform under, the Intercreditor Agreement and (iv) acknowledges (or is deemed to acknowledge) that a copy of the Intercreditor Agreement was delivered, or made available, to such Person.**

Notwithstanding any other provision contained herein, this Agreement, the Liens created hereby and the rights, remedies, duties and obligations provided for herein are subject in all respects to the provisions of the Intercreditor Agreement and, to the extent provided therein, the applicable ABL Security Documents and Notes Security Documents. In the event of any conflict or inconsistency between the provisions of this Agreement and the Intercreditor Agreement, the provisions of the Intercreditor Agreement shall control.

IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

GIBSON BRANDS, INC.

By: _____
Name: Bruce Mitchell
Title: Executive Vice President, General Counsel and Secretary

Address for Notices:
309 Plus Park Blvd.
Nashville, TN 37217

GIBSON INTERNATIONAL SALES LLC

By: _____
Name: Bruce Mitchell
Title: Executive Vice President, General Counsel and Secretary

Address for Notices:
309 Plus Park Blvd.
Nashville, TN 37217

GIBSON PRO AUDIO CORP.

By: _____
Name: Bruce Mitchell
Title: Executive Vice President, General Counsel and Secretary

Address for Notices:
309 Plus Park Blvd.
Nashville, TN 37217

GIBSON INNOVATIONS USA, INC.

By: _____
Name: Bruce Mitchell
Title: Executive Vice President, General Counsel and Secretary

Address for Notices:
309 Plus Park Blvd.
Nashville, TN 37217

IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

BALDWIN PIANO, INC.

By _____

Name: Bruce Mitchell
Title: Executive Vice President, General Counsel and Secretary

Address for Notices:
309 Plus Park Blvd.
Nashville, TN 37217

AGENT:

BANK OF AMERICA, N.A.
As Agent

By: _____
Name: John Yankauskas
Title: Senior Vice President

Bank of America, N.A.
Suite 800
300 Galleria Pkwy
Atlanta, GA 30339
Attention: John Yankauskas
Telecopy No.: 404-607-3234

Gibson Brands, Inc.

Baldwin Piano, Inc.

Patents, Copyrights, Trademark, Trade Name and Service Marks

Patents

US Design Patents
US Utility Patents
Foreign Patents

Trademarks

US Trademarks
Foreign Trademarks

Copyrights

US Copyrights

United States Utility Patents
Baldwin Piano, Inc.
(Registered)

TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
SIMULATED ESCAPEMENT APPARATUS FOR ELECTRONIC KEYBOARD	08/969,076	5866831	11/12/1997	2/2/1999
COMBINATION ACOUSTIC AND ELECTRIONIC PIANO IN WHICH THE ACOUSTIC ACTION IS DISABLED WHEN PLAYED IN THE ELECTRONIC MODE	09/104,261	5945613	6/24/1998	8/31/1999
PIANO ACTION WITH ARTICULATED JACK	09/584,885	6232537	6/1/2000	5/15/2001

Gibson Brands, Inc.
U.S. Design Patents
(Registered)

TITLE	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE
Access Door of Rack-Mounted Audio Equipment	29/158,439	D473,543 S	4/3/02	4/22/03
Air Inlet of Rack-Mounted Audio Equipment	29/158,436	D473,542 S	4/3/02	4/22/03
Rack Mounted Audio Equipment	29/158,320	D473,536 S	4/3/02	4/22/03
Rear Panel of Rack-Mounted Audio Equipment	29/158,382	D473,553 S	4/3/02	4/22/03
Front Panel of Rack-Mounted Audio Equipment	29/158,354	D473,854	4/3/02	4/29/03
Forward Panel for an Audio Console	29/158,513	D473,552 S	4/4/02	4/22/03
Front Panel for an Audio Console	29/158,493	D473,551 S	4/4/02	4/22/03
Single Two Way Speaker	29/158,708	D473,212	4/8/02	4/15/03
Mixer Board	29/158,711	D473,544 S	4/8/02	4/22/03
Audio Effects Controller	29/158,771	D476972	4/10/2002	7/8/2003
Louvered Front Panel	29/168,407	D473,538 S	10/1/02	4/22/03
Guitar Fingerboard Inlay (Crown)	29/174,230	D480,415	1/14/03	10/7/03
Guitar Headpiece	29/186,416	D496,386	7/15/03	9/21/04
Guitar Tuner	29/186,415	D496,385	7/15/03	9/21/04
Speaker	29/196,926	D496,348	1/7/04	9/21/04
Console Audio Recording and Playback System	29/196,928	D506,741	1/7/2004	6/28/2005
Console Audio Recording and Playback System	29/196,929	D508,477	1/8/04	8/16/05
Front Panel for an Electronic Component	29/208,423	D512,419	6/28/04	12/06/05
Guitar Body	29/221,505	D548,771	1/17/05	08/14/07
Audio Speaker (E8B)	29/294,367	D588105	1/8/2008	3/10/2009
Speaker (VXT)	29/294,362	D589494	1/8/2008	3/31/2009
Mixer	29/294,469	D578513	1/11/2008	10/14/2008
Mixer Deck	29/294,472	D578514	1/11/2008	10/14/2008
Speaker (CVA-121/118)	29/294,491	D585,422	1/14/2008	1/27/2009
Audio Speaker (CVA-28)	29/294,490	D592,183	1/14/2008	5/12/2009
Audio Processing Apparatus (Ergo)	29/301,036	D581393	2/7/2008	11/25/2008
Audio Speaker (Rokit)	29/307,591	D602470	4/29/2008	10/20/2009
Curved Grill Speaker	29/320,845	D606042	7/7/2008	12/15/2009
Disc Jockey Controller	29/315,186	D628981	6/3/2009	12/14/2010
Wireless Electric Guitar – Design (Firebird X)	29/378,066	D659183	10/28/2010	5/8/2012
Audio Speaker (RP10-3)	29/393,788	D657777	6/9/2011	4/17/2012
Disc Jockey Controller	29/404,558	D665778	10/21/2011	8/21/2012
Speaker (Rokit 8 Series)	29/462,722	D748604	8/7/2013	2/2/2016
Selective Sound Storage Device ("Self-Recording Cable")	29/478,546	D719126	1/6/2014	12/9/2014
Les Paul Speaker Design	29/478,547	D727296	1/6/2014	4/21/2015
Beecaster (Microphone)	29/513177	D745494	1/29/2014	12/15/2015
Bumblebee (Microphone)	29/513181	D746796	1/29/2014	1/5/2016

Stringed Musical Instrument Bridge	29/495247	D764572	6/28/2014	8/23/2016
King Bee/Worker Bee (Microphone)	29/513180	D747296	12/29/2014	1/12/2016
Honeycomb (Microphone Cover)	29/513178	D754106	12/29/2014	4/19/2016
Microphone (Widget A)	29/513785	D760203	1/5/2015	6/28/2016
Microphone (Widget B)	29/513786	D760204	1/5/2015	6/28/2016
Microphone (Widget C)	29/513792	D760704	1/5/2015	7/5/2016
Headphone Amplifier ("Beehive")	29/515451	D768595	1/22/2015	10/11/2016
Audio Control Center ("Beestro")	29/515452	D757688	1/22/2015	5/31/2016
Bluetooth Speaker (Gibson GSAS1)	29/532239	D768112	7/2/2015	10/4/2016
Headphones (TRAINER)	29/523,747	D772193	4/13/2015	11/22/2016

Gibson Brands, Inc.
U.S. Utility Patents
(Pending)

TITLE	SERIAL NO.	FILING DATE
Multiple Contact Jack	14/586937	12/30/2014
Remote Power Source with Variable Voltage Output Sources	14/809679	7/27/2015
Adjustable Dual Tensioning Tone Arm Device and Assembly	14/896137	12/4/2015
System And Method Of Lighting A Tone Arm Assembly	14/986502	12/31/2015
System And Method Of Indirect Lighting For A Turntable Display	14/986487	12/31/2015
System And Method Of Direct Lighting For A Turntable Display	14/986473	12/31/2015
Selective Sound Storage Device ("Self-Recording Cable")	15/110029	7/6/2016
Comparative Balancing	15/407101	1/16/2017
Signal Enhancement	15/217990	7/23/2017

Gibson Brands, Inc.
U.S. Design Patents
(Pending)

TITLE	SERIAL NO.	FILING DATE
Stringed Musical Instrument Matte Finish Pickguard	29/495248	6/28/2014
Cable (“Beeline”)	29/513795	1/6/2015
Microphone Mount (“Beekeeper”)	29/513794	1/6/2015
(Gibson SG & Les Paul) HEADPHONES	29/530830	6/19/2015
Bluetooth Speaker (GSAP1)	29/532238	7/2/2015
Speaker (Rokit RPG3)	29/534559	7/29/2015
Guitar Headstock	29/560,459	4/6/2016

Gibson Brands, Inc.
Utility Patents
(Registered)

TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
Component Mount and Components For Musical Instruments	08/889,232	6,075,194	7/8/97	6/13/00
Sound Production Apparatus	08/889,235	6,111,968	7/8/97	8/29/00
Improved Suspension For High Power Pleated Ribbon Transducer	09/045,072	6,111,970	3/20/1998	8/29/2000
Package For Musical Instrument Strings	09/098,924	5,957,282	6/17/98	9/28/99
System & Method for Generating & Controlling a Simulated Musical Concert Experience	09/112,050	5,990,405	7/8/98	11/23/99
Single Coil Electric Guitar Pickup with Humbucking-Sized Housing	09/173,605	6,372,976	10/16/98	4/16/02
Stringed Musical Instrument and Method of Manufacturing Same (Fret Spacing)	09/258,953	6,069,306	3/1/99	5/30/00
Audio Speaker System for Personal Computer	09/383,715	6,381,335	8/25/99	4/30/02
Apparatus & Method for De-Esser Using Adaptive Filtering Algorithms	09/430,433	6,373,953 B1	10/29/99	4/16/02
Component Mount and Components For Musical Instruments	09/461,530	6,242,682	12/15/99	6/5/01

TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
Acoustic Support Structure for Stringed Musical Instruments and Method of Making Same	09492809	6,333,454	1/28/2000	12/25/2001
Universal Communications and Control System for Amplified Musical Instruments	09/557,560	6,353,169	4/25/00	3/5/02
Polyphonic Guitar Pickup for Sensing String Vibrations in two Mutually Perpendicular Planes	09/559,569	6,392,137 B1	4/27/00	5/21/02
Recording Medium Reproducing Device Having Tempo Control Function, Key Control Function And Key Display Function Reflecting Key Change According To Tempo Change	09/732,980	6661753	12/8/2000	12/9/2003
Recording Medium Reproduction Apparatus	09/733,724	6590840	12/8/2000	7/8/2003
Neck Block System for Acoustic Stringed Instruments	09759302	6350939	1/16/2001	2/26/2002
Musical Instrument Digital Recording Device With Communications Interface	09/972,340	6,605,769	10/5/01	8/12/03
Universal Digital Media Communications and Control System and Method	09/995,405	6,686,530	11/27/01	2/3/04
Acoustic Les Paul	10/044,336	6,689,943	1/11/02	2/10/04
Amplifier with Variable Power Factor	10/116,887	6,621,253	4/5/02	9/16/03
Power Supply Regulation And Protection Circuit For Audio Power Amplifier	10/117,164	6,611,169	4/5/02	8/26/03
Phonographic Turntable with MIDI Output	10/139,442	6818815	5/6/2002	11/16/2004
Switch Device With Indicator	10/205,655	6627829	7/24/2002	9/30/2003
Hydrophobic Polymer String Treatment	10/338,805	6,765,136	1/8/03	7/20/04
Guitar Pickup Support Assembly	10/339,372	6,849,792	1/9/03	2/1/05
Wall Cabinet	10/382,282	6,685,283	3/5/03	2/3/04
Clamshell Housing with Sliding Rack Ears	10/404,022	6,935,709	3/31/03	8/30/05
Dual Range Horn With Acoustic Cross-Over	10/404,006	7,392,880	3/31/03	7/1/08
Modular Construction for Speakers	10/403,529	6,910,548	3/31/03	6/28/05
Heat Dissipation System for Audio Amplifier	10/405,983	6,853,553	4/1/03	2/8/05
Live Performance Audio Mixing System with Simplified User Interface	10/406,620	7742609	4/3/03	6/22/2010
Combination Compact Disc Recorder and Player System (Digital Jukebox)	10/406,821	7,249,147	4/4/03	7/24/07
Multicolor Function Indicator Light	10/407,817	7,012,542	4/4/03	3/14/06
Music Distribution System	10/407,811	7,216,178	4/4/03	5/8/07
Musical Instrument Digital Recording Device With Communications Interface	10/442,688	6,894,214	5/21/2003	5/17/2005
System and Method For Protecting An Audio Amplifier Output Stage Power Transistor	10/606/530	7,061,740	6/26/03	6/13/06

TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
Breakout Box For Digital Guitar	10/657,477	7,220,913	9/8/03	5/22/07
Digital Guitar	10/657,462	7,220,912	9/8/03	5/22/07
Digital Guitar Processing Circuit	10/657,791	6,888,057	9/8/03	5/3/05
Hex Pickup For Digital guitar	10/657,769	7166794	9/8/03	1/23/07
Universal Digital Media Communications and Control System and Method	10/694,710	7,420,112	10/28/03	9/2/08
Optical Navigation System for Rotary Control Based Non-Contact Controller	10/790,441	7763843	3/1/2004	7/27/2010
Audio Signal Reproduction Apparatus Having Scratch Reproducing Function	10/808,870	7277362	3/25/2004	10/2/2007
Phonographic Turntable with Built-In Audio to USB or FireWire Device	10/862,942	7567498	6/8/2004	7/28/2009
Speaker System With Built-In Storage Of Satellite Speakers	11/118,668	7,602,934	4/29/2005	10/13/2009
Control Knob with Multi-Color Indicator	11/170,594	7,205,495	6/29/2005	4/17/2007
Angled Pickup For Digital Guitar	11/223,778	7,285,714	9/09/05	10/23/07
Music Distribution System	11/322,029	7,222,183	12/29/05	5/22/07
Locking Bridge	11/330,711	7,459,617	1/12/06	12/2/08
Locking Tailpiece	11/330/712	7,459,618	1/12/06	12/2/08
Digital Guitar System	11/546,059	7,399,918	10/11/06	7/15/08
Variable Slippage Control for a Disc Jockey Control Surface	11/586,903	7566827	10/26/2006	7/28/2009
Data Packet, Method, and Device of Transmitting Payload Information Within An Extendable Header	11/613,434	8194665	12/20/2006	6/5/2012
Guitar Strap Lock	11/620,200	7888572	01/05/2007	2/15/2011
Musical Instrument Sloped Neck Joint	11/776,444	7838750	7/11/07	11/23/2010
Tremolo Mechanism for a Stringed Musical Instrument with Angled Saddle Rollers	11/776,767	7960630	7/12/2007	7/14/2011
Tremolo Mechanism for a Stringed Musical Instrument with Cam Actuated Lock	11/776,797	7888571	7/12/07	2/15/2011
Tremolo Mechanism for a Stringed Musical Instrument with Pivoting String Anchor	11/776783	8,017,844	7/12/2007	9/13/2011
Audio Magnetic Connection and Indexing Device	12/079,970	7,828,556	3/31/2008	11/9/2010
Jukebox or Vending Machine Having a Lighting System	12/075,994	7628501	4/14/2008	12/08/2009
Rotary Control Device for Manipulating Digital Audio Signals	12/220,759	8,153,883	6/28/2008	4/10/2012
Digital Guitar System	12/164,513	7952014	6/30/2008	5/31/2011
Position Sensitive Rotatable DJ Control Device	12/218,419	8,110,734	7/15/2008	2/7/2012
Variable Slippage Control for a Disc Jockey Control Surface	12/456,975	7,928,313	6/25/2009	4/19/2011
Touch Pad Disc Jockey Controller	12/588,469	8,362,349	9/11/2009	1/29/2013

TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
Variable Slippage Control for a Disc Jockey Control Surface (continuation)	12/629,053	8,053,660	12/2/2009	11/8/2011
Guitar With Double Carve Soundboard	12/661,328	8,772,613	3/15/2010	7/8/2014
Single Coil Parallel Tapped Magnetic Pickup	13/847,367	8,907,198	3/19/2013	12/09/2014
Electric Stringed Musical Instrument Standard Electronic Module Application	13/882,177	8,907,198	4/27/2013	12/9/2014
Low Impedance Dual Coil Bifilar Magnetic Pickup	13/882,173	9,524,710	4/27/2013	12/20/2016
Variable Resonant Bifilar Single Coil Magnetic Pickup	13/882,172	8,802,959	4/27/2013	8/12/2014
Wireless Foot-Operated Effects Pedal for Electric Stringed Musical Instrument	13/882,175	8,802,961	4/27/2013	8/12/2014
Wireless Electric Guitar	13/882,193	9,263,015	6/21/2013	2/16/2016
Tempo-Adaptive Pattern Velocity Synthesis	14/161,227	9,293,124	1/22/2014	3/22/2016
Musical Instrument Transducer Cavity/"BIG BLOCK PICKUP"	14/373,353	9,064,481	7/19/2014	6/23/2015
Adjustable Zero Fret and Method of Use on a Stringed Musical Instrument	14/992,756	9,412,345	1/11/2016	8/9/2016

Gibson Brands, Inc. Foreign Patents

Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Acoustic Guitar	United Kingdom	3021803	3021803	7/11/2005	7/11/2005
Acoustic Guitar Body	Germany	40503320-1	40503320-1	6/28/2005	8/26/2005
Acoustic Guitar With Integral Pickup Mount	France	02709062.0	EP1449199	1/17/2002	---
Acoustic Guitar With Integral Pickup Mount	Germany	60233066.1	EP1449199	1/17/2002	---
Acoustic Guitar With Integral Pickup Mount	Spain	02709062.0	EP1449199	1/17/2002	---
Acoustic Guitar With Integral Pickup Mount	United Kingdom	02709062.0	EP1449199	1/17/2002	---
Acoustical Guitar Body; Electric Guitar Body (Sg Design); Guitar Pick Guard; Guitar Bridge	Germany	M9706075.5	M 97 06 075.5	6/28/97	10/15/97
Adjustable Dual Tensioning Tone Arm Device And Assembly	PCT	PCT/US14/40965	---	6/4/2014	---
Adjustable Dual Tensioning Tone Arm Device And Assembly	EPO	14806999.0-1803			
Angled Pickup For Digital Guitar	France	EP 2006802933.9	EP1922715		10/23/2014
Angled Pickup For Digital Guitar	Germany	602006043737.4	EP1922715		10/23/2014
Angled Pickup For Digital Guitar	Spain	EP 2006802933.9	EP1922715		10/23/2014
Angled Pickup For Digital Guitar	United Kingdom	EP 2006802933.9	EP1922715		10/23/2014
Angled Pickup for Digital Guitar	Japan	2012-090016	5301005	9/1/2006	06/28/2013
Apparatus And Method For De-Esser Using Adaptive Filtering Algorithms	Canada	2321225	2321225	Unknown	4/26/05
Audio Processing Apparatus/Mixers/Deck/ Speakers	RCD	000928205-001-004	928205-001-004	Feb 5 2008	---
Audio Control Center ("Beestro")	China	ZL201530192171.4	ZL ZL201530192171.4		
Audio Control Center ("Beestro")	Germany	402015001105.1			
Audio Control Center ("Beestro")	Japan	2015014862			
Audio Control Center ("Beestro")	RCD	002722009-012	002722009-012		
Audio Signal Processor	Japan	JP20030093944	JP4010268	3/31/2003	9/14/2007
Audio Signal Reproducing Unit	Japan	JP20030082001	JP4075654	3/25/2003	2/8/2008

Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Audio Speaker System For Personal Computer	France	00959461.5	Ep1206896	2/18/02	4/15/2013
Audio Speaker System For Personal Computer	Germany	600 48 001.1	Ep1206896	2/18/02	4/15/2013
Audio Speaker System For Personal Computer	Spain	00959461.5	Ep1206896	2/18/02	4/15/2013
Audio Speaker System For Personal Computer	United Kingdom	00959461.5	Ep1206896	2/18/02	4/15/2013
Bass Drum And Auxiliary Drum Mounting Unit Combination	Germany	M9609875-0001	M9609875.9	11/13/96	3/6/97
Bass Drum Design	Germany	M9609875-0002	M9609875.9	11/13/96	3/6/97
Peg Head Design	Germany	M9609875-0003	M9609875.9	11/13/96	3/6/97
Bluetooth Speaker (GSAS1)	China	201530284056.X	ZL201530284056.X		
Bluetooth Speaker (GSAS1)	Hong Kong	1501656.9			
Bluetooth Speaker (GSAS1)	Japan	2015014878	1542330		
Bluetooth Speaker (GSAS1)	RCD	002737247-0002	002737247-0002		
Bluetooth Speaker (GSAP1)	China	201530284557.8	ZL201530284557.8		
Bluetooth Speaker (GSAP1)	Hong Kong	1501655.7			
Bluetooth Speaker (GSAP1)	Japan	2015014877	1542329		
Bluetooth Speaker (GSAP1)	RCD	002737247-0003	002737247-0003		
Cable (“Beeline”)	China	201530192286.3	ZL 201530192286.3		
Cable (“Beeline”)	Germany	402015001108-0001	402015001108-0001		
Cable (“Beeline”)	RCD	002722009-0010	002722009-0010		
Combination Compact Disc Recorder And Player System	France	04758806.6	Ep1611505	4/2/2004	8/8/2011
Combination Compact Disc Recorder And Player System	Germany	602004034231.9	Ep1611505	4/2/2004	8/8/2011
Combination Compact Disc Recorder And Player System	Spain	04758806.6	Ep1611505	4/2/2004	8/8/2011
Combination Compact Disc Recorder And Player System	United Kingdom	04758806.6	Ep1611505	4/2/2004	8/8/2011
Console Audio Recording And Playback System	Germany	40403443-8	40403443	6/3/2004	9/20/2004
Console Audio Recording And Playback System	Japan	2004-018518	1239227	6/22/04	3/25/05

Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Console Audio Recording And Playback System	United Kingdom	3017952	3017952	7/5/04	10/25/04
Device For Reproducing Recording Medium	Japan	JP20000050084	JP3812270	2/25/2000	6/9/2006
Device For Reproducing Recording Medium	Japan	JP20000050080	JP3870656	2/25/2000	10/27/2006
Device For Reproducing Recording Medium	Japan	JP20000050083	JP3870657	2/25/2000	10/27/2006
Disk Device	Japan	JP19960054155	JP3414577	2/16/1996	4/4/2003
Dv Demon Design	Germany	40001687.7	400 01 687.7	2/12/00	4/11/00
Dv Demon Design	United Kingdom	2090380	2090380	2/14/00	7/5/00
Electric Guitar Body (Epi)	Japan	11-000208	1155731	1/7/99	8/23/02
Electric Stringed Musical Instrument Standard Electronic Module Application	EPO	11837223.4	---	4/28/2013	---
Fader Board Design (For Umx)	Japan	2002-027127	1179534	10/3/02	5/23/03
Guitar Body Design (Es-336); Guitar Body Design (Leland Sklar Bass)	Germany	M9604398.9	M9604398.9	5/20/96	11/6/96
Guitar Body Design (M-Iii) (KRAMER)	Germany	M 9104831.1	M9104831.1	7/15/91	Unknown
Guitar Fingerboard Inlay	Japan	2003-020304	1200195	Unknown	2/6/04
Guitar Headstock	Japan	08-035408	1050789	11/25/96	6/25/99
GUITAR HEADSTOCK (Melody Maker) (SP-3)	EPO	003388214	---	9/21/2016	---
GUITAR HEADSTOCK (Melody Maker) (SP-3)	United Kingdom	6000741 and 6000742	---	9/21/2016	---
GUITAR HEADSTOCK (Melody Maker) (SP-3)	China	201630477026.5	---	9/21/2016	---
GUITAR HEADSTOCK (Melody Maker) (SP-3)	Japan	2016-021451	---	10/3/2016	---
Headphones (Gibson SG and Les Paul)	China	201530207133.1			
Headphones (Gibson SG and Les Paul)	Norway	20150619			
Headphones (Gibson SG and Les Paul)	RCD	002602169	002602169		
Headphone Amplifier (“Beehive”)	China	201530191874.5	ZL201530191874.5		
Headphone Amplifier (“Beehive”)	Japan	2015014861			
Headphone Amplifier (“Beehive”)	Germany	402015001107-0001	402015001107-0001		
Headphone Amplifier (“Beehive”)	RCD	002722009-011	002722009-011		

Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Honeycomb (Microphone Cover)	China	201530191549.9	ZL201530191549.9		
Honeycomb (Microphone Cover)	Japan	2015014309	1538698		
Honeycomb (Microphone Cover)	Germany	402015001030.6			
Honeycomb (Microphone Cover)	RCD	002722009-003	002722009-003		
Hydrophobic Polymer String Treatment	France	20030705745	Ep1466314	1/14/2003	---
Hydrophobic Polymer String Treatment	Germany	60312124.1	Ep1466314	1/14/2003	---
Hydrophobic Polymer String Treatment	United Kingdom	20030705745	Ep1466314	1/14/2003	---
Hydrophobic Polymer String Treatment – Contracting State	Italy	20030705745	Ep1466314	1/14/2003	---
King Bee/Worker Bee (Microphone)	China	201530191917.X	ZL 201530191917.X		
King Bee/Worker Bee (Microphone)	Germany	402015001088.8			
King Bee/Worker Bee (Microphone)	Japan	2015014310	1538699		
King Bee/Worker Bee (Microphone)	Japan	2015014311	1538833		
King Bee/Worker Bee (Microphone)	RCD	002722009-005	002722009-005		
Information Display Device For Music Box	Germany	De19961022220	De19622220	6/3/1996	12/4/1997
Les Paul Speaker Design	China	201430027368.8	ZL201430027368.8	2/13/2014	10/22/2014
Les Paul Speaker Design	RCD	002404293-001	002404293-001	2/13/2014	2/13/2014
Les Paul Speaker Design	Japan	45102014	1501945	3/3/2014	6/6/2014
Low Impedance Dual Coil Bifilar Magnetic Pickup	EPO	11837134.3	---	4/28/2013	---
Microphone (“Beecaster”)	China	201530191604.4			
Microphone (“Beecaster”)	Japan	2015014307	1538697		
Microphone (“Beecaster”)	Germany	402015001088.8			
Microphone (“Beecaster”)	RCD	002722009-0002	002722009-0002		
Microphone Cover (“Beecaster”)	Japan	2015014308	1540379		
Microphone (“Bumblebee”)	China	201530191397.2			
Microphone (“Bumblebee”)	Germany	402015001088.8			
Microphone (“Bumblebee”)	Japan	2015014312	1538700		

Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Microphone ("Bumblebee")	RCD	002722009-0006	002722009-0006		
Microphone (Widget A)	China	201530191931.X	ZL201530191931.X		
Microphone (Widget A)	Japan	2015014857	1542325		
Microphone (Widget A)	Germany	402015001088.8			
Microphone (Widget A)	RCD	002722009-001	002722009-011		
Microphone (Widget B)	China	201530191467.4	ZL201530191467.4		
Microphone (Widget B)	Japan	2015014858	1542326		
Microphone (Widget B)	Germany	402015001088.8			
Microphone (Widget B)	RCD	002722009-007	002722009-007		
Microphone (Widget C)	China	201530191905.7	3567689		
Microphone (Widget C)	Japan	2015014859	1542327		
Microphone (Widget C)	Germany	402015001088.8			
Microphone (Widget C)	RCD	002722009-008	002722009-008		
Microphone Mount ("Beekeeper")	China	201530191465.5	3533678		
Microphone Mount ("Beekeeper")	Japan	2015014860	1542328		
Microphone Mount ("Beekeeper")	Germany	402015001089.6-001			
Microphone Mount ("Beekeeper")	RCD	002722009-009	002722009-009		
Multiple Contact Jack	PCT	PCT/US15/68142			
Music Distribution System	EPO	047588ED05.8	Ep1611526	04/02/2004	4/15/2013
Musical Instrument Digital Recording Device With Communications Interface	France				
Musical Instrument Digital Recording Device With Communications Interface	Germany				
Musical Instrument Digital Recording Device With Communications Interface	Spain				
Musical Instrument Digital Recording Device With Communications Interface	United Kingdom				
Musical Instrument Sloped Neck Joint	France	08729765.1	Ep2137719	2/13/2008	---
Musical Instrument Sloped Neck Joint	Germany	602008014607.3	Ep2137719	2/13/2008	---

Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Musical Instrument Sloped Neck Joint	United Kingdom	08729765.1	Ep2137719	2/13/2008	---
Musical Instrument Transducer Cavity/"BIG BLOCK PICKUP"	EPO	13738453.3		1/20/2013	
Musical Instrument Transducer Cavity/"BIG BLOCK PICKUP"	Japan	2014-553499		1/20/2013	
Musical Instrument Transducer Cavity/"BIG BLOCK PICKUP"	China	201380005819.0		07/17/2014	
Neck Block System For Acoustic Stringed Instruments	Canada	2367627	2367627	01/15/2002	10/27/2010
Optical Disk Device	Japan	JP20000367735	JP3558035	12/1/2000	5/28/2004
Piano Action With Articulated Jack	France	01 916 707.1	Ep1287519	3/16/2001	5/25/2011
Piano Action With Articulated Jack	Germany	601 44 694.1	Ep1287519	3/16/2001	5/25/2011
Piano Action With Articulated Jack	Spain	01 916 707.1	Ep1287519	3/16/2001	5/25/2011
Piano Action With Articulated Jack	United Kingdom	01 916 707.1	Ep1287519	3/16/2001	5/25/2011
Polyphonic Guitar Pickup For Sensing String Vibrations In Two Mutually Perpendicular Planes	France	Awaiting Validation Details	Ep1277199		4/16/2014
Polyphonic Guitar Pickup For Sensing String Vibrations In Two Mutually Perpendicular Planes	Germany	Awaiting Validation Details	601 48 719.2		4/16/2014
Polyphonic Guitar Pickup For Sensing String Vibrations In Two Mutually Perpendicular Planes	United Kingdom	Awaiting Validation Details	Ep1277199		4/16/2014
Polyphonic Guitar Pickup For Sensing String Vibrations In Two Mutually Perpendicular Planes	Spain	Awaiting Validation Details	Ep1277199		4/16/2014
Polyphonic Guitar Pickup For Sensing String Vibrations In Two Mutually Perpendicular Planes	Japan	2001-581267	3851169	4/17/2001	11/29/06
Portable Amplifier	Germany	49903652.2	49903652.2	4/13/1999	9/7/99
Rack Mounted Audio Equipment	Germany	40208262.1	40208262.1	9/27/2002	1/17/03
Rack Mounted Audio Equipment	Japan	2002-027133	1179535	10/3/2002	5/23/03

Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Recording Medium Playback Device	Japan	JP20000050081	JP3687467	2/25/2000	6/17/2005
Recording Medium Reproducing Device	Japan	JP20000367736	JP3812332	12/1/2000	6/9/2006
Recording Medium Reproducing Device	Japan	JP20000367736	JP3812332	12/1/2000	6/9/2006
Recording Medium Reproducing Device	Japan	JP20010290140	JP3736406	9/21/2001	11/4/2005
REMOTE POWER SOURCE WITH VARIABLE VOLTAGE OUTPUT SOURCES	EPO	16181031.2	---	7/25/2016	---
SELECTIVE SOUND STORAGE DEVICE ("Self-Recording Cable")	PCT	PCT/US14/72734	---	12/30/2014	---
SELECTIVE SOUND STORAGE DEVICE ("Self-Recording Cable")	EPO	14816376.6	---	6/14/2016	---
SELECTIVE SOUND STORAGE DEVICE ("Self-Recording Cable")	China	201480072337.1	---	7/5/2016	---
SELECTIVE SOUND STORAGE DEVICE ("Self-Recording Cable")	Japan	TBD	---	7/5/2016	
Single Three Way Speaker	Japan	2002-027131	1185742	Unknown	8/1/03
Single Two Way Speaker	Japan	2002-027130	1185845	Unknown	8/1/03
Speaker (ROKIT RPG3)	China				
Speaker (ROKIT RPG3)	Japan	2016001888	---	1/29/2016	---
Speaker (ROKIT RPG3)	RCD				
Speakers (Mixers and Mixer Deck)	RCD	000928205-001-004			
Speaker (ROKIT 8) – Design Patent Application	Germany	40 2013 003 602.4	40 2013 003 602	8/13/2013	11/18/2013
Speaker (ROKIT 8) – Design Patent Application	RCD	002292359	002292359	8/15/2013	8/15/2013
Speaker (ROKIT 8) – Design Patent Application	China	201330385155.8	2758218	8/21/2013	2/26/2014
Stringed Musical Instrument And Method Of Manufacturing Same (Fret Spacing)	Japan	2000-603019	3703393	1/28/2000	10/05/2005
Stringed Musical Instrument And Methods Of Manufacturing Same	Germany	100 84 334.4	10084334.4	9/25/2001	8/6/2013
Stringed Musical Instrument Bridge	Germany	402014002678.1	--	12/20/2014	---
Stringed Musical Instrument Bridge	RCD	002604033	---	12/22/2014	---

Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Stringed Musical Instrument Bridge	China	TBD	--	12/23/2014	---
Stringed Musical Instrument Bridge	Japan	2014-028783	1522657	12/24/2014	3/27/2015
Stringed Musical Instrument Matte Finish Pickguard	Germany	402014002678.1	--	12/20/2014	---
Stringed Musical Instrument Matte Finish Pickguard	RCD	002604066	---	12/22/2014	---
Stringed Musical Instrument Matte Finish Pickguard	China	TBD	--	12/23/2014	---
System And Method Of Direct Lighting For A Turntable Display	EPO	15202514.4			
System And Method Of Indirect Lighting For A Turntable Display	EPO	15202611.8			
System And Method Of Lighting A Tone Arm Assembly	EPO	15202626.6			
Switchgear With Indicator	Japan	JP20010224018	JP3937765	7/25/2001	4/6/2007
Tempo Detecting Device And Tempo Detecting Method	Japan	JP20050222650	JP4360358	8/1/2005	8/21/2009
TRAINER Bluetooth Headphones	EPO	002555805-0001	002555805-0001	10/13/2014	10/22/2014
TRAINER Bluetooth Headphones	Singapore		30201500541Y	10/13/2014	2/27/2015
TRAINER Bluetooth Headphones	Hong Kong	1500678.4		3/16/2015	
TRAINER Bluetooth Headphones	Indonesia	A00201500697		3/19/2015	
TRAINER Bluetooth Headphones	Russia	2015500940		3/23/2015	
TRAINER Bluetooth Headphones	Brazil	BR 302015001701 5		4/13/2015	
TRAINER Bluetooth Headphones	China	201530097039.5		04/14/2015	
Tremolo Mechanism For A Stringed Musical Instrument With Angled Saddle Rollers	EPO	20080743453	Ep2135236	03/23/2007	---
Tremolo Mechanism For A Stringed Musical Instrument With Cam Actuated Lock	France	20080729881	Ep2140444	2/14/2008	11/28/2012
Tremolo Mechanism For A Stringed Musical Instrument With Cam Actuated Lock	Germany	602008020416.2	Ep2140444	2/14/2008	11/28/2012

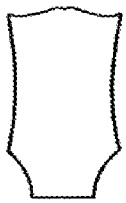
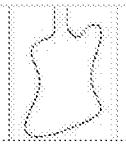
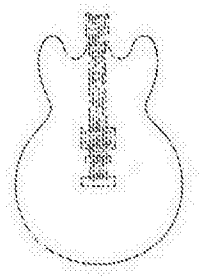
Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Tremolo Mechanism For A Stringed Musical Instrument With Cam Actuated Lock	Spain	20080729881	Ep2140444	2/14/2008	11/28/2012
Tremolo Mechanism For A Stringed Musical Instrument With Cam Actuated Lock	United Kingdom	20080729881	Ep2140444	2/14/2008	11/28/2012
Tremolo Mechanism For A Stringed Musical Instrument With Pivoting String Anchor	France	20080729818	Ep2135235	2/14/2008	11/28/2012
Tremolo Mechanism For A Stringed Musical Instrument With Pivoting String Anchor	Germany	60 2008 020 415.4	EP2135235	2/14/2008	11/28/2012
Tremolo Mechanism For A Stringed Musical Instrument With Pivoting String Anchor	Spain	20080729818	EP2135235	2/14/2008	11/28/2012
Tremolo Mechanism For A Stringed Musical Instrument With Pivoting String Anchor	United Kingdom	20080729818	EP2135235	2/14/2008	11/28/2012
Universal Communications And Control System For Amplified Musical Instruments	Canada	2306506	2306506	4/25/00	10/31/06
Universal Audio Communications System And Control System And Method	France	Pending Validation From European National Phase	EP1183678		3/14/2014
Universal Audio Communications System And Control System And Method	Germany	Pending Validation From European National Phase	600 48 518.8		3/14/2014
Universal Audio Communications System And Control System And Method	Spain	Pending Validation From European National Phase	EP1183678		3/14/2014
Universal Audio Communications System And Control System And Method	United Kingdom	Pending Validation From European National Phase	EP1183678		3/14/2014
Variable Resonant Bifilar Single Coil Pickup	EPO	11837135.0	---	4/28/2013	---
Wireless Electric Guitar	EPO	11837136.8	---	4/28/2013	---
Wireless Electric Guitar – Firebird X	Germany	40 2011 002 257.5	40 2011 002 257.5	4/27/2011	7/14/2011
Wireless Electric Guitar – Firebird X	China	201130102755.X	ZI201130102755.X	4/28/2011	2/1/2012

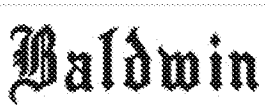
Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
Wireless Electric Guitar – Firebird X	Taiwan	100302044	D144792	4/28/2011	1/1/2012
Wireless Foot Operated Effects Pedal For Electric Stringed Musical Instrument	EPO	11837233.3	---	4/28/2013	---

Baldwin Piano, Inc. United States Trademarks
(Registered)

MARK	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
BALDWIN	71525182	0442961	06/30/1947	06/21/1949	9
BALDWIN	77826094	3813326	09/14/2009	07/06/2010	15
CONCERTMASTER	77826883	3780925	09/15/2009	04/27/2010	15
CHICKERING (Stylized)	71146858	0148980	04/28/1921	12/6/1921	15
KRANICH & BACH SINCE 1864	71576587	0551510	04/04/1949	12/4/1951	15
LIVE BUT NOT IN PERSON	75048868	2226464	01/26/1996	2/23/1999	15
PIANOVELLE	75303433	2172848	06/04/1997	7/14/1998	15

Gibson Brands, Inc.
U.S. Trademarks
(Pending)

MARK	SERIAL NO.	FILING DATE	CLASS
	86380703	8/29/2014	9, 15
	86459665	11/20/2014	9,14,16,20,21,25,28
	86455003	11/14/2014	9,14,16,20,21,25,28
	86458890	11/19/2014	9,14,16,20,21,25,28
	86454884	11/14/2014	9,14,16,20,21,25,28
	86454469	11/14/2014	9,14,16,20,21,25,28
	86456297	11/17/2014	9,14,16,20,21,25,28
	86456220	11/17/2014	9,14,16,20,21,25,28
	86168793	1/17/2014	15
ACROSONIC	71373160	1/4/2017	15

MARK	SERIAL NO.	FILING DATE	CLASS
AEOLIAN	86618578	5/4/2015	15
AEROFLEX	86627998	5/13/2015	9
AMPICO	87014464	4/26/2016	15
AREA G SILICON VALLEY (& Design)	86168508	1/17/2014	9
BALDWIN	87291614	1/6/2017	15
BALDWIN	87294910	1/10/2017	15
	87120695	7/29/2016	15
BEEHIVE	86144188	12/15/2013	9
BEESTRO	86144016	12/15/2013	9
BURSTDRIVER	87245193	11/22/2016	15
CABLE (stylized)	87283949	12/29/2016	15
CAKEWALK VOCALSYNC	86597118	4/14/2015	9
CLOUD MOAT	87015692	4/27/2016	9
CONCERTCASTER	86303427	6/8/2014	9
CONCERTCASTER MASTER	86303428	6/8/2014	9
CW	86078218	9/30/2013	15
DV DEMON	86335817	7/14/2014	9
E FORCE	86583795	4/1/2015	15
ELLINGTON (stylized)	87173589	9/16/2016	15
eMOAT	87015784	4/27/2016	9
EPIPHONE	86454262	11/14/2014	9
EPIPHONE	87165968	9/9/2016	25
EPIPHONE SCRATCHLESS PICKGUARD	86269972	5/2/2014	15
EPOCH	86129604	11/26/2013	15
ES	86454256	11/14/2014	9
ETune	86143171	12/13/2013	15
FLYING V	86453817	11/13/2014	9
FUNMACHINE	87256707	12/5/2016	15
FUZZ TONE (stylized)	86082838	10/04/2013	9
GEAR SHIFT KNOB	85144348	10/04/2010	9
GENRE	86289296	5/22/2014	15
GIBSON	86459342	11/19/2014	9,14,16,20,21,25,28

MARK	SERIAL NO.	FILING DATE	CLASS
GIBSON – stylized (on amplifiers) 	86079562	10/1/2013	9, 15
GIBSON ECHOPLEX	87208341	10/19/2016	9
GIBSON EXPLORER	86454293	11/14/2014	9
GIBSON KALAMAZOO AWARD	86333186	7/10/2014	15
GIBSON MUSE	86144208	12/16/2013	9
GIBSON TONE BALANCE	2287089869	6/30/2016	9
GIG-PAD	86278205	5/12/2014	9
GOOD MOAT	87015586	4/27/2016	9
HAMILTON	87168217	9/12/2016	15
HOMECASTER	87226424	11/4/2016	9
HOWARD	87104014	7/14/2016	15
HOWARD. (Stylized)	87105189	7/15/2016	15
IVERS & POND	86342599	7/21/2014	15
JBOT	86290269	5/23/2014	15
JUNIOR BOT	86290254	5/23/2014	15
LAB SERIES	86149588	12/20/2013	9
LES PAUL	86454251	11/14/2014	9
LES PAUL ARTISAN	87214365	10/25/2016	15
LOUD IS BEAUTIFUL…IF IT'S CLEAN	86195382	2/17/2014	9
MAESTRO	86974273	4/13/2016	9
MAESTRO (stylized)	87027354	5/6/2016	15
MAESTRO (stylized) 	86078263	9/30/2013	9
MAGNUM	87283911	12/29/2016	15
MATH	86144190	12/15/2013	9
MELODY MAKER	86834143	11/30/2015	15
MIRACLE	87251606	11/30/2016	15
MUSETTE	87108381	7/19/2016	15
NEAT MUSE	86144213	12/16/2013	9
OBERHEIM	87282523	12/28/2016	9, 15
OMS	87293275	1/9/2017	9
ONLY AIR GUITAR IS EASIER TO PLAY	86270366	5/2/2014	15
PERFECT CLARITY	86088007	10/10/2013	9
PERFECT-MINDREADER	86109543	11/4/2013	9

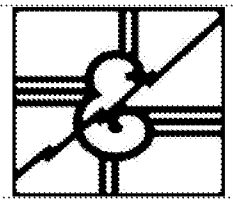
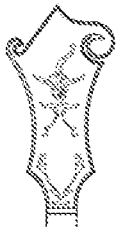
MARK	SERIAL NO.	FILING DATE	CLASS
PERFECT MOAT	87015754	4/27/2016	9
PLAY RECORD LISTEN	86381029	8/29/2014	9,15,25
POLARIS	86294393	5/29/2014	15
POWER TOWER	86892956	2/1/2016	9
PRODUCTS FOR A HAPPY LIFE	86536765	2/17/2015	9,15,35
RADIO KING	86816105	11/11/2015	15
SAVANT	86289380	5/22/2014	15
SG	86115265	11/11/2013	9
SG	86453846	11/13/2014	9 (headphones)
SLINGERLAND	87105133	7/15/2016	15
STANDARD PLAYER ACTION (stylized)	86654612	6/8/2015	15
STUDIO VISION	86642450	5/27/2015	9
TALENT	86013479	7/18/2013	15
THE MARK SERIES	86149862	12/20/2013	15
UBERCASE	85654654	6/18/2012	15
YOU PLAY WE TUNE	87058960	6/3/2016	15
THUNDER TOWER	87013159	4/25/2016	9
TT-1X	87014673	4/26/2016	9
TUNE-O-MATIC	87297276	1/11/2017	15
WURLITZER	87294939	1/10/2017	9

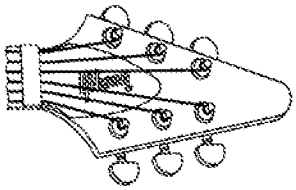
Gibson Brands, Inc.
U.S. Trademarks
(Registered)

MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
'57 CLASSIC	74/646,024	2,034,846	3/13/95	2/4/97	9
"MOUSTACHE" BRIDGE DESIGN	74/434,478	1,911,282	9/13/93	8/15/95	15
"T" (stylized)	85901138	4400258	4/11/2013	9/10/2013	15
"TOP BELLY" BRIDGE DESIGN	75/513,340	2,528,669	7/6/98	1/8/02	15

MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
AFTERBURNER	77010825	3229039	09/29/2006	04/17/2077	9
AJ	76/444,064	2,731,882	8/27/02	7/1/03	15
AMERICAN MADE/WORLD PLAYED	74/276,985	1,745,731	5/19/92	1/12/93	15
BANANA HEADSTOCK (PEG HEAD DESIGN)	75/683,631	2,696,053	4/16/99	3/11/03	15
BEECASTER	86143284	4782723	12/13/2013	7/28/2015	9
BEEKEEPER	86144011	86144011	12/15/2013	4/26/2016	9
BEELINE	86144015	4773636	12/15/2013	7/14/2015	9
BILL MONROE	85272074	4151360	3/21/2011	5/29/2012	15
BLUE LIGHTNING	85159979	4183874	10/25/2010	7/31/2012	15
BLUES HAWK	77421079	3970910	4/13/2008	5/31/2011	15
BRITE WIRES	74156177	1725491	04/11/1991	10/20/1992	15
BUMBLEBEE	86141986	4773628	12/12/2013	7/14/2015	9
BUMBLE BEE	76/491,210	2,898,720	2/19/03	11/2/04	15
BURSTBUCKER	75516439	2295545	09/07/1998	11/30/1999	9
BYRDLAND	73241764	1167202	12/06/1979	09/01/1981	15
CAKEWALK	74668802	1982306	5/1/1995	6/25/1996	9
CASINO	85314514	4070530	5/6/2011	12/13/2011	15
CERWIN-VEGA	73082883	1072135	04/06/1976	08/30/1977	9
CERWIN-VEGA!	73826555	1600526	09/20/1989	06/12/1990	9
CHECK IN ROCK OUT	77356857	3951163	12/20/2007	4/26/2011	39,41,43
CITATION	73037975	1027899	11/25/1974	12/23/1975	15
CLASSIC MODE	75/818,651	2,901,893	10/8/99	11/9/04	9
CLASSIC MODE	75/818,765	2,901,894	10/8/99	11/9/04	15
CMI (STYLIZED)	73757401	1543093	10/13/1988	06/06/1989	42
CORVUS	77952634	4040702	3/7/2010	11/22/2011	15
CUSTOM L-5	74605068	1937145	12/01/1994	11/21/1995	15
CV	77362760	3480189	01/02/2008	08/05/2008	9
CV (Logo)	73082737	1060670	04/05/1976	03/08/1977	9
CVA	77461022	3546535	04/28/2008	12/16/2008	9
CVHD	78913517	3292297	06/21/2006	09/11/2007	9
CVI	85329221	4222755	05/24/2011	10/09/2012	9
DARK FIRE	77980463	3884397	11/10/2008	11/30/2010	15
DAROUTER	77519672	3610243	07/10/2008	04/21/2009	9
DASCRATCH	77270237	3547817	09/02/2007	12/16/2008	9
DECKADANCE	77442328	3577779	4/8/2008	2/17/2009	9
DESIGNED BY PROFESSIONALS TO BE EASY TO PLAY	86270318	4661144	5/2/2014	12/23/2014	15

MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
DIANA'S SWEET SHOPPE (word mark)	77842078	4096566	10/6/2009	2/7/2012	30
DIANA'S SWEET SHOPPE & design (logo 1) 	85872362	4403438	3/11/2013	9/17/2013	35
DIANA'S SWEET SHOPPE & design (logo 3) 	77842236	4096567	10/6/2009	2/7/2012	30
DIANA'S SWEET SHOPPE & design (logo 4) 	77842151	4376712	10/6/09	7/30/2013	30
 DIANA's SWEET SHOPPE & Design (logo 4)	85953395	4466115	6/7/2013	1/14/2014	https:35
DISCMASTER	77010721	3284355	09/29/2006	08/28/2007	9
DJ FOR LIFE	78439147	3053406	06/22/2004	01/31/2006	9
DJ LAB	77010617	3273461	09/29/2006	08/07/2007	9
DJ PRO	77010636	3407442	09/29/2006	04/01/2008	9
DOBRO	72/394,267	950,801	6/9/71	1/16/73	15
DOBRO AND DESIGN	73/191,924	1,134,094	11/3/78	4/29/80	15
DOT	77888765	3849669	12/8/09	09/21/2010	15
DOT STUDIO	77888754	3821439	12/8/09	07/20/2010	15
DOUBLE BALL	76/313,303	2,870,036	9/11/01	8/3/04	15
DOVE	74/605,071	1,931,671	12/1/94	10/31/95	15
DOVE & DESIGN	72/352,808	898,315	3/2/70	9/8/70	15
DOVES IN FLIGHT	85087168	3900788	07/18/2010	01/04/2011	15

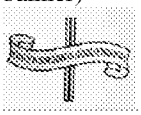
MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
DUAL-RAIL	75/412,214	2,293,467	12/30/97	11/16/99	9
DUSK TIGER	77980505	3881696	10/27/2009	11/23/2010	15
	86297294	4771533	6/2/2014	7/14/2015	9
E STYLIZED	74/400,458	1,833,789	6/11/93	5/3/94	15
EL CAPITAN	74/589,498	1,928,040	10/24/94	10/17/95	15
ELECTAR	86294922	4659660	5/29/2014	12/23/2014	9
EPI	77941908	4035704	2/22/2010	10/4/2011	15
EPIPHONE	72/417,439	964,189	3/6/72	7/17/73	15
EPIPHONE	74/591,025	1,957,393	10/26/94	2/20/96	9,15
EPIPHONE (stylized)	77952649	4129178	3/7/2010	4/17/2012	15
EPIPHONE EMPEROR REGENT	85682396	4283100	7/20/2012	1/29/2013	15
EPIPHONE EMPEROR SWINGSTER	85581657	4267376	3/27/2012	1/1/2013	15
EPIPHONE PRO-1	86159099	4650414	1/7/2014	12/2/2014	15
ERGO	77010528	3418991	09/29/2006	04/29/2008	9
ES	76/230,197	2,599,297	3/26/01	7/23/02	15
EXPLORER	75/852,090	2,641,548	11/17/99	10/29/02	15
EXPOSÉ	77010022	3270998	9/28/2006	7/31/2007	9
EZ-PROFILE	86536909	4795266	2/17/2015	8/18/2015	15
EZ-STRING	86269878	4749418	5/2/2014	6/2/2015	15
 FERN PEG HEAD DESIGN	86174550	4706482	1/24/2014	3/24/2015	15
FLATIRON	74/569,263	1913232	9/2/94	8/22/95	15
FLYING V	73/343,718	1,216,644	12/28/81	11/16/82	15

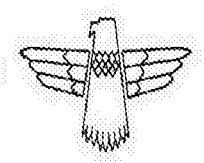
MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
 FLYING V Peg Head w/GIBSON Inlay	86245529	4758471	4/8/2014	6/23/2015	15
FRETLESS WONDER	71/687,692	626204	5/17/55	5/1/56	15
FUTURA	77955932	4050020	3/10/2010	11/1/2011	15
FV	76/230,199	2,599,298	3/26/01	7/23/02	15
G FORCE	86313239	4736715	6/18/2014	5/12/2015	15
G-NODE	85641786	4237861	6/3/2012	11/6/2012	9
GIBSON	86442956	4989433	11/3/2014	6/28/2016	9
GIBSON	71/536,891	510594	10/6/47	6/7/49	15
GIBSON	72/267,480	866,698	3/27/67	3/18/69	3-9-15-16
GIBSON	72/452,271	989,617	3/22/73	7/30/74	15
GIBSON	73/755,657	1,545,311	10/3/88	6/27/89	15
GIBSON	74/511,250	2,177,027	4/11/94	7/28/98	42
GIBSON	76/662,606	3257493	7/05/06	7/3/07	9
GIBSON	76979088	3877181	06/29/2006	11/16/2010	9
GIBSON	85291879	4052878	4/11/2011	11/8/2011	15
GIBSON BRANDS	85941930	4593966	5/24/2013	8/26/2014	9,15
GIBSON CUSTOM COLLECTOR'S CHOICE	85027879	4003536	4/30/2010	7/26/2011	15
GIBSON FIREBIRD	85235360	4006293	2/7/2011	8/2/2011	15
GIBSON GEM	85196671	3978275	12/13/2010	6/14/2011	15
GIBSON GUITAR G SINCE 1894 (design)	85090054	3914522	07/21/2010	02/01/2011	14
GIBSON GUITAR G SINCE 1894 (design)	85090061	3984265	7/21/2010	6/28/2011	25
GIBSON GUITARS	85941988	4795695	5/24/2013	8/18/2015	9,15
GIBSON MEMORY CABLE	86605601	86605601	4/22/2015	11/22/2016	9
GIBSON PUBLISHING COMPANY	76/472,129	3165573	12/4/02	10/31/06	16
GIBSON PURE	85041802	4026861	5/18/2010	9/13/2011	15
GIBSON PURE	86343457	4671882	7/21/2014	1/13/2015	9

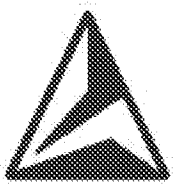
MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
GIBSON PURE (stylized)	76/975,419	2,738,824	1/29/01	7/15/03	15
GIBSON RD	85258179	4038070	3/4/2011	10/11/2011	15
GIBSON SOLID FORMED	86428904	4796850	10/20/2014	8/18/2015	15
GIBSON w/star (stylized)	77812284	4301646	8/25/2009	3/12/2013	25
GOLDTONE	75/711,277	2611145	5/20/99	8/27/02	9
GOLDTONE	85159970	4376834	10/25/2010	7/30/2013	9
GOTHIC MORTE	85199632	4085004	12/16/2010	1/10/2012	15
GOVERNMENT SERIES Logo 	85876149	4452617	3/14/2013	12/17/2013	15
GROOVEMASTER	77010903	3284357	09/29/2006	08/28/2007	9
HARMONY CENTRAL	78571171	3073197	2/19/2005	3/28/2006	41
HED	77010325	3337915	09/29/2006	11/20/2007	9
HISTORIC COLLECTION	74/373,214	1,798,959	3/30/93	10/12/93	15
HONEYCOMB	86144013	4809313	12/15/2013	9/8/2015	9
HOUND DOG	86514103	4803738	1/26/2015	9/1/2015	15
HUMMINGBIRD	74/605,069	1,931,670	12/1/94	10/31/95	15
HUMMINGBIRD (Stylized)	77952643	4032308	3/7/2010	9/27/2011	15
INSPIRED BY	76/655,601	3330156	2/24/06	11/6/07	15
J-200	77955929	3,863,734	3/10/2010	10/19/2010	15
J-45	76/097,990	2,482,205	7/27/00	8/28/01	15
J-50	76/097,992	2,482,206	7/27/00	8/28/01	15
JUMBOPRO	86269805	4673126	5/2/2014	1/13/2015	15
KRAMER	74/460,897	1,888,387	11/22/93	4/11/95	15
KRK	74489162	1897394	2/14/1994	1/6/1995	9
LEGRAND	74/454,165	1,866,940	11/4/93	12/13/94	15
LES PAUL	72/360,329	918,934	5/20/70	8/24/71	15
LES PAUL	73/755,647	1,539,282	10/3/88	5/16/89	15
LES PAUL	86465482	4914920	11/26/2014	3/8/2016	9
LIFTON	77198270	3454997	6/5/2007	6/24/2008	15
LPX	85078959	4361707	07/06/2010	7/2/2013	15
MAESTRO	76/316,231	2,624,578	9/24/01	9/24/02	9
MAESTRO	76/978,291	3,165,811	5/17/05	10/31/06	15
MAESTRO (stylized)	85735003	4431151	09/21/2012	11/12/2013	15
MAGIC	76/304,596	2,684,617	8/24/01	2/4/03	42
MASTERBILT	76/636,841	3175839	4/22/05	11/28/06	**15**
MELODY MAKER	85314366	4076671	5/3/2011	12/27/2011	15
Min-ETune	85763793	4444992	10/25/2012	12/3/2013	15
MISCELLANEOUS DESIGN - ES GUITAR	74570029	2007277	09/06/1994	10/08/1996	15

MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
MISCELLANEOUS DESIGN – "EYE" PEG HEAD INLAY	75140268	2150184	07/26/1996	04/14/1998	15
MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD	73755644	1567052	10/03/1988	11/21/1989	15
MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD, REVERSER DIRECTION	74321784	1934543	10/13/1992	11/14/1995	15
MISCELLANEOUS DESIGN – "PINEAPPLE" PEG HEAD INLAY	73018507	1008798	04/11/1974	04/15/1975	15
MISCELLANEOUS DESIGN – "SPLIT DIAMOND" PEG HEAD INLAY	73018508	1008799	04/11/1974	04/15/1975	15
MISCELLANEOUS DESIGN – BELL SHAPED TRUSS ROD COVER	73016410	1022637	03/20/1974	10/14/1975	15
MISCELLANEOUS DESIGN – CUSTOM L-5 BELL SHAPED TRUSS COVER	77939916	3,863,258	2/19/2010	10/19/2010	15
MISCELLANEOUS DESIGN – DOVE BRIDGE DESIGN	85087172	3908146	07/18/2010	01/18/2011	15
MISCELLANEOUS DESIGN – DOVES IN FLIGHT PEG HEAD DESIGN	85087308	3900789	07/19/2010	01/04/2011	15
MISCELLANEOUS DESIGN – DOVES IN FLIGHT PICK GUARD	85087174	3908147	07/18/2010	01/18/2011	15
MISCELLANEOUS DESIGN – EPI "MUSTACHE" PEG HEAD	75513343	2367539	07/06/1998	07/18/2000	15
MISCELLANEOUS DESIGN – EXPLORER BODY	74570078	2053805	09/06/1994	04/22/1997	15
MISCELLANEOUS DESIGN – FLOWER URN PEG HEAD INLAY	73018506	1008797	04/11/1974	04/15/1975	15
MISCELLANEOUS DESIGN – FLYING V GUITAR	74570030	2051790	09/06/1994	04/15/1997	15
MISCELLANEOUS DESIGN – FLYING V PEG HEAD	85216721	3976202	1/13/2011	6/7/2011	15
MISCELLANEOUS DESIGN – LES PAUL BODY	73675665	1782606	07/31/1987	07/20/1993	15

MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
MISCELLANEOUS DESIGN – LES PAUL DOVE-WING PEG HEAD	73019795	1020485	04/25/1974	09/16/1975	15
MISCELLANEOUS DESIGN – EMPEROR PEG HEAD DESIGN	74611857	2016857	12/16/1994	11/19/1996	15
MISCELLANEOUS DESIGN – PICK GUARD	75513344	2501101	07/06/1998	10/23/2001	15
MISCELLANEOUS DESIGN – SG GUITAR	75272182	2215791	04/10/1997	01/05/1999	15
MISCELLANEOUS DESIGN – STEINBERGER "BROOM" BODY	73426310	1394829	05/17/1983	05/27/1986	15
MISCELLANEOUS DESIGN OF GUITAR BODY (Johnny A)	76/521,735	2,885,394	6/10/03	9/14/04	15
MISCELLANEOUS GUITAR BODY DESIGN – CORVUS GUITAR	85087171	3979769	7/18/2010	6/14/2011	15
MISCELLANEOUS GUITAR BODY DESIGN – Thunderbird/Firebird	85218173	4107670	1/14/2011	3/6/2012	15
MIX RECALL	86362445	4857048	8/11/2014	11/17/2015	9
MO'BABY GUITAR DESIGN	77391405	3607851	2/7/08	3/14/09	15
MODERNE	77383144	3588609	1/29/08	3/10/09	15
MUSICYO.COM	76/109,859	2,485,085	8/15/00	9/4/01	35
NEAT KING BEE	86792890	5051245	10/20/2015	9/27/2016	9
N NEAT MICROPHONES 	86022804	4822650	7/29/2013	9/29/2015	9
	86496377	4838326	1/6/2015	10/20/2015	9
NEAT WIDGET	86144203	4937204	12/16/2013	4/12/2016	9
NIGHTHAWK	77/383,132	3,588,608	1/29/2008	3/10/2009	15
NIGHTNAV	86645198	4954303	5/29/2015	5/10/2016	9
OB LOGO (MISCELLANEOUS DESIGN)	76/667,316	3886498	10/11/06	12/07/2010	15
ONE MORE TIME	77959123	4042789	3/15/2010	10/18/2011	15

MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
ONLY A GIBSON IS GOOD ENOUGH (stylized banner) 	85879431	4400209	3/18/2013	9/10/2013	15
OPCODE	76/669,391	3877154	11/22/06	11/16/2010	9
PC	72000441	0640953	01/10/1956	02/05/1957	9
PICKERING	72000440	0640952	01/10/1956	02/05/1957	9
POWER LINES	74/156,217	1,677,559	4/11/91	3/3/92	15
PROJECT5	78208395	2896389	1/29/2003	10/19/2004	9
PRO-EASE	86269656	4664906	5/2/2014	12/30/2014	4
PROPHECY	85314393	4070521	5/6/2011	12/13/2011	15
PURE	76/201,276	2,644,117	1/29/01	10/29/02	15
PURE ANALOG	85144324	4250570	10/4/2010	11/27/2012	9
PUREVOICE	85810998	4342751	12/27/2012	5/28/2013	9
PUSH STRUM PERFECT	86403610	4753418	9/23/2013	6/96/2015	9
QUAD-RAIL	75/412,208	2,298,816	12/30/97	12/7/99	9
QUICK CONNECT	85315357	4343091	5/9/2011	5/13/2013	9
RIPPER	77952631	3952189	3/7/2010	3/26/2011	15
ROAD WORN	77818503	3933346	9/2/09	3/22/2011	15
ROBOT GUITAR	77330243	3599554	11/15/07	3/31/09	15
ROBOT TUNERS	85759876	4350172	10/22/2012	6/11/2013	15
ROKIT	77010046	3421198	9/28/2006	05/06/2008	9
 ROKIT POWERED and Design	86032701	4553301	8/8/2013	6/17/2014	9
S (Design Mark)	72403557	0987247	09/24/1971	07/02/1974	9
S-G	73/072,312	1,045,872	12/19/75	8/10/76	15
SCRATCHPAD	86023617	4569840	7/30/2013	7/15/2014	9
SC SYSTEMS	77340315	3544747	11/29/2007	12/09/2008	9
SCS	77461795	3617301	04/30/2008	05/05/2009	9
SDS	85352783	4080246	06/22/2011	01/03/2012	9
SG	85096534	3931128	7/30/2010	3/15/2011	15
SJ	76/444,063	2,731,881	8/27/02	7/1/03	15
SPIRIT	75/138,572	2,273,225	7/23/96	8/31/99	15
SNAKEPIT	85061914	3957037	6/14/2010	5/10/2011	9, 15
STANTON	77028025	3322401	10/24/2006	10/30/2007	9
STANTON (stylized)	78486020	3163663	09/20/2004	10/24/2006	9
STANTOUCH	77519675	3607483	07/10/2008	04/14/2009	9
STEINBERGER	73/433,553	1,441,155	7/7/83	6/2/87	15
STEREO & DESIGN	72/352,957	905,145	3/3/70	12/29/70	15
STRIKER	77878711	3976407	11/23/2009	6/14/2011	15

MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
STROKER	74428678	1915796	08/19/1993	08/29/1995	9
STROKER PRO	77010864	3232292	09/29/2006	04/24/2007	9
STUDIO KING	75/138,574	2,135,333	7/23/96	2/10/98	15
STYLIZED DESIGN – DOVE PICK GUARD	77954811	3892469	3/9/2010	12/21/2010	15
STYLIZED DESIGN – HUMMINGBIRD PICK GUARD	77954798	3889103	3/9/2010	12/14/2010	15
STYLIZED DESIGN – J-200 PICK GUARD	77954813	3892470	3/9/2010	12/21/2010	15
TENNESSEAN	77890230	3846555	12/10/09	09/07/2010	15
THE LOUD SPEAKER COMPANY	77156858	3542484	04/14/2007	12/09/2008	9
THE ORVILLE	76670274	3281370	12/13/2006	08/21/2007	15
THE PAUL	73/195,443	1,147,147	3/12/79	2/17/81	15
THUNDERBIRD	85158950	3989004	10/22/2010	7/5/2011	15
	86118614	4537797	11/14/2013	5/27/2014	15
TOBIAS	74/519,843	1,885,979	5/3/94	3/28/95	15
TOBY	85871154	4400202	3/8/2013	9/10/2013	15
 TOBY PEG HEAD DESIGN	86386432	4853781	9/5/2014	11/17/2015	15
TRACKMASTER	77362768	3495294	01/02/2008	09/02/2008	9
TRAINER	86386174	4828560	9/5/2014	10/6/2015	9
	86140760	4581942	12/11/2013	8/5/2014	
TRAINER	86661531	5050818	6/12/2015	9/27/2016	9
ULTIMA	85314550	4589057	5/6/2011	8/19/2014	15
VALLEY ARTS	76/444,524	2,751,275	8/28/02	8/12/03	15
VALLEY ARTS GUITAR	73/464,304	1,319,300	2/6/84	2/12/85	15
VAMPIRE BLOOD MOON	85199712	4166499	12/16/2010	7/3/2012	15
VE	77010287	3232290	09/29/2006	04/24/2007	9
VEGA BASS	77010140	3241176	09/29/2006	05/15/2007	9
VIBROLA	85314420	4617836	5/6/2011	10/7/2014	15

MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
VINTAGE ORIGINAL SPEC	76/655,961	3209793	3/02/06	2/13/07	15
VINTAGE RE-ISSUE	74/476,960	1,872,419	1/6/93	1/10/95	15
VIOLA	77888835	3852679	12/8/09	09/28/2010	15
VISION (stylized)	78313183	3093877	10/14/2003	05/16/2006	9
VOCALSYNC	86362432	4852914	8/11/2014	11/10/2015	9
VXT	77128332	3311581	04/12/2007	10/16/2007	9
WES MONTGOMERY	76684252	3494422	11/21/2007	9/2/2008	15
WILDKAT	77888805	3827485	12/8/09	08/03/2010	15
WILSHIRE	85314322	4031776	5/6/2011	9/27/2011	15
WORKER BEE	86144008	4773635	12/15/2013	7/14/2015	9
WORN	77868886	4092717	11/10/2009	1/31/2012	15
WURLITZER	71/224,533	0,214,557	12/10/1925	6/29/1926	15
WURLITZER	71/536,203	0,504,653	9/27/47	12/7/48	15
WURLITZER	71/561,280	0,522,270	7/13/48	3/14/50	9
WURLITZER	73/003,104	0,996,084	10/9/73	10/22/74	9
WURLITZER	77365574	3864844	1/7/2008	10/19/2010	9
WURLITZER MEANS MUSIC TO MILLIONS	72/252,921	0,865,930	8/22/66	3/4/69	35
ZOOT SUIT	77843297	3813447	10/7/09	07/06/2010	15
	86721006	4950541	8/11/2015	5/3/2016	9

Baldwin Piano, Inc. Foreign Trademarks
(Pending)

MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
HAMILTON	China	8447238	07/02/2010	15

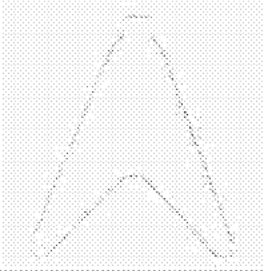
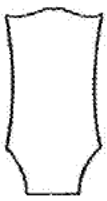
Baldwin Piano, Inc. Foreign Trademarks
(Registered)

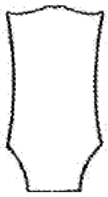
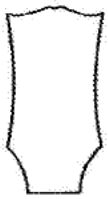
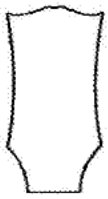
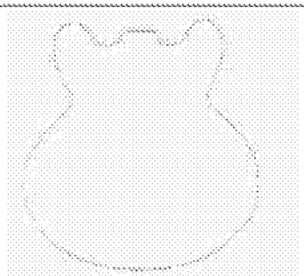
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
BALDWIN	Argentina	2997198	2438077	4/22/2010	May 3 2011	15
BALDWIN – stylized	Argentina	2120066	1794571	12/10/1997	5/19/2000	15
ACROSONIC	Australia	93278	93278	10/31/1947	10/31/1947	15
ACROSONIC	Benelux	0577247	0096575	12/22/1971	7/1/1974	15
BALDWIN	Benelux	0577233	0096566	12/22/1971	7/1/1974	9, 15
ACROSONIC	Brazil	002170914	002170914	3/9/1948	3/9/1948	15
HAMILTON	Brazil	902113518	902113518	11/12/2009	9/4/2012	15
BALDWIN. (stylized)	Brazil	902113500	902113500	11/12/2009	9/4/2012	15
BALDWIN w/Piano Keys (stylized)	Brazil	902113577	902113577	11/12/2009	9/4/2012	15
FUN MACHINE	Brazil	828571562	828571562	11/12/2009	9/4/2012	15
HOWARD	Brazil	902113534	902113534	11/12/2009	9/4/2012	15
ACROSONIC	Canada	1477513	802262	4/19/2010	7/15/2011	15
BALDWIN	Canada	0229345	TMA104411	3/15/1955	9/21/1956	15
BALDWIN	Canada	0082886	TMDA20100	8/29/1914	8/29/1914	15
DEBUT MUSIC SYSTEMS	Canada	0711498	TMA448219	8/24/1992	9/29/1995	15
HOWARD CHICAGO – Stylized	Canada	0044057	TMDA8412	6/18/1902	6/18/1902	15
HOWARD, CABINET, GRAND & DESIGN – Stylized	Canada	0484211	TMDA8413	6/18/1902	06/18/1902	15
IVERS & POND	Canada	1477515	805080	4/19/2010	8/23/2011	15
KRANICH & BACH	Canada	0777524	TMA458583	3/9/1995	5/31/1996	15
ACROSONIC	Chile	765352	804077	3/8/2007	4/8/2007	15

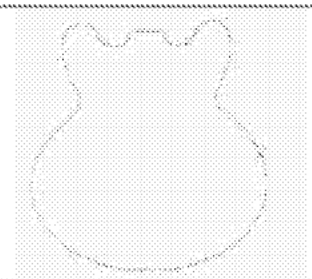
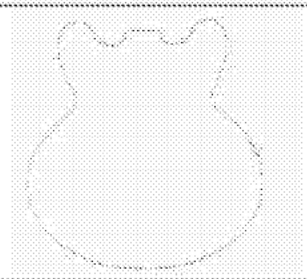
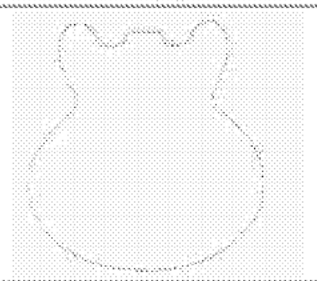
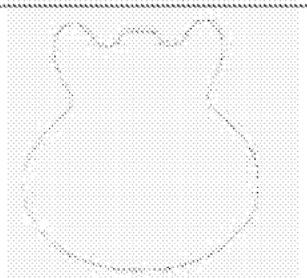
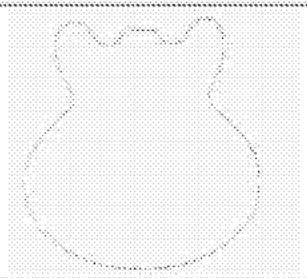
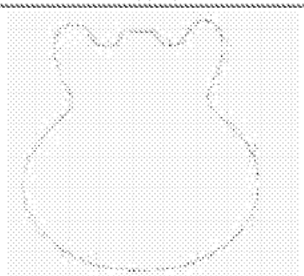
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
BALDWIN – Stylized	Chile	735583	772681	07/06/2006	08/19/2006	15
HAMILTON – Stylized	Chile	735582	772680	07/06/2006	08/19/2006	15
ACROSONIC	China	3368350	3368350	11/13/2002	5/14/2004	15
BALDWIN	China	3368356	3368356	11/13/2002	2/21/2006	15
BALDWIN	China	745483	745483	3/23/2005	5/14/2005	15
CHICKERING	China	3368354	3368354	11/13/2002	8/28/2004	15
ELLINGTON	China	3368353	3368353	11/13/2002	5/14/2004	15
IVERS & POND	China	3223565	3223565	6/26/2002	11/28/2003	15
JC FISCHER	China	847786	847786	12/15/2005	6/14/2006	15
KRANICH & BACH	China	3368349	3368349	11/13/2002	2/21/2006	15
KRANICH & BACH	China	847787	847787	12/15/2005	6/14/2006	15
BALDWIN	Colombia	196496	196497	Unknown	12/23/2006	15
WURLITZER (commercial name)	Colombia	246	246		12/1/2000	
BALDWIN	Finland	196101669	40544	5/29/1961	3/30/1963	15
BALDWIN – Stylized	France	1367427	1367427	6/10/1985	6/10/1985	15
BALDWIN	Germany	B53693	355528	6/5/1926	8/11/1926	15
BALDWIN	Germany	T812	624929	11/8/1950	8/18/1952	15
BALDWIN	Israel	228394	228394	3/25/2010	4/7/2011	15
ACROSONIC	Italy	RM/2007/4116	1272653	7/03/2007	4/16/2010	15
BALDWIN	Italy	TO/2000/3537	912869	6/5/1926	8/11/1926	15
BALDWIN	Italy	RM/2006/3863	1219024	6/28/2006	10/06/2009	15
BALDWIN	Japan	H05-055732	3202998	6/4/1993	9/30/1996	15
BALDWIN – in Japanese letters	Japan	H05-055733	3202999	6/4/1993	9/30/1996	15
BALDWIN	New Zealand	85959	85959	1/4/1968	10/7/1970	15
ACROSONIC	Panama	1517-01	1517-01	unknown	09/12/2006	15
BALDWIN	South Africa	B1966/00492	B1966/00492	2/10/1966	9/15/1967	15

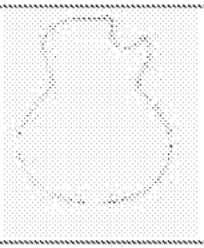
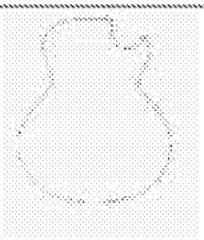
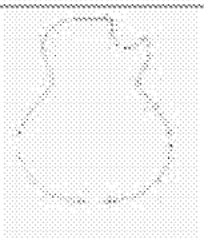
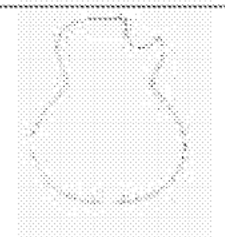
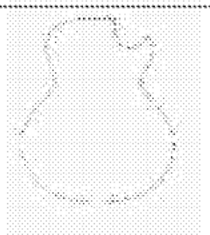
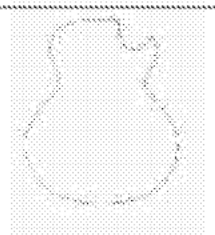
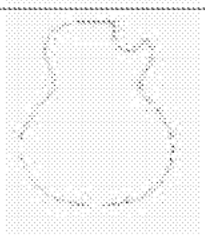
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
BALDWIN	South Africa	1968/00283	1968/00283	1/23/1968	11/29/1968	9
BALDWIN	South Africa	B1968/00284	B1968/00284	1/23/1968	11/29/1968	15
IVERS & POND	South Korea	2002-29310	565795	6/25/2002	11/18/2003	15
WURLITZER	South Korea	---	236634	---	4/29/1992	9
WURLITZER	South Korea	---	245627	---	8/4/1992	15
WURLITZER	South Korea	---	247865	---	8/24/1992	9
HAMILTON	Spain	2751190	2751190	1/23/2007	7/6/2007	15
ACROSONIC	Spain	2751192	2751192	1/23/2007	7/6/2007	15
BALDWIN	Spain	26644M	26644M	11/15/1915	11/15/1915	15
BALDWIN	Sweden	2009/07658	410095	10/1/2009	03/26/2010	9, 15
PIANOLA	United Kingdom	2410108	2410108	12/29/2005	12/29/2005	15

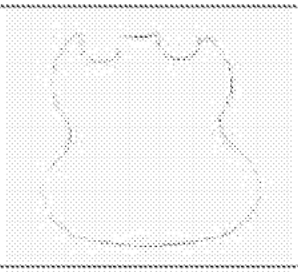
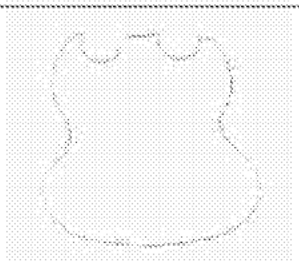
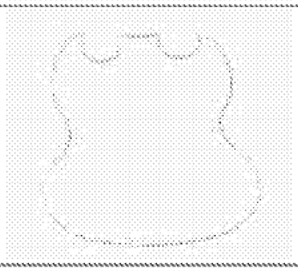
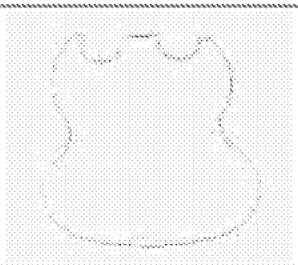
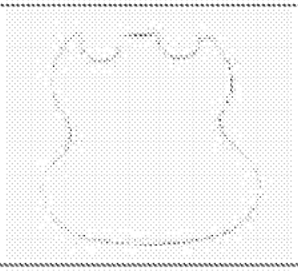
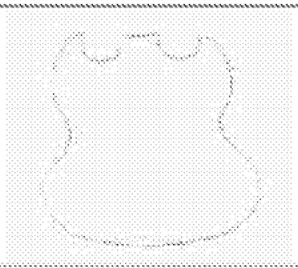
Gibson Brands, Inc.
Foreign Trademarks
(Pending)

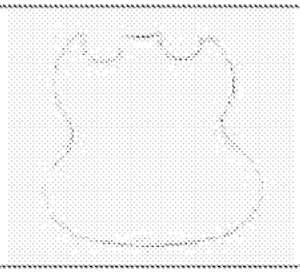
MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD	Australia	1776888	6/15/2016	15
MISCELLANEOUS DESIGN – EXPLORER GUITAR BODY	Australia	1777323	6/15/2016	15
MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	Australia	1776877	6/15/2016	15
MISCELLANEOUS DESIGN – JOHNNY A GUITAR BODY	Australia	1776881	6/15/2016	15
SG GUITAR BODY DESIGN (divisional)	Australia	1776886	6/15/2016	15
ES GUITAR BODY DESIGN	Australia	1782084	6/8/2016	15
EXPLORER (word mark)	Australia	1782095	7/8/2016	15
FLYING V (word mark)	Australia	1794135	9/13/2016	15
SG (word mark)	Australia	1776885	6/15/2016	15
THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN (multi-view)	Australia	1815376	12/13/2016	15
	Brazil	908860455	1/14/2015	21
	Brazil	908217803	9/2/2014	9
	Brazil	908217820	9/2/2014	15
	Brazil	908861265	1/14/2015	9

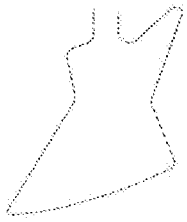
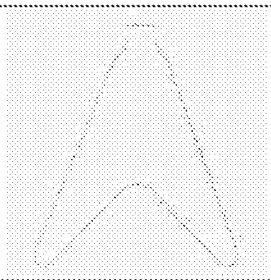
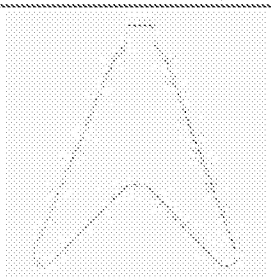
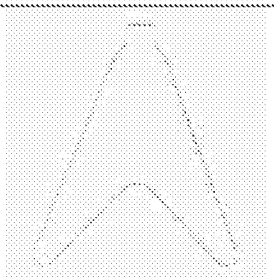
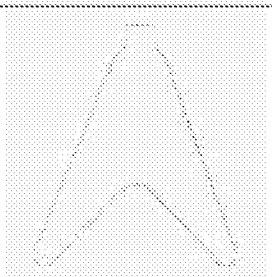
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	Brazil	908861273	1/14/2015	14
	Brazil	908861281	1/14/2015	16
	Brazil	908861311	1/14/2015	20
	Brazil	908861338	1/14/2015	21
	Brazil	908861362	1/14/2015	25
	Brazil	908861370	1/14/2015	28
	Brazil	908860269	1/14/2015	9

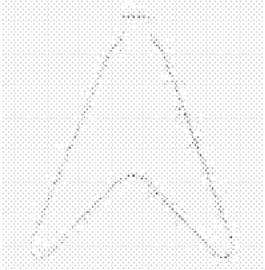
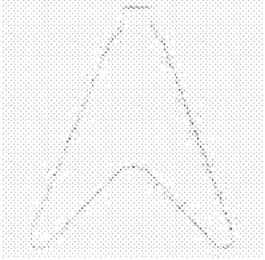
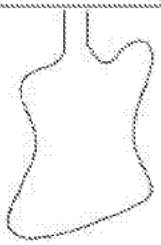
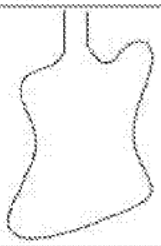
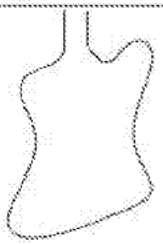
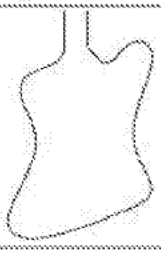
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	Brazil	908860307	1/14/2015	14
	Brazil	908860315	1/14/2015	16
	Brazil	908860323	1/14/2015	20
	Brazil	908860331	1/14/2015	21
	Brazil	908860358	1/14/2015	25
	Brazil	908860366	1/14/2015	28

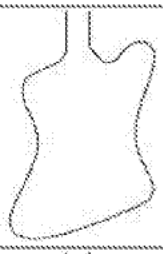
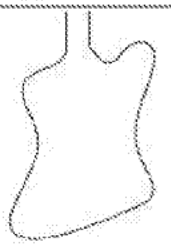
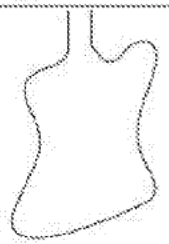
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	Brazil	908860730	1/14/2015	9
	Brazil	908860811	1/14/2015	14
	Brazil	908860846	1/14/2015	16
	Brazil	908860862	1/14/2015	20
	Brazil	908860900	1/14/2015	21
	Brazil	908860943	1/14/2015	25
	Brazil	908860960	1/14/2015	28

MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
	Brazil	908860978	1/14/2015	9
	Brazil	908860986	1/14/2015	14
	Brazil	908861028	1/14/2015	16
	Brazil	908861036	1/14/2015	20
	Brazil	908861044	1/14/2015	21
	Brazil	908864205	1/14/2015	25

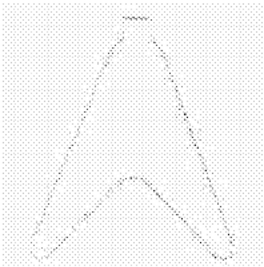
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	Brazil	908864205	1/14/2015	28
	Brazil	908861109	1/14/2015	9
	Brazil	908861141	1/14/2015	14
	Brazil	908861168	1/14/2015	16
	Brazil	908861184	1/14/2015	20
	Brazil	908861206	1/14/2015	21

MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
	Brazil	908861222	1/14/2015	25
	Brazil	908861257	1/14/2015	28
	Brazil	908860374	1/14/2015	9
	Brazil	908860390	1/14/2015	14
	Brazil	908860412	1/14/2015	16
	Brazil	908860439	1/14/2015	20

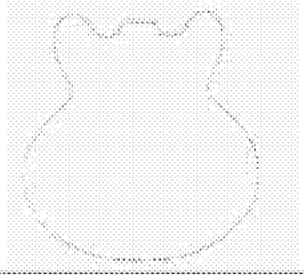
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	Brazil	908860471	1/14/2015	25
	Brazil	908860498	1/14/2015	28
	Brazil	908860501	1/14/2015	9
	Brazil	908860510	1/14/2015	14
	Brazil	908860544	1/14/2015	16
	Brazil	908860560	1/14/2015	20

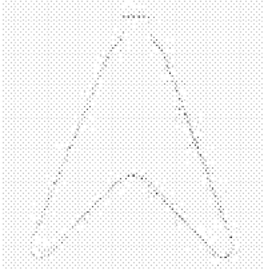
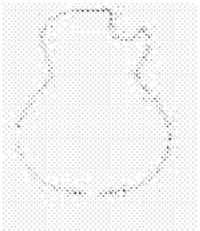
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	Brazil	908860609	1/14/2015	21
	Brazil	908860684	1/14/2015	25
	Brazil	908860714	1/14/2015	28
AEROFLEX	Brazil	909441537	5/27/2015	9
BEELINE	Brazil	907156886	12/19/2013	9
BUMBLEBEE	Brazil	907142168	12/17/2013	9
BURSTDRIVER	Brazil	911978038	11/29/2016	15
CERWIN-VEGA	Brazil	906660009	8/13/2013	9
CLOUD MOAT	Brazil	910974195	5/2/2016	9
CONCERTCASTER	Brazil	907825290	6/11/2014	9
CONCERTCASTER MASTER	Brazil	907825206	6/11/2014	9
ECHOPLEX	Brazil	907800521	6/5/2014	9
ELECTAR	Brazil	907800530	6/5/2014	9
eMOAT	Brazil	910974225	5/2/2016	9
EPIPHONE	Brazil	908632304	11/21/2014	9
EPIPHONE PRO-1	Brazil	908888546	1/21/2015	15
EPIPHONE SCRATCHLESS PICKGUARD	Brazil	907670490	5/09/2014	15
ES	Brazil	908631847	11/21/2014	9
ETune	Brazil	907142133	12/17/2013	15
EZ-PROFILE	Brazil	907670458	5/09/2014	15
EZ-STRING	Brazil	907670474	5/09/2014	15
FLYING V	Brazil	908631758	11/21/2014	9
G FORCE	Brazil	907904645	6/30/2014	15
GIBSON	Brazil	908561598	11/7/2014	9
GIBSON	Brazil	908889283	1/21/2015	9
GIBSON	Brazil	908889321	1/21/2015	14
GIBSON	Brazil	908889330	1/21/2015	16

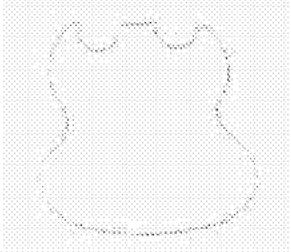
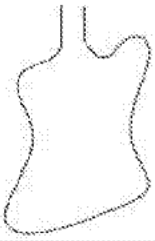
MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
GIBSON	Brazil	908889348	1/21/2015	20
GIBSON	Brazil	908889364	1/21/2015	21
GIBSON	Brazil	908889399	1/21/2015	25
GIBSON	Brazil	908889402	1/21/2015	28
GIBSON (stylized)	Brazil	905781872	1/15/2013	15
GIBSON BRANDS	Brazil	906307465	5/29/2013	9
GIBSON BRANDS	Brazil	906307481	5/29/2013	15
GIBSON EXPLORER	Brazil	908631820	11/21/2014	9
GIBSON GUITARS	Brazil	906307511	5/29/2013	9
GIBSON GUITARS	Brazil	906307538	5/29/2013	15
GIBSON MEMORY CABLE	Brazil	911730958	10/6/2016	9
GIBSON MUSE	Brazil	907160077	12/20/2013	9
GIBSON SOLID FORMED	Brazil	908489471	10/23/2014	15
GIBSON WIDGET	Brazil	907160050	12/20/2013	9
GOOD MOAT	Brazil	910974179	5/2/2016	9
JUMBOPRO	Brazil	907670598	5/09/2014	15
LES PAUL	Brazil	908631790	11/21/2014	9
LES PAUL	Brazil	908707193	12/4/2014	9
LIFTON	Brazil	910974985	5/2/2016	15
MAESTRO	Brazil	903832453	7/8/2011	9
MAESTRO	Brazil	903832364	7/8/2011	15
MIX RECALL	Brazil	908120680	8/14/2014	9
NEAT WIDGET	Brazil	907160069	12/20/2013	9
NIGHTNAV	Brazil	909471096	6/3/2015	9
ONLY A GIBSON IS GOOD ENOUGH (Stylized)	Brazil	906056144	4/1/2013	15
PERFECT CLARITY	Brazil	906890330	10/15/2013	9
PERFECT-MINDREADER	Brazil	907016979	11/14/2013	9
PERFECT MOAT	Brazil	910974217	5/2/2016	9
PLAY RECORD LISTEN	Brazil	908231377	9/4/2014	9
PLAY RECORD LISTEN	Brazil	908231415	9/4/2014	15
PLAY RECORD LISTEN	Brazil	908231466	9/4/2014	25
POLARIS	Brazil	903627744	5/10/2011	15
PRODUCTS FOR A HAPPY LIFE	Brazil	909453209	5/29/2015	9
PRODUCTS FOR A HAPPY LIFE	Brazil	909453152	5/29/2015	15
PRODUCTS FOR A HAPPY LIFE	Brazil	909453195	5/29/2015	35
PRO-EASE	Brazil	907670393	5/09/2014	4
PROPHECY	Brazil	903627779	5/10/2011	15
PUSH STRUM PERFECT	Brazil	908354541	9/26/2014	15
QUICK CONNECT	Brazil	903632322	5/10/2011	15
SG	Brazil	908631766	11/21/2014	9
SG (word mark)	Brazil	905781910	1/15/2013	15
SNAKEPIT	Brazil	908214790	9/2/2014	9

MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
SNAKEPIT	Brazil	908214804	9/2/2014	15
STRIKER	Brazil	908027222	7/25/2014	15
SUPREME GRIP	Brazil	840825722	4/23/2014	15
SWINGSTER	Brazil	903627817	5/10/2011	15
THUNDER TOWER	Brazil	910965110	4/29/2016	9
TRAINER	Brazil	909557063	6/18/2015	9
TT-1X	Brazil	910972036	5/2/2016	9
TUNE-O-MATIC	Brazil	910923183	4/19/2016	15
UBERCASE	Brazil	904998576	7/6/2012	15
ULTIMA	Brazil	903627884	5/10/2011	15
VIBROLA	Brazil	903627787	5/10/2011	15
VOCALSYNC	Brazil	908120621	8/14/2014	9
WILSHIRE	Brazil	903627728	5/10/2011	15
FLYING V	Canada	1783309	5/19/2016	15
LES PAUL	Canada	1783310	5/19/2016	9, 15
 THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN	China	15918752	12/12/2014	15
BEECASTER	China	13734996	12/16/2013	9
BEEHIVE	China	17557536	7/31/2015	9
BURSTDRIVER	China	TBD	11/23/2016	15
CLOUD MOAT	China	TBD	4/28/2016	9
eMOAT	China	TBD	4/28/2016	9
EPIPHONE	China	13019774	8/2/2013	25
ES	China	1571810	11/17/2014	9
ETune	China	13734997	12/16/2013	15
FLYING V	China	TBD	1/4/2017	9
FLYING V GUITAR BODY DESIGN 	China	15715803	11/17/2014	9,14,16,20,21,25,28

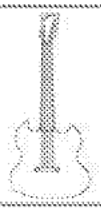
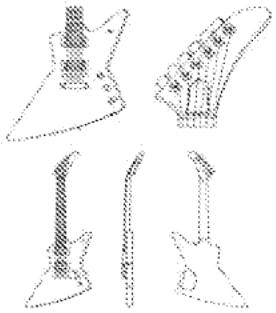
MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
GIBSON BUMBLEBEE	China	13734982	12/16/2013	9
GIBSON KING BEE	China	13734994	12/16/2013	9
GIBSON MUSE	China	13734984	12/16/2013	9
GIBSON POWER TOWER	China	19066936	2/2/2016	9
GOGEAR	China	16648680	4/7/2015	9
GOOD MOAT	China	19790591	4/28/2016	9
HOMECASTER	China	19626835	4/14/2016	9
JUMBOPRO	China	14513522	5/6/2014	15
LIFTON	China	19828935	5/3/2015	15
MATH	China	13734987	12/16/2013	9
NEAT BUMBLEBEE	China	13734981	12/16/2013	9
NEAT KING BEE	China	13734993	12/16/2013	9
NEAT MUSE	China	13734983	12/16/2013	9
NEAT WIDGET	China	13734985	12/16/2013	9
ONLY AIR GUITAR IS EASIER TO PLAY	China	14513523	5/6/2014	15
PERFECT MOAT	China	19790589	4/28/2016	9
PRODUCTS FOR A HAPPY LIFE	China	17011618	5/22/2015	9,15,35
THUNDER TOWER	China	19760037	4/26/2016	9
TT-1X	China	19775050	4/27/2016	9
TUNE-O-MATIC	China	19659604	4/18/2016	15
WORKER BEE	China	13734995	12/16/2013	9
史云威格 (CERWIN VEGA)	China	13084494	8/15/2013	9
Epiphone	Colombia	15063900	3/19/2015	9, 15
BURSTDRIVER	CTM	016204257	12/28/2016	9
NEAT	CTM	012552527	1/31/2014	9,15,25
NEAT	CTM	012427308	12/13/2013	9,15,25
NEAT MUSE	CTM	012429668	12/13/2013	9,15,25
STRIKER	CTM	013112735	7/24/2014	9,15,25
G	India	2802512	9/3/2014	9, 15
AEROFLEX	India	2964638	5/14/2015	9
AREA G SILICON VALLEY (& design)	India	2662274	1/20/2014	9
BLUE LIGHTNING	India	2045762	10/28/2010	9
BURSTDRIVER	India	3417966	11/23/2016	15

MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
CERWIN-VEGA	India	2458320	1/10/2013	9
CLOUD MOAT	India	3245700	4/2/2016	9
DESIGNED BY PROFESSIONALS TO BE EASY TO PLAY	India	2731445	5/5/2014	15
DOVE-WING PEG HEAD DESIGN 	India	2847616	11/18/2014	9,14,16,20,21,25,28
E (stylized)	India	2458317	1/10/2013	9,15
ELECTAR	India	2747232	5/30/2014	9
eMOAT	India	3245702	4/27/2016	9
EPIPHONE	India	2843989	11/14/2014	9
EPIPHONE Peg Head Design ("Moustache")	India	2458323	1/10/2013	15
ES	India	2843987	11/14/2014	9
ES GUITAR BODY DESIGN 	India	2847610	11/18/2014	9,14,16,20,21,25,28
EXPLORER (word mark)	India	2458315	1/10/2013	15
EXPLORER GUITAR BODY DESIGN 	India	2847615	11/18/2014	9,14,16,20,21,25,28
EZ-STRING	India	2731443	5/5/2014	15
FIREBIRD X	India	2024123	9/16/2010	15
FLYING V (word mark)	India	2843981	11/14/2014	9
FLYING V (word mark)	India	2458314	1/10/2013	15
FLYING V (word mark)	India	3403964	11/4/2016	25
FLYING V GUITAR BODY DESIGN	India		11/18/2014	9,14,16,20,21,25,28

MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
				
GIBSON	India	2839412	11/7/2014	9
GIBSON	India	013461736	11/18/2014	9,14,16,20,21,25,28
GIBSON EXPLORER	India	2843986	11/14/2014	9
GIBSON SOLID FORMED	India	2832415	10/21/2014	15
GOLD TONE	India	2047778	11/1/2010	9
GOOD MOAT	India	3245699	4/27/2016	9
HONEYCOMB	India	2643269	12/16/2013	9
LES PAUL	India	2843984	11/14/2014	9
LES PAUL	India	2853768	11/27/2014	9
LES PAUL GUITAR BODY DESIGN 	India	2847613	11/18/2014	9,14,16,20,21,25,28
LIFTON	India	3249072	5/2/2016	15
MATH	India	2643273	12/16/2013	9
MELODY MAKER	India	2160379	6/15/2011	15
MEMORY CABLE	India	2673007	2/5/2014	9
Min-Etune	India	2417790	10/26/2012	15
MISCELLANEOUS DESIGN – SG GUITAR BODY	India	2057551	11/23/2010	15
MISCELLANEOUS DESIGN – THUNDERBIRD/FIREBIRD GUITAR BODY	India	2088908	1/24/2011	15
MIX RECALL	India	2789908	8/12/2014	9
NEAT	India	2643262	12/16/2013	9
NEAT MUSE	India	2643277	12/16/2013	9
ONLY A GIBSON IS GOOD ENOUGH (stylized)	India	2500251	3/21/2013	15
PERFECT CLARITY	India	2611329	10/11/2013	9
PERFECT MOAT	India	3245701	4/27/2016	9
PLAY RECORD LISTEN	India	2801477	9/1/2014	9,15,25
PRODUCTS FOR A HAPPY LIFE	India	2972286	5/25/2015	9,15,35

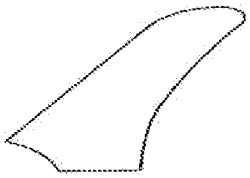
MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
PRO-EASE	India	2731440	5/5/2014	4
PURE ANALOG	India	2035187	10/28/2010	9, 15
PUREVOICE	India	2450367	12/28/2012	15
PUSH STRUM PERFECT	India	2818319	9/24/2014	15
ROBOT TUNERS	India	2412805	10/17/2012	15
ROKIT POWERED and Design	India	2579349	8/13/2013	9
SG	India	2843983	11/14/2014	9
SG GUITAR BODY DESIGN 	India	2847614	11/18/2014	9,14,16,20,21,25,28
SNAKEPIT	India	2799268	8/28/2014	9, 15
SONAR	India	2309931	4/3/2012	9
SUPREME GRIP	India	2722178	4/22/2014	15
SWINGSTER	India	2160375	6/15/2011	15
THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN 	India	2847612	11/18/2014	9,14,16,20,21,25,28
THUNDER TOWER	India	3243979	4/26/2016	9
TUNE-O-MATIC	India	3238060	4/18/2016	
ULTIMA	India	2160371	6/15/2011	15
TT-1X	India	3245698	4/27/2016	9
VOCALSYNC	India	2789907	8/12/2014	9
WORKER BEE	India	2643266	12/16/2013	9
DOVE WING Peg Head	Israel	257830	7/31/2013	15
BURSTDRIVER	Japan	2016133578	11/25/2016	15
CLOUD MOAT	Japan	201649156	5/2/2016	9
eMOAT	Japan	201649158	5/2/2016	9
GOOD MOAT	Japan	201649155	5/2/2016	9
PERFECT MOAT	Japan	201649157	5/2/2016	9
THUNDER TOWER	Japan	201647348	4/26/2016	9
TT-1X	Japan	201649154	5/2/2016	9
MAESTRO	Malaysia	2015060026	6/25/2015	15

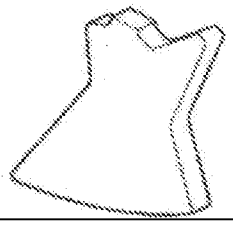
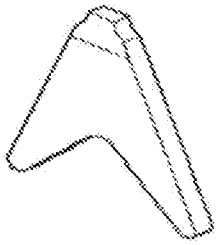
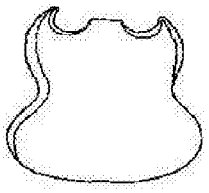
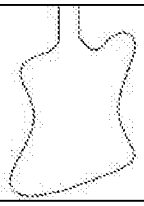
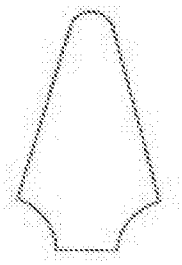
MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
LES PAUL Guitar Body Design	New Zealand	1048170	8/4/2016	15
SG Guitar Body Design (base)	New Zealand	1048168	8/4/2016	15
SG Guitar Body Design (w/neck)	New Zealand	1048167	8/4/2016	15
ES GUITAR BODY DESIGN	New Zealand	1046619	7/12/2016	15
EXPLORER GUITAR BODY DESIGN	New Zealand	1046621	7/12/2016	15
FLYING V GUITAR BODY DESIGN	New Zealand	1046620	7/12/2016	15
EPIPHONE PEG HEAD DESIGN	New Zealand	1046625	7/12/2016	15
EXPLORER	New Zealand	971243	1/7/2013	15
FLYING V (word mark)	New Zealand	1048164	8/4/2016	15
SG (word mark)	New Zealand	1046623	7/12/2016	15
THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN	New Zealand	1046624	7/12/2016	15
GIBSON	Nigeria	306156627520	7/2/2014	9
GIBSON	Nigeria	306160008807	7/2/2014	15
GIBSON BRANDS	Nigeria	306122174622	7/2/2014	9
GIBSON BRANDS	Nigeria	306194040147	7/2/2014	15
GIBSON GUITARS	Nigeria	306137624882	7/2/2014	9
GIBSON GUITARS	Nigeria	306111569391	7/2/2014	15
SG (word mark)	Russian Federation	2013700629	1/11/2013	15
ES BODY DESIGN	South Africa	2012/25545	9/19/2012	15
EXPLORER GUITAR BODY DESIGN	South Africa	2012/25873	9/19/2012	15
FIREBIRD/THUNDERBIRD BODY DESIGN	South Africa	2012/25874	9/19/2012	15
FLYING V GUITAR BODY DESIGN	South Africa	2012/25872	9/19/2012	15
LES PAUL BODY DESIGN	South Africa	2012/25543	9/19/2012	15
SG BODY DESIGN	South Africa	2012/25544	9/19/2012	15
MISCELLANEOUS DESIGN – SG GUITAR BODY (with neck)	South Korea	2013-19419	3/28/2013	15, 28

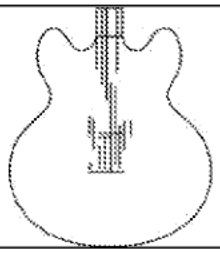
MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
	South Korea	4020130069322	10/22/2013	28
	Spain	3510643	5/12/2014	15
MAESTRO	Thailand	832629	1/16/2012	9
MAESTRO BY GIBSON	Thailand	160112073	10/25/2016	15
FLYING V	Turkey	2013/49703	6/3/2013	15
FLYING V Guitar Body Design (base only)	Turkey	2013/49704	6/3/2013	15
BURSTDRIVER	United Kingdom	UK00003198814	11/24/2016	15
STANTON	United Arab Emirates	180401	10/9/2012	9
CERWIN-VEGA	United Arab Emirates	195328	7/23/2013	9
CV LOGO	United Arab Emirates	195327	7/23/2013	9

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Foreign Trademarks
(Registered)

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
CERWIN-VEGA	Argentina	---	1712227	---	2/24/2000	9
E STYLIZED	Argentina	2768844	2282214	4/29/74	10/8/97	15
EPIPHONE	Argentina	2.062.282 –	1,661,564	12/19/96	3/20/98	15
GIBSON and Design	Argentina	3246437	2613530	12/19/90	7/1/2003	15
GIBSON	Argentina	2,686,323	2182583	7/18/06	09/20/2007	15
KRAMER	Argentina	2950699	2393700	12/23/96	12/4/99	15
LES PAUL	Argentina	2640263	2097071	5/10/95	1/15/96	15
GIBSON	Argentina	3161468	2515994	9/20/1996	6/25/02	9
GIBSON (stylized)	Argentina	3202922	2732668	10/30/2012	6/12/2015	15
PICKERING	Argentina	3190517	2615054	9/10/2012	12/11/2013	9
VALLEY ARTS	Argentina	3260279	2670874	6/28/2013	8/14/2014	15
WURLITZER (STYLIZED)	Argentina	3428210	2807065	7/28/2015	5/27/2016	9
STANTON	Australia	292222	292222	11/18/1975	11/18/1975	9
STANTON	Australia	312998	312998	11/18/1975	11/18/1975	9
BALDWIN	Australia	1534284	1534284	1/4/2013	6/2/2016	15
CAKEWALK	Australia	1371321	1371321	7/9/2010	7/9/2010	9
CERWIN-VEGA	Australia	297385	297385	Jun 1 1976	Jun 1 1976	9
CERWIN-VEGA LOGO	Australia	297386	297386	Jun 1 1976	Jun 1 1976	9
KRK	Australia	1305084	1305084	Jun 19 2009	Nov 3 2011	9
DESIGN GUITAR BODY (LES PAUL)	Australia	713871	713871	7/29/96	7/29/96	15
DESIGN PEGHEAD (DOVE WING)	Australia	A290,986	A290,986	10/2/75	1/17/79	15
DESIGN PINEAPPLE	Australia	A-290,985	A-290,985	10/2/75	1/19/78	
DESIGN SPLIT DIAMOND	Australia	A290,984	A290,984	10/2/75	1/23/77	15
DESIGN BELL SHAPE	Australia	A290,983	A290,983	10/2/75	10/2/75	15
DESIGN URN & FLOWERS	Australia	A-290,987	A-290,987	10/7/75	1/27/77	15
DOBRO	Australia	681,027	681,027	12/15/95	10/3/97	15
E (stylized)	Australia	1534290	1534290	1/4/2013	7/10/2013	15
EPIPHONE (stylized)	Australia	A277,428	A277,428	4/4/74	6/4/75	15
EPIPHONE	Australia	1437693	1437693	7/20/2011	5/22/2013	9, 15
GIBSON	Australia	A85,364	A85,364	11/23/45	9/24/73	9
GIBSON	Australia	B216,533	B216,533	2/2/68	5/23/72	15
GIBSON	Australia	B216,534	B216,534	2/2/68	12/17/71	9
GIBSON	Australia	1123274	1123274	7/11/06	6/05/2010	15
KRAMER	Australia	724208	724208	12/17/96	12/17/96	15
LES PAUL	Australia	B337,378	B337,378	4/4/74	11/9/81	9
LES PAUL	Australia	B277,429	B277,429	4/4/74	7/31/80	15
MAESTRO	Australia	1534289	1534289	1/4/2013	7/10/2013	15

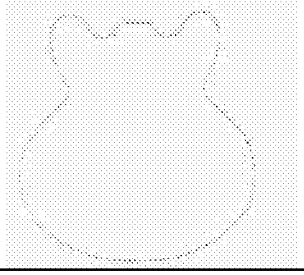
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
PROJECT5	Australia	963502	963502	7/29/2003	7/29/2003	9
VALLEY ARTS	Australia	924741	924741	8/27/02	8/27/2002	15
WURLITZER	Australia	B167055	B167055	6/1/61	6/1/61	15
WURLITZER	Australia	B167054	B167054	6/1/61	6/1/61	9
WURLITZER	Australia	A77999	A77999	4/31/41	4/30/41	15
WURLITZER	Australia	A260556	A260556	7/26/72	7/26/72	9
CERWIN-VEGA	Austria	81391	137254	02/02/91	08/27/91	9
EPIPHONE	Austria	AM707/74	77,447	3/25/74	5/28/74	15
GIBSON	Austria	61,668	61,668	1/23/68	5/8/68	9, 15
KRAMER	Austria	AM293/97	169071	1/23/97	4/2/97	15
LES PAUL	Austria	77,816	77,816	3/25/74	7/15/74	15
VALLEY ARTS	Austria	AM5565/2002	209864	4/29/02	4/23/03	15
WURLITZER	Austria	36805	36805	4/30/1958	6/17/1957	9, 15
WURLITZER	Austria	1793/77	86778	7/12/1977	11/14/1977	9
AEROFLEX	Benelux	1299539	0967171	11/17/2014	2/26/2015	9
STANTON (stylized)	Benelux	41334	355337	11/27/78	11/27/78	9
CERWIN-VEGA	Benelux	41950	R357954	04/03/79	04/03/79	9
CV Logo	Benelux	41951	R358439	04/03/79	04/03/79	9
DESIGN BELL	Benelux	36,495	335,221	10/22/75	12/30/75	15
DESIGN PEGHEAD (DOVE WING)	Benelux	36,497	335,223	10/22/75	12/30/75	15
DESIGN SPLIT DIAMOND	Benelux	36,496	335,222	10/22/75	12/30/75	15
EPIPHONE	Benelux	34145	325,550	4/23/74	9/20/74	15
GIBSON	Benelux	588,353	110,481	12/31/71	11/5/74	15
KRAMER	Benelux	886774	607367	1/30/97	1/30/97	15
LES PAUL	Benelux	34,146	325,551	4/23/74	4/23/74	15
NIGHTNAV	Benelux	1301368	0967806	12/17/2014	3/10/2015	9
TRAYNER	Benelux	1301374	0967796	12/17/2014	3/10/2015	9
	Benelux	1301376	0967797	12/17/2014	3/10/2015	9
	Benelux	1301378	0967798	12/17/2014	3/10/2015	9
VALLEY ARTS	Benelux	1017175	724382	8/28/02	8/28/2002	15
WURLITZER	Benelux	0587550	109658	12/31/71	12/31/1971	9, 15
	Brazil	905781287	905781287	1/15/2013	12/22/2015	15

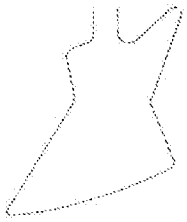
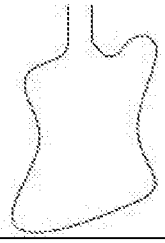
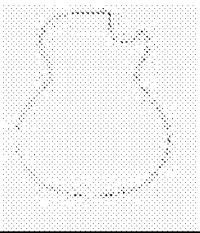
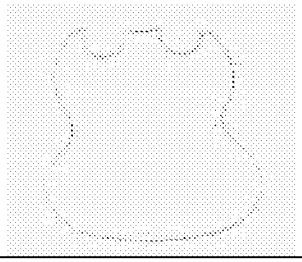
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
	Brazil	903748053	903748053	6/15/2011	10/29/2014	15
	Brazil	903748088	903748088	6/15/2011	10/29/2014	15
	Brazil	903748096	903748096	6/11/2011	10/28/2014	15
	Brazil	903748100	903748100	6/11/2011	10/28/2014	15
	Brazil	903748126	903748126	6/11/2011	10/28/2014	15
	Brazil	903748142	903748142	6/11/2011	10/28/2014	15
	Brazil	903748169	903748169	6/11/2011	10/28/2014	15

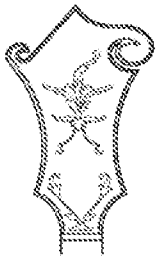
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
	Brazil	905781244	905781244	1/15/2013	12/22/2015	15
	Brazil	905781457	905781457	1/15/2013	12/22/2015	15
AREA G SILICON VALLEY (and Design)	Brazil	9007327257	9007327257	2/12/2014	10/18/2016	9
ARTISAN	Brazil	903627876	903627876	5/10/2011	8/26/2014	15
BEECASTER	Brazil	907156835	907156835	12/19/2013	9/27/2016	9
BEEHIVE	Brazil	907159990	907159990	12/20/2013	9/27/2016	9
BEEKEEPER	Brazil	907156860	907156860	12/19/2013	9/27/2016	9
BEESTRO	Brazil	907159966	907159966	12/20/2013	9/27/2016	9
BELL SHAPED TRUSS ROD COVER	Brazil	905781414	905781414	1/15/2013	12/22/2105	15
CAKEWALK	Brazil	830686500	830686500	7/15/2010	7/11/2013	9
CASINO	Brazil	903627833	903627833	5/10/2011	8/26/2014	15
CERWIN-VEGA	Brazil	817680470	817680470	1/17/1994	11/7/1995	9
CV Logo	Brazil	817680489	817680489	1/17/1994	11/7/1995	9
E (stylized)	Brazil	905781821	905781821	1/15/2013	12/22/2015	15
EMPEROR	Brazil	903627850	903627850	5/10/2011	8/26/2014	15
EPIPHONE	Brazil	818461888	818461888	4/28/1995	10/24/2000	15
EPIPHONE (stylized)	Brazil	905781660	905781660	1/15/2013	12/22/2015	9
EPIPHONE (stylized)	Brazil	905781813	905781813	1/15/2013	12/22/2015	15
EXPLORER (word mark)	Brazil	905781627	905781627	1/15/2013	12/22/2015	15
FLYING V (word mark)	Brazil	905781473	905781473	1/15/2013	12/22/2015	15
GIBSON	Brazil	816767580	816767580	6/7/92	9/14/93	15
GIBSON	Brazil	828571562	828571562	07/14/06	06/15/10	9
GIBSON (stylized)	Brazil	905785193	905785193	1/15/2013	12/22/2015	15
HOMECASTER	Brazil	906228476	906228476	5/13/2013	2/23/2016	9
HONEYCOMB	Brazil	907156878	907156878	12/19/2013	9/27/2016	9
KING BEE	Brazil	907142168	907142168	12/17/2013	9/27/2016	9
KRAMER	Brazil	819826065	819826065	2/26/97	8/24/04	15
KRK	Brazil	905781864	905781864	1/15/2013	12/22/2015	9
LES PAUL	Brazil	017821	6,585,965	10/1/74	8/10/77	15
LES PAUL	Brazil	017821A	6,585,973	10/1/74	8/10/77	15
MATH	Brazil	907160026	907160026	12/20/2013	9/27/2016	9
MELODY MAKER	Brazil	903627760	903627760	5/10/2011	8/19/2014	15

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
MINDREADER	Brazil	907017010	907017010	11/14/2013	8/16/2016	9
Min-Etune	Brazil	905476417	905476417	10/29/2012	10/06/2015	15
NEAT	Brazil	907135960	907135960	12/16/2013	9/6/2016	9
NEAT MUSE	Brazil	907160107	907160107	12/20/2016	9/27/2016	9
PUREVOICE	Brazil	905745345	905745345	1/7/2013	11/3/2015	15
ROBOT TUNERS	Brazil	905425154	905425154	10/17/2012	10/6/2015	15
ROKIT POWERED (Stylized & Design)	Brazil	906682363	906682363	8/27/2013	5/31/2016	9
STANTON (stylized)	Brazil	826808395	826808395	10/11/2004	02/07/2007	9
STEINBERGER	Brazil	818461861	818461861	9/5/96	3/3/98	18 (15.10)
TOBIAS	Brazil	902113550	902113550	11/13/09	9/25/2012	15
TOBY	Brazil	905950003	905950003	3/7/2013	12/22/2015	15
	Brazil	907277861	907277861	1/30/2014	10/25/2016	9
VALLEY ARTS	Brazil	824857402	824857402	9/19/02	05/02/2007	15
WORKER BEE	Brazil	907156843	907156843	12/19/2013	9/27/2016	9
WURLITZER	Brazil	820241032	820241032	09/08/97	10/19/1999	9, 35
MISCELLANEOUS DESIGN –EXPLORER GUITAR BODY	Canada	1504053	926170	11/16/2010	1/15/2016	15
MISCELLANEOUS DESIGN – FLYING V PEG HEAD	Canada	1504059	925837	11/16/2010	1/13/2016	15
MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	Canada	1504054	926613	11/16/2010	1/21/2016	15
MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD	Canada	1504055	925835	11/16/2010	1/13/2016	15
MISCELLANEOUS DESIGN – SG GUITAR BODY	Canada	1504112	926167	11/17/2010	1/15/2016	15
CAKEWALK	Canada	1488379	TMA804205	7/12/2010	8/11/2011	9
CERWIN-VEGA	Canada	399203	TMA224306	6/18/1976	11/25/1977	9
CORDOVOX (DESIGN)	Canada	280,005	137,335	1/16/64	9/18/64	15
CV Logo	Canada	399824	TMA224876	6/15/1976	12/16/1977	9
DESIGN BELL	Canada	390,543	221,031	10/7/75	6/10/77	15
DESIGN PEGHEAD (DOVE WING)	Canada	394,816	223,827	2/19/76	10/28/77	15
DESIGN PINEAPPLE	Canada	390,545	220,124	10/7/75	4/22/77	15
DESIGN SPLIT DIAMOND	Canada	390,544	220,268	10/7/75	4/29/77	15
DESIGN URN & FLOWERS	Canada	390,546	220,269	10/7/75	4/29/77	15
DOBRO	Canada	799,785	TMA468,542	12/15/95	1/20/97	15
EPIPHONE	Canada	427,027	239,752	7/10/78	2/8/80	15
GIBSON	Canada	22,585	UCA22,585	11/9/45	11/9/45	15

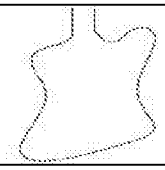
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
GIBSON	Canada	310,618	162,923	1/31/68	5/23/69	9 - 15
KRAMER	Canada	832,624	556,836	12/30/96	1/24/02	15
KRK	Canada	1397582	TMA742260	6/2/2008	6/18/2009	9
LABSERIES	Canada	426,658	240,965	6/27/78	3/14/80	15
LES PAUL (Truss Rod Cover)	Canada	337,190	191,190	6/23/71	5/25/73	15
LES PAUL GUITAR BODY 	Canada	1504052	TMA884344	11/16/2010	8/19/2014	15
PROJECT5	Canada	1184476	TMA649139	7/28/2003	9/28/2005	9
STANTON	Canada	1362062	TMA776861	8/31/07	9/13/2010	9
VALLEY ARTS	Canada	1151160	TMA685639	8/28/02	4/5/07	15
VICTORY	Canada	519063	TMA298,370	3/21/84	12/21/84	15
WURLITZER	Canada	50/13386	50/13386	7/18/39	7/18/39	15
CERWIN-VEGA	Chile	1191637	1209730	05/15/2006	5/15/2006	9
CV Logo	Chile	1124253	1137825	10/13/2004	12/13/2004	9
EPIPHONE	Chile	551.959	625.836	12/6/01	3/27/02	15
GIBSON	Chile	745430	782948	9/27/06	3/23/2007	9
GIBSON	Chile	852890	850908	1/26/09	1/28/09	9, 15
KRAMER	Chile	806092	779245	6/29/07	7/25/2007	15
KRK	Chile	977011	10/28/2011	1003558	4/5/2013	9
LES PAUL	Chile	879632	901985	9/30/2009	11/5/2010	15
PROSTAX	Chile	1124262	1137826	10/13/2004	12/13/2004	9
STANTON	Chile	971218	961469	10/18/2011	9/6/2012	9
VALLEY ARTS	Chile	1.020.337	990.038	8/29/02	12/30/02	15
AEROFLEX	China	16944084	16944084	5/14/2015	8/14/2016	9
AREA G SILICON VALLEY (and Design)	China	13942525	13942525	1/20/2014	4/28/2016	9
BEEKEEPER	China	13734992	13734992	12/16/2013	3/7/2015	9
BEELINE	China	13734990	13734990	12/16/2013	4/21/2015	9
BEESTRO	China	13734989	13734989	12/16/2013	3/14/2015	9
CAKEWALK	China	5433335	5433335	6/21/2006	6/14/2009	9
CERWIN-VEGA	China	714085	714085	05/11/1993	11/7/1994	9
史云威格 (CERWIN VEGA)	China	13179224	13179224	9/3/2013	1/7/2015	15
CONCERTCASTER	China	14593584	14593584	6/9/2014	7/14/2015	9
CONCERTCASTER MASTER	China	14593583	14593583	6/9/2014	7/14/2015	9
CV Logo	China	712886	712886	05/11/1993	10/28/1994	9
DESIGN BELL	China	94032665	1098860	4/18/94	9/14/97	15
DESIGN GUITAR BODY (LES PAUL)	China	9900015076	1750818	2/9/99	4/21/02	15

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
DESIGN ONLY – "F" HOLES IN GUITAR BODY	China	5618903	5618903	9/20/06	09/14/2009	15
DESIGN ONLY – BLOCK & TRIANGLE FRET-BOARD INLAY	China	5700911	5700911	11/3/06	09/28/2009	15
DESIGN ONLY – DOVE BRIDGE	China	5838197	5838197	1/10/07	10/28/2009	15
DESIGN ONLY – DOVE PICK GUARD	China	5838528	5838528	1/10/07	10/28/2009	15
DESIGN ONLY – F STYLE MANDOLIN PEG HEAD	China	6057383	6057383	5/18/07	01/07/2010	15
DESIGN ONLY – FLOWER POT PEG HEAD INLAY	China	6089891	6089891	6/4/07	12/28/2009	15
DESIGN ONLY – HUMMINGBIRD PICK GUARD	China	5838529	5838529	1/10/07	10/28/2009	15
DESIGN ONLY – J-200 PICK GUARD	China	5838537	5838537	1/10/07	10/28/2009	15
DESIGN ONLY – KRAMER PEG HEAD	China	6057384	6057384	5/18/07	01/07/2010	15
DESIGN ONLY – PARALLELOGRAM FRET-BOARD INLAY	China	5700913	5700913	11/3/06	09/28/2009	15
DESIGN ONLY – PINEAPPLE PEG HEAD INLAY	China	6089791	6089791	6/4/07	12/28/2009	15
DESIGN ONLY – TRAPEZOID FRET-BOARD INLAY	China	5700912	5700912	11/3/06	09/28/2009	15
DESIGN ONLY MOUSTACHE BRIDGE DESIGN	China	6089892	6089892	6/4/07	12/28/2009	15
DESIGN ONLY STYLIZED "E"	China	5927184	5927184	2/1/07	12/28/2009	15
DOVE-WING PEG HEAD DESIGN 	China	15715798	15715798	11/17/2014	1/14/2016	9,14,16,20,21, 25,28
ES GUITAR BODY DESIGN 	China	15715804	15715804	11/17/2014	1/14/2016	9,14,16,20,21, 25,28

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
EXPLORER GUITAR BODY DESIGN 	China	15715799	15715799	11/17/2014	1/14/2016	9,14,16,20,21, 25,28
THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN 	China	15715802	15715802	11/17/2014	1/14/2016	9,14,16,20,21, 25,28
LES PAUL GUITAR BODY DESIGN 	China	15715801	15715801	11/17/2014	1/14/2016	9,14,16,20,21, 25,28
SG GUITAR BODY DESIGN 	China	15715800	15715800	11/17/2014	1/14/20126	9,14,16,20,21, 25,28
DOBRO	China	3415524	3415524	12/24/02	4/21/08	15
DOT	China	5927185	5927185	2/1/07	11/28/1009	15
ECHOPLEX	China	14579821	14579821	6/3/2014	7/7/2015	9
ELECTAR	China	3415525	3415525	12/24/02	4/14/04	09
EPIPHONE	China	15715811	15715811	11/17/2014	7/14/2016	9
EPIPHONE	China	94032664	807,961	4/18/94	1/14/96	15
EPIPHONE (stylized)	China	12006172	12006172	1/07/2013	10/14/2015	9
EPIPHONE (stylized)	China	12006172A	12006172A	5/28/2015	12/12/2016	9
EPIPHONE (stylized)	China	12006173	12006173	1/07/2013	6/28/2014	15
EPIPHONE EMPEROR	China	9657495	9657495	6/30/2011	8/7/2012	15
EPIPHONE EMPEROR SWINGSTER	China	10860666	10860666	5/3/2012	8/7/2013	15

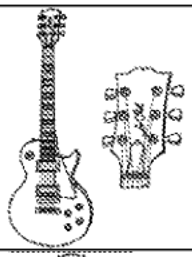
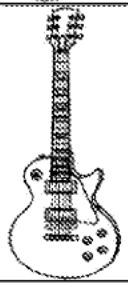
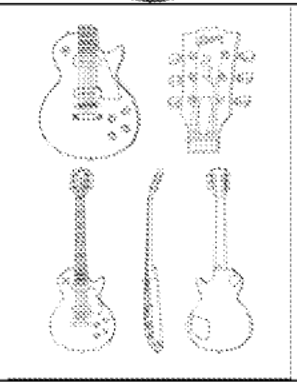
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
EPIPHONE CASINO	China	13525252	13525252	11/12/2013	4/14/2015	15
EPIPHONE PRO-1	China	13908470	13908470	1/14/2014	4/21/2015	15
EPIPHONE SCRATCHLESS PICKGUARD	China	14513524	14513524	5/6/2014	6/21/2015	15
ES BODY SHAPE	China	1,511,553	1,511,553	08/23/99	4/22/2002	15
EXP	China	3318085	3318085	9/24/02	04/07/2004	15
EXPLORER (word mark)	China	12006174	12006174	1/07/2013	6/28/2014	15
EXPLORER BODY SHAPE	China	1,511,554	1,511,554	08/23/99	04/22/2002	15
EZ-PROFILE	China	14513526	14513526	5/6/2014	6/21/2015	15
EZ-STRING	China	14513525	14513525	5/6/2014	6/21/2015	15
FERN Peg Head Design 	China	13993507	13993507	1/28/2014	4/14/2105	15
FIREBIRD X	China	8666708	8666708	9/14/2010	9/28/2011	15
FLYING V	China	17939851	17939851	9/21/2015	11/7/2016	15
FLYING V BODY SHAPE	China	1,511,551	1,511,551	08/23/99	04/22/2002	15
FLYING V POLARIS	China	9657500	9657500	6/30/2011	8/7/2012	15
G FORCE	China	14617176	14617176	6/19/2014	7/28/2015	15
GIBSON SG	China	17925871	17925871	9/18/2015	11/7/2016	9, 15
G-NODE	China	8786303	8786303	10/28/2010	11/14/2011	9
	China	15264292	15264292	9/1/2014	10/14/2015	9, 15
GEAR SHIFT KNOB	China	8725580	8725580	10/11/2010	10/21/2011	9
GEAR SHIFT KNOB	China	8725579	8725579	10/11/2010	10/21/2011	15
GIBSON	China	15715805	15715805A	11/17/2014	10/21/2016	9,14,16,20,21, 25,28
GIBSON	China	15791669	15791669A	11/26/2014	2/21/2016	9, 35
GIBSON	China	94032662	807558	4/18/94	1/14/96	15
GIBSON	China	94099183	857933	9/29/94	7/21/96	42
GIBSON	China	5479921	5479921	6/14/2006	5/21/2011	9
	China	15791670	15791670	11/26/2014	2/21/2016	9, 35
GIBSON BRANDS	China	12652980	12652980	5/27/2013	9/21/2015	9
GIBSON BRANDS	China	12652979	12652979	5/27/2013	12/28/2014	15
GIBSON BRANDS	China	15791668	15791668A	11/26/2014	2/21/2016	9, 35
GIBSON BRANDS (in Chinese characters)	China	13162590	13162590	8/30/2013	12/21/2014	9

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
GIBSON EXPLORER	China	15715809	15715809	11/17/2014	1/14/2016	9
GIBSON GUITAR (in Chinese)	China	10133547	10133547	11/1/2011	12/28/2012	9
GIBSON GUITAR (in Chinese)	China	10133548	10133548	11/1/2011	12/28/2012	15
GIBSON GUITARS	China	12653097	12653097	5/27/2013	12/21/2014	9
GIBSON GUITARS	China	12653096	12653096	5/27/2013	12/21/2014	15
GIBSON (in Chinese characters)	China	13162592	13162592	8/30/2013	12/21/2014	9
GIBSON (in Chinese characters)	China	13162591	13162591	8/30/2013	4/14/2015	15
GIBSON BRANDS (in Chinese characters)	China	13162589	13162589	8/30/2013	4/14/2015	15
GIBSON (stylized)	China	12006031	12006031	1/22/2013	6/28/2014	15
GIBSON (stylized)	China	12006032	12006032	1/22/2013	12/14/2015	9
GIBSON COLLECTOR'S CHOICE	China	8265425	8265425	5/4/2010	8/7/2011	15
GIBSON SIGNATURE SERIES	China	7793099	7793099	10/29/2009	8/14/2011	15
GIBSON SOLID FORMED	China	15540694	15540694	10/21/2014	12/28/2015	15
GIBSON QUICK CONNECT	China	10644482	10644482	3/27/2012	6/28/2013	9
GIBSON WIDGET	China	13734986	13734986	12/16/2013	3/14/2015	9
GIG-PAD	China	8786304	8786304	10/28/2010	11/14/2011	9
GOTHIC MORTE	China	8968010	8968010	12/31/2010	12/28/2011	15
HONEYCOMB	China	13734991	13734991	12/16/2013	10/14/2015	9
KRAMER	China	970005084	1154213	1/16/97	2/28/98	15
KRK	China	8102210	8102210	03/02/2010	08/14/2011	9
KRK (stylized)	China	8102209	8102209	03/02/2010	08/14/2011	9
LES PAUL	China	15715808	15715808	11/17/2014	1/14/2016	9
LES PAUL	China	15802424	15802424	11/27/2014	2/14/2016	9
LES PAUL	China	94032663	807554	4/18/94	1/14/96	15
LES PAUL ARTISAN	China	9657496	9657496	6/30/2011	8/7/2012	15
LES PAUL STEAMPUNK	China	9036241	9036241	1/10/2011	1/21/2012	15
LES PAUL ULTIMA	China	13506103	13506103	11/08/2013	3/14/2015	15
MAESTRO	China	3415523	3415523	12/24/02	2/7/08	15
MAESTRO	China	5527365	5527365	8/7/2006	8/28/2009	9
MELODY MAKER	China	9657471	9657471	6/30/2011	8/7/2012	15
MINDREADER	China	13483328	13483328	11/5/2013	4/21/2015	9
MIN-ETUNE	China	11656745	11656745	10/26/2012	3/28/2014	15
MIX RECALL	China	15135657	15135657	8/12/2014	9/28/2015	9
MORPHED	China	8968009	8968009	12/31/2010	12/28/2011	15
NEAT	China	13723578	13723578A	12/13/2013	5/28/2015	9
NIGHTNAV	China	17085524	17085524	6/1/2015	7/28/2016	8
ONLY A GIBSON IS GOOD ENOUGH (stylized)	China	12299834	12299834	3/21/2013	8/28/2014	15
PERFECT CLARITY	China	13341323	13341323	10/11/2013	8/21/2015	9
PERFECT-MINDREADER	China	13483329	13483329	11/5/2013	4/21/2015	9
PIKO NET	China	8725578	8725578	10/11/2010	10/21/2011	9

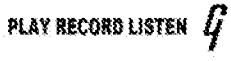
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
PIKO NET	China	8725577	8725577	10/11/2010	10/21/2011	15
PLAY. RECORD. LISTEN	China	15264293	15264293	9/1/2014	10/14/2015	9,15,25
PRO-EASE	China	14513527	14513527	5/6/2014	6/21/2015	4
PROPHECY	China	9657472	9657472	6/30/2011	8/7/2012	15
PURE ANALOG	China	8725576	8725576	10/11/2010	10/21/2011	9
PURE ANALOG	China	8725595	8725595	10/11/2010	10/21/2011	15
PUREVOICE	China	11968937	11968937	12/27/2012	6/14/2014	15
PUSH STRUM PERFECT	China	15402744	15402744	9/24/2014	11/7/2015	9
ROBOT TUNERS	China	11607331	11607331	10/16/2012	3/21/2014	15
ROKIT	China	13012279	13012279	8/1/2013	12/14/2014	9
ROKIT POWERED and Design	China	13179225	13179225	8/8/2013	2/7/2015	9
SAVANT	China	4948972	4948972	10/17/05	3/14/09	15
SG BODY SHAPE	China	1,511,552	1,511,552	08/23/99	04/22/2002	15
SLINGERLAND	China	3415526	3415526	12/24/02	09/28/2004	15
SNAKEPIT	China	15243812	15243812	8/28/2014	10/14/2015	9, 15
SPIRIT	China	4948955	4948955	10/17/05	3/28/09	9
STEINBERGER	China	2012688	2012688	8/02/2001	9/28/02	15
STRIKER	China	9722934	9722934	7/15/2011	8/28/2012	15
SUPREME GRIP	China	14429711	14429711	4/22/2014	6/14/2015	15
TOBIAS	China	3415580	3415580	12/24/02	09/28/2004	15
TOBY STANDARD	China	15918753	15918753	12/12/2014	2/28/2016	15
	China	12006030	12006030	1/7/2013	9/7/2015	15
	China	13965137	13965137	1/23/2014	11/14/2015	9
TRAINER	China	17248341	17248341A	6/19/2015	9/14/2016	9
UBERCASE	China	11155214	11155214	7/3/2012	3/21/2014	15
VALLEY ARTS	China	3318083	3318083	9/24/02	04/07/2004	15
VIBROLA	China	9657473	9657473	6/30/2011	8/7/2012	15
VOCALSYNC	China	15135658	15135658	8/12/2014	9/28/2015	9
WILSHIRE	China	9657499	9657499	6/30/2011	8/7/2012	15
WURLITZER	China	3368355	3368355	11/13/02	02/21/2006	15
WURLITZER	China	743,045	743,045	03/23/05	04/28/05	15
GIBSON	Colombia	06066481	328337	7/14/78	8/9/83	9
GIBSON	Colombia	2001041800	253192	Unknown	7/22/2002	15
KRK	Colombia	15063904	35971	3/19/2015	7/14/2015	9
AEROFLEX	CTM	013957634	013957634	4/16/2015	9/16/2015	9

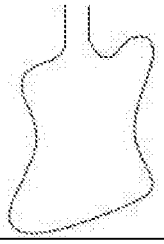
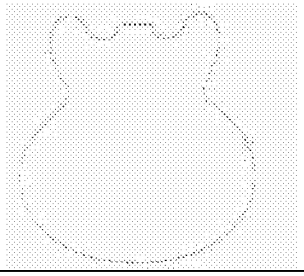
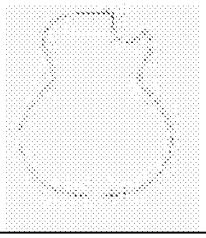
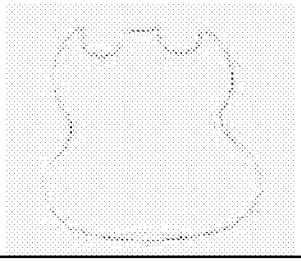
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AREA G SILICON VALLEY (& design)	CTM	012516101	012516101	1/20/2014	6/13/2014	9,15,25
BALDWIN	CTM	010168318	010168318	8/2/2011	12/15/2011	9, 15, 25
BEECASTER	CTM	012429486	012429486	12/13/2013		9,15,25
BEEKEEPER	CTM	012429536	012429536	12/13/2013	5/13/2014	9,15,25
BEEHIVE	CTM	012429601	012429601	12/13/2013	5/30/2014	9,15
BEESTRO	CTM	012429593	012429593	12/17/2013	7/2/2014	9,15,25
BELL SHAPED TRUSS ROD COVER	CTM	011411055	011411055	12/10/2012	6/13/2014	6,15,25
BLUE LIGHTENING	CTM	009470329	009470329	10/25/2010	3/6/2011	9,15,25
BUMBLEBEE	CTM	012429429	012429429	12/13/2013	7/2/2014	9,15,25
CAKEWALK	CTM	000548271	000548271	5/21/1997	9/2/1998	9
CAKEWALK VOCALSYNC	CTM	013660188	013660188	1/21/2015	5/12/2015	9,15,25
CERWIN-VEGA	CTM	010039303	010039303	6/10/2011	1/11/2012	9
CERWIN-VEGA	CTM	011410941	011410941	12/10/12	4/27/2013	9,15,25
CLOUD MOAT	CTM	015378441	015378441	4/27/2016		9, 38
CONCERTCASTER	CTM	012952743	012952743	6/9/2014	10/20/2014	9,15,25
CONCERTCASTER MASTER	CTM	012952958	012952958	6/9/2014	10/20/2014	9,15,25
DEUTSCHE WURLITZER	CTM	011077401	011077401	7/27/2012	3/13/2013	9,15,41
DISCIPLE	CTM	9306259	9306259	8/10/2010	12/28/2010	9, 15
DV DEMON	CTM	001472414	001472414	1/19/00	2/6/01	15
E (stylized)	CTM	011987451	011987451	7/16/2013	12/2/2013	9,15,25
ECHOPLEX	CTM	012928255	012928255	6/2/2014	10/13/2014	9,15,28
ELECTAR	CTM	012922472	012922472	6/2/2014	12/9/2014	9
eMOAT	CTM	015378474	015378474	4/27/2016	9/2/2016	9,38
EMPEROR	CTM	009952821	009952821	5/9/2011	9/21/2011	9,15,25
EMPORER SWINGSTER	CTM	010753011	010753011	3/23/2012	8/2/2012	9, 15, 25
EPIPHONE	CTM	010129427	010129427	7/18/2011	11/29/2011	9,15,25
EPIPHONE (stylized)	CTM	011987501	011987501	7/16/2013	12/2/2013	9,15,25
EPIPHONE CASINO	CTM	009952763	009952763	5/9/2011	9/21/2011	9,15,25
EPIPHONE PRO-1	CTM	012481974	012481974	1/7/2014	6/3/2014	9,15,25
EPIPHONE SCRATCHLESS PICKGUARD	CTM	012850939	012850939	5/6/2014	9/18/2014	9,15,28
ES (word mark)	CTM	011410933	011410933	12/10/12	4/23/2013	9,15,25
ES GUITAR BODY DESIGN with GIBSON HEAD STOCK	CTM	011067295	011067295	7/24/2012	3/12/2013	9,15,25
ES GUITAR BODY DESIGN with EPIPHONE HEAD STOCK	CTM	011067071	011067071	7/24/2012	3/12/2013	9,15,25
ETune	CTM	012429213	012429213	12/13/2013	7/30/2014	9,15,25
EXPLORER	CTM	008820409	008820409	1/19/2010	7/21/2010	9,15,25

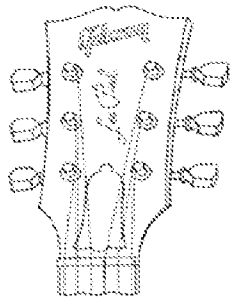
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
 EXPLORER Body Design (Full w/logo)	CTM	012850814	012850814	5/6/2014	9/18/2014	9,15,28
EZ-PROFILE	CTM	012850921	012850921	5/6/2014	10/29/2014	9,15,28
FIREBIRD X	CTM	9369877	9369877	9/13/2010	1/28/2011	15, 16, 25
FLYING V	CTM	011384815	011384815	11/29/2012	4/16/2013	9,15,25
FLYING V POLARIS	CTM	009952367	009952367	5/9/2011	9/21/2011	9,15,25
FLYING V PEG HEAD DESIGN	CTM	009527425	009527425	11/16/2010	3/8/2013	9,15,25
	CTM	013217765	013217765	9/1/2014	1/12/2015	9,15,25
G FORCE	CTM	013012596	013012596	6/19/2014	10/29/2014	15
G-NODE	CTM	009470361	009470361	10/25/2010	3/6/2011	9,15,25
GEAR SHIFT KNOB	CTM	9424193	9424193	10/5/2010	2/21/2011	9, 15, 25
GIBSON	CTM	005191242	005191242	11/13/45	9/27/07	15
GIBSON	CTM	011581865	011581865	2/18/2013	7/5/2013	16,25,28
	CTM	013461736	013461736	11/14/2014	3/31/2015	9,14,16,20,21, 25,28
GIBSON WAVEFLECTOR	CTM	014105101	014105101	5/22/2015	9/23/2015	9,15,25
GIBSON – STYLIZED WITH STAR	CTM	8514937	8514937	8/27/2009	2/18/2010	15, 16, 25
GIBSON BEELINE	CTM	012429577	012429577	12/13/2013	7/2/2014	9,15,25
GIBSON BRANDS	CTM	011851896	011851896	5/28/2013	10/22/2013	9,15,35
GIBSON BRANDS (stylized)	CTM	011886066	011886066	6/10/2013	10/21/2013	9,15,25,35,41
GIBSON CUSTOM COLLECTOR'S CHOICE	CTM	9076902	9076902	5/4/2010	9/27/2010	9, 15, 25
GIBSON EZ STRING	CTM	013431903	013431903	11/4/2014	3/23/2015	9, 15, 25
GIBSON GUITARS	CTM	011851987	011851987	5/28/2013	10/22/2013	9,15,35
GIBSON MELODY MAKER	CTM	009952111	009952111	5/9/2011	9/21/2011	9,15,25
GIBSON MEMORY CABLE	CTM	012914057	012914057	5/27/2014	12/12/2014	9,15,25
GIBSON MUSE	CTM	012429651	012429651	12/13/2013	5/17/2014	9,15,25
GIBSON PLAY RECORD LISTEN	CTM	013441142	013441142	11/7/2014	3/25/2015	9,15,25
GIBSON PURE ANALOG	CTM	009899899	009899899	4/15/2011	8/23/2011	9,15,25
GIBSON QUICK CONNECT	CTM	009953019	009953019	5/9/2011	9/21/2011	9,15,25
GIBSON SOLID FORMED	CTM	013385679	013385679	10/21/2014	3/13/2015	9, 15

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
GIBSON SUPER JUMBO	CTM	011003472	011003472	6/29/2012	11/5/2012	9,15,25
GIBSON TONE BALANCE	CTM	009887712	009887712	4/12/2011	9/15/2011	9,15,25
GIBSON WIDGET	CTM	012429635	012429635	12/13/2013	7/2/2014	9,15,25
GIG-PAD	CTM	009470451	009470451	10/25/2010	3/6/2011	9,15,25
GOLD TONE	CTM	009470261	009470261	10/25/2010	3/6/2011	9,15,25
GOOD MOAT	CTM	015378425	015378425	4/27/2016	9/2/2016	9,38
GOTHIC MORTE	CTM	009606121	009606121	12/17/2010	4/28/2011	9,15,25
HAMILTON	CTM	010942902	010942902	6/6/2012	11/1/2012	15,16,25
J-45	CTM	010077402	010077402	6/27/2011	12/15/2011	9, 15, 25
HOMECASTER	CTM	011798857	011798857	5/7/2013	9/18/2013	9, 15, 41
HONEYCOMB	CTM	012429569	012429569	12/13/2013	5/13/2014	9,15,25
HONEY COMB	CTM	012429551	012429551	12/13/2013	7/2/2014	9,15,25
JBOT	CTM	9119306	9119306	5/20/2010	10/5/2010	9, 15, 25
JUNIOR BOT	CTM	9119389	9119389	5/20/2010	10/5/2010	9, 15, 25
JUMBOPRO	CTM	012844379	012844379	5/5/2014	10/25/2014	9,15,28
KING BEE	CTM	012429511	012429511	12/13/2013	7/2/2014	9,15,25
KRK	CTM	9656232	9656232	01/13/2011	06/21/2011	9
KRK	CTM	011411006	011411006	12/10/12	4/23/2013	9,15,25
LAB SERIES	CTM	9258039	9258039	7/19/2010	1/12/2011	9, 15, 25
LES PAUL	CTM	009945015	009945015	5/5/2011	9/14/2011	9,15,25
	CTM	011926086	011926086	6/24/2013	1/8/2014	9,15,25
	CTM	011527512	011527512	1/29/2013	1/27/2014	9,25
	CTM	012092391	012092391	8/27/2013	1/27/2014	9,15,25

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
LES PAUL ARTISAN	CTM	009952169	009952169	5/9/2011	9/21/2011	9,15,25
LES PAUL STEAMPUNK	CTM	009646134	009646134	1/7/2011	5/19/2011	9,15,25
LES PAUL ULTIMA	CTM	009952251	009952251	5/9/2011	9/21/2011	9,15,25
LIFTON	CTM	015389596	015389596	5/2/2016	9/7/2016	9,15
MAESTRO	CTM	007524572	007524572	12/30/2008	10/14/2011	9, 15, 25
MATH	CTM	012429619	012429619	12/13/2013	7/31/2014	9,15,25
MINDREADER	CTM	012274197	012274197	11/1/2013	3/31/2014	9,15,25
Min-ETune	CTM	011296911	011296911	10/26/2012	3/7/2013	9, 15, 25
MISCELLANEOUS DESIGN - FLYING V PEG HEAD WITH "EPIPHONE"	CTM	010942662	010942662	6/6/2012	10/17/2012	9,15,25
MISCELLANEOUS DESIGN – ES GUITAR BODY	CTM	010097962	010097962	7/5/2011	9/5/2012	9, 25
MISCELLANEOUS DESIGN – EXPLORER GUITAR BODY	CTM	8843311	8843311	1/28/2010	622/2010	9, 15, 25
MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	CTM	9179953	9179953	6/16/2010	11/26/2010	9, 15, 25
MISCELLANEOUS DESIGN – KRAMER PEG HEAD (with logo)	CTM	010942481	010942481	6/6/2012	10/17/2012	9,15,25
MISCELLANEOUS DESIGN – LES PAUL PEG HEAD w/"Gibson"	CTM	010942373	010942373	6/6/2012	10/17/2012	9,15,25
LES PAUL GUITAR BODYDESIGN (2D – base only)	CTM	009527144	009527144	11/16/2010	9/16/2013	16, 25
MISCELLANEOUS DESIGN – SG FULL GUITAR BODY (w/strings)	CTM	010488237	010488237	12/13/2011	5/11/2012	9,15,25
MISCELLANEOUS DESIGN - FLYING V PEG HEAD DESIGN w/oval GIBSON TRC	CTM	010942721	010942721	6/6/2012	10/17/2012	9,15,25
MISCELANEOUS DESIGN - FLYING V PEG HEAD DESIGN w/BELL-SHAPED GIBSON TRC	CTM	010942605	010942605	6/6/2012	10/17/2012	9,15,25
MISCELLANEOUS DESIGN - SG GUITAR BODY DESIGN	CTM	009527086	009527086	11/16/2010	9/15/2013	16, 25
MISCELLANEOUS DESIGN – KRAMER PEG HEAD	CTM	009527318	009527318	11/16/2010	2/4/2013	16,25
MIX RECALL	CTM	013165048	013165048	8/11/2014	12/23/2014	9,15,25
MORPHED	CTM	9606161	9606161	12/17/2010	5/23/2011	9, 15, 25
NEAT WIDGET	CTM	012429643	012429643	12/13/2013	7/30/2014	9, 15, 25
NIGHTNAV	CTM	014186084	014186084	6/1/2015	9/18/2015	9
OBERHEIM LOGO	CTM	000441519	441519	12/11/96	9/2/98	15
ONE MORE TIME	CTM	8953416	8953416	3/15/2010	12/8/2010	9
ONLY AIR GUITAR IS EASIER TO PLAY	CTM	012845401	012845401	5/5/2014	9/19/2014	9, 28
ONLY A GIBSON IS GOOD ENOUGH (and Design)	CTM	011714888	011714888	3/21/2013	8/13/2013	15
PERFECT-MINDREADER	CTM	012274205	012274205	11/1/2013	3/31/2014	9,15,25
PERFECT CLARITY	CTM	012213047	012213047	10/10/2013	3/31/2014	9,15,25

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
PERFECT MOAT	CTM	015378466	015378466	4/27/2016	9/2/2016	9, 38
PIKO NET	CTM	009424003	009424003	10/5/2010	2/21/2011	9,15,25
PLAY RECORD LISTEN	CTM	013217633	013217633	9/1/2014	2/20/2015	25
	CTM	013490495	013490495	11/24/2014	3/20/2015	9,15,25
PRODUCTS FOR A HAPPY LIFE	CTM	014105449	014105449	5/22/2015	10/6/2015	9,15,35
PRO-EASE	CTM	012844627	012844627	5/5/2014	9/19/2014	4,15,28
PROPHECY	CTM	009952417	009952417	5/9/2011	9/21/2011	9,15,25
PROJECT5	CTM	003291945	003291945	7/29/2003	2/8/2005	9
PURE ANALOG	CTM	009424078	009424078	10/5/2010	7/29/2011	9,15,25
PUREVOICE	CTM	011458312	011458312	12/28/2012	12/28/2012	15,25,41
PUSH STRUM PERFECT	CTM	013294004	013294004	9/24/2014	2/10/2015	9,15,25
ROAD WORN	CTM	8527434	8527434	9/3/2009	1/1/2010	9, 15, 25
ROBOT TUNERS	CTM	011266517	011266517	10/15/2012	3/4/2013	9,15,25
	CTM	012055604	012055604	8/9/2013	1/7/2014	9
SG	CTM	9698581	9698581	1/31/2011	6/9/2011	9, 15, 25
SJ	CTM	010078012	010078012	6/27/2011	11/7/2011	9, 15, 25
SNAKEPIT	CTM	009173956	009173956	6/14/2010	11/29/2010	9,15
SONAR	CTM	009225641	009225641	7/6/2010	9/18/2011	9
STANTON	CTM	010218303	010218303	8/5/2011	1/7/2012	9
SUPREME GRIP	CTM	012691911	012691911	3/13/2014	8/4/2014	9, 15, 25
THUNDERBIRD/FIREBIRD Body Design	CTM	009667866	009667866	1/18/2011	2/7/2012	9, 15, 25
THUNDER TOWER	CTM	015371677	015371677	4/26/2016	8/31/2016	9, 15
TOBY	CTM	011615581	011615581	2/28/2013	7/23/2013	9,15,25
TONE BALANCE	CTM	009471426	009471426	10/25/2010	12/15/2011	9, 15, 25
	CTM	014278022	014278022	6/19/2015	10/8/2015	9,15,24
	CTM	012529327	012529327	1/23/2014	6/16/2016	9,15,25
TT-1X	CTM	015378417	015378417	4/27/2016	9/5/2016	9, 15
TUNE-O-MATIC	CTM	015345713	015345713	4/15/2016	8/11/2016	9, 15
UBERCASE	CTM	011010873	011010873	7/3/2012	3/26/2013	9,15,25
VAMPIRE BLOOD MOON	CTM	9606071	9606071	12/17/2010	4/28/2011	9, 15, 25
VOCALSYNC	CTM	013166632	013166632	8/12/2014	6/10/2015	9,25
VIBROLA	CTM	009952541	009952541	5/9/2011	9/21/2011	9,15,25
WILSHIRE	CTM	009952078	009952078	5/9/2011	9/21/2011	9,15,25
WORKER BEE	CTM	012429502	012429502	12/13/2013	5/13/2014	9,15,25

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
WURLITZER	CTM	011077229	011077229	7/27/2012	3/13/2013	9,15,41
YOU PLAY WE TUNE	CTM	011422383	011422383	12/13/12	4/24/2013	9,15,41
THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN 	CTM	013461694	013461694	11/14/2014	3/25/2015	9,14,16,20,21, 25,28
ES GUITAR BODY DESIGN 	CTM	013461728	013461728	11/14/2014	3/25/2015	9,14,16,20,21, 25,28
EXPLORER GUITAR BODY DESIGN 	CTM	013461751	013461751	11/14/2014	3/25/2015	9,14,16,20,21, 25,28
LES PAUL GUITAR BODY DESIGN 	CTM	013461785	013461785	11/14/2014	3/25/2015	9,14,16,20,21, 25,28
SG GUITAR BODY DESIGN 	CTM	013461686	013461686	11/14/2014	3/31/2015	9,14,16,20,21, 25,28

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
DOVE-WING PEG HEAD DESIGN 	CTM	013466016	013466016	11/17/2014	3/31/2015	9,14,16,20,21, 25,28
CERWIN-VEGA	Denmark	VR198000132	VR198000132	05/10/1979	01/04/1980	9
CV LOGO	Denmark	VA197901352	VR197903669	04/03/1979	12/7/1979	9
DESIGN BELL	Denmark	1227/1976	1227/1976	10/1/75	3/26/76	15
DESIGN PEGHEAD (DOVE WING)	Denmark	4106/1975	1229/1976	10/1/75	3/26/76	15
DESIGN SPLIT DIAMOND	Denmark	4107/1975	1232/1976	10/1/75	3/26/76	15
EPIPHONE	Denmark	VA 2012 02591	VR 2013 01031	10/15/2012	5/14/2013	9, 15
EPIPHONE (stylized)	Denmark	VA 2012 02590	VR 2013 01032	10/15/2012	5/14/2013	9, 15
GIBSON	Denmark	259-1968	3029/68	1/22/68	11/8/68	42
KRAMER	Denmark	00354/1997	04073/1997	1/23/97	10/3/97	15
LES PAUL	Denmark	1889/1974	2425/1975	4/24/74	6/6/75	15
VALLEY ARTS	Denmark	VA 2002 03406	VR 2002 03152	8/28/02	11/9/12	15
WURLITZER	Denmark	01255/1977	01255/1977	3/24/1977	9/2/1977	9
GIBSON	Dominican R	26,133	26,133	11/19/76	3/14/77	15
GIBSON	Ecuador	175852	4197	9/25/06	8/24/2007	15
GIBSON	Ecuador	175853	4198	9/25/06	8/24/2007	9
EPIPHONE	Finland	199700093	207765	1/10/97	9/30/97	9,15
GIBSON	Finland	2425/74	71,061	5/23/74	12/5/79	67
KRAMER	Finland	T199700695	208462	2/18/97	11/28/97	15
LES PAUL	Finland	2453/74	69,987	5/23/74	8/6/79	15
VALLEY ARTS	Finland	T200202747	227,696	10/2/02	6/30/03	15
WURLITZER	Finland	T196102197	39616	7/24/61	11/24/1962	9, 15
STANTON	France	5033903664733	1510969	1/26/1989	7/13/1989	9
CERWIN-VEGA	France	818999	1374967	10/18/1976	10/15/1986	9
CV Logo	France	------	1374968	10/18/1976	10/15/1986	9
DESIGN BELL	France	201,127	1,365,263	10/23/75	10/23/75	15
DESIGN PEGHEAD (DOVE WING)	France	201,130	1,365,264	10/23/75	10/23/75	15
DESIGN PINEAPPLE	France	201,129	1,364,502	10/23/75	10/23/75	15
DESIGN SPLIT DIAMOND	France	201,128	1,365,261	10/23/75	10/23/75	15
DESIGN URN & FLOWERS	France	201,131	1,365,262	10/23/75	10/23/75	15

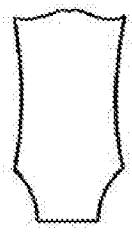
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
DOBRO	France	95/601835	95/601835	12/19/95	5/31/96	15
EPIPHONE	France	701,556	1,271,371	4/29/84	5/4/84	15
GIBSON	France	94/514,045	94/514,045	4/5/94	9/16/94	9, 15
GIBSON	France	893.977	1,509,755	12/14/87	12/14/87	9, 15
KRAMER	France	97/660.578	97/660.578	1/24/97	1/24/97	15
LES PAUL	France	94/545,974	94/545,974	11/23/94	4/28/95	15
LES PAUL	France	246546	1624250	10/30/90	10/30/90	15
SG	France	1,271,372	1,271,372	4/29/94	4/29/94	15
SLINGERLAND	France	96/607909	96/607909	1/29/96	7/26/96	15
SLINGERLAND	France	93/457161	93/457161	2/26/93	2/26/93	15
VALLEY ARTS	France	02/3181688	02/318688	9/3/02	2/7/2003	15
DESIGN GUITAR BODY (LES PAUL)	France	94/520,968	94/520,968	5/9/94	3/23/2004	9, 15
WURLITZER	France	761963	1325914	10/7/85	9/15/06	9, 28, 41, 42, 43
WURLITZER	France	1558400	1558400	11/3/89	11/3/2009	9, 15
SG	French Polynesia	1,271,372	1,271,372	4/29/94	4/29/94	15
EPIPHONE	French Polynesia	701,556	1,271,371	4/29/84	5/4/84	15
DESIGN GUITAR BODY (LES PAUL)	French Polynesia	94/520,968	94/520,968	5/9/94	3/23/2004	9, 15
GIBSON	French Polynesia	94/514,045	94/514,045	4/5/94	9/16/94	9, 15
STANTON	Germany	ST11673	997509	11/27/1978	02/07/1980	9
CERWIN-VEGA	Germany	C25909	979445	10/19/1976	12/06/1978	9
CV Logo	Germany	C25910	965497	10/19/1976	01/14/1978	9
DESIGN BELL	Germany	960,290	960,290	10/2/75	7/13/77	15
DESIGN PEGHEAD (DOVE WING)	Germany	14676/15	960,291	10/2/75	7/13/77	15
DESIGN PINEAPPLE	Germany	N14 677/15 Wz	952,766	10/2/75	12/20/76	15
DESIGN SPLIT DIAMOND	Germany	N14 679 Wz	952,768	10/2/75	12/20/76	15
DESIGN URN & FLOWERS	Germany	N14 678/15 Wz	952,767	10/2/75	12/20/76	15
DEUTSCHE WURLITZER	Germany	D14466	779683	7/27/1962	10/12/63	9,15
DEUTSCHE WURLITZER	Germany	302012042154	302012042154	7/31/2012	11/6/2012	7,9
DOBRO	Germany	39551255.7	39551255	12/15/95	4/2/96	15
E STYLIZED	Germany	395 25 554.6	395 25 554.6	6/22/95	9/13/95	15
EPIPHONE	Germany	N14 065/15 Wz	936,696	4/29/74	10/17/75	15
GIBSON (RESTAURANT & BAR SERVICES)	Germany	G44 446/42 Wz	2,086,972	4/5/94	12/12/94	9 - 15
GIBSON (SCRIPT)	Germany	G17 388/25 W	859,222	1/22/68	7/14/69	42
KRAMER	Germany	397 03 237	397 03 237	1/27/97	3/19/97	15
LABSERIES	Germany	G44 708/9 Wz.	2096499	5/27/94	5/16/95	9
LES PAUL	Germany	394 01 947.4	394 01 947	11/17/94	3/14/95	15
LES PAUL	Germany	G20 158/25	899,938	10/22/70	11/29/72	15

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OBERHEIM	Germany	G43 574/15 Wz	2,080,367	10/22/93	10/12/94	9, 15
STEINBERGER	Germany	St13 604/15 Wz	1,082,208	8/30/83	9/24/85	15
VALLEY ARTS	Germany	302 42 843.7	302 42 843	8/27/02	1/28/03	15
WURLITZER	Germany	W29018	992746	11/10/78	11/5/1979	9, 15
DESIGN PEGHEAD (DOVE WING)	Germany (3d)	39551612	39551612	12/18/95	4/15/1996	15
CERWIN-VEGA	Greece	73888	73888	01/26/1993	01/26/1993	9
CV Logo	Greece	73886	73886	01/26/1993	01/26/1993	9
EPIPHONE	Greece	131.851	131851	1/9/97	11/17/98	9, 15
GIBSON (stylized)	Greece	52707	52707	5/9/1974	3/17/1976	15
KRAMER	Greece	132.012	132.012	1/29/97	1/17/01	15
LES PAUL	Greece	52,708	52,708	5/9/74	3/17/76	9-15
VALLEY ARTS	Greece	148.107	148.107	8/28/02	1/19/04	15
DESIGN SPLIT DIAMOND	Hong Kong	144/77	144/77	10/4/75	1/27/77	15
GIBSON	Hong Kong	300678817	300678817	7/13/06	7/13/06	9
GIBSON	Hong Kong	B533,1977	B533,1977	3/30/76	4/18/77	15
MAESTRO	Hong Kong	303452166	303452166	6/24/2015	2/25/2016	15
STANTON	Hong Kong	17291976	19790996	11/30/1976	08/29/1979	9
CV Logo	Hong Kong	1981B2234	1981B2234	03/04/1979	12/11/1981	9
ARTISAN	India	2160372	2160372	6/15/2011	6/15/2011	15
BALDWIN	India	2458319	2458319	1/10/2013	4/4/2014	15
BEECASTER	India	2643265	2643265	12/16/2013	9/31/2016	9
BEEHIVE	India	2643272	2643272	12/16/2013	8/11/2016	9
BEEKEEPER	India	2643268	2643268	12/16/2013	8/31/2016	9
BEELINE	India	2643270	2643270	12/16/2013	8/31/2016	9
BEESTRO	India	2643271	2643271	12/16/2013	9/31/2016	9
BELL SHAPED TRUSS ROD COVER	India	697870	697870	?/2005	?/2005	15
BUMBLEBEE	India	2643263	2643263	12/16/2013	8/5/2016	9
CAKEWALK	India	1993481	1027971	7/14/2010	12/23/2011	9
CASINO	India	2160374	2160374	6/15/2011	9/25/2016	15
CONCERTCASTER	India	2752324	2752324	6/9/2014	8/27/2016	9
CONCERTCASTER MASTER	India	2752325	2752325	6/9/2014	10/3/2016	9
DESIGN PEGHEAD (DOVE WING)	India	687,871	687,871	11/22/95	11/22/95	15
ECHOPLEX	India	2748876	2748876	6/3/2014	8/26/2016	9
EMPEROR	India	2160373	2160373	6/15/2011	6/15/2011	15
EPIPHONE	India	687873	687873	11/22/95	11/22/95	15
EPIPHONE	India	2179297	2179297	7/22/2011	7/22/2011	9,15
	India	2458316	2458316	1/10/2013	9/15/2014	9,15
EPIPHONE PRO-1	India	2656423	2656423	1/8/2014	12/28/2015	15

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EPIPHONE SCRATCHELESS PICKGUARD	India	2731443	2731443	5/5/2014	7/5/2016	15
ETUNE	India	2643264	2643264	12/16/2013	8/31/2016	15
EXPLORER Guitar Body Design	India	2057549	2057549	11/23/2010	6/7/2012	15
EZ-PROFILE	India	2731441	2731441	5/5/2014	8/23/2016	15
G FORCE	India	2758984	2758984	6/19/2014	8/27/2016	15
G-NODE	India	2045763	2045764	10/8/2010	5/31/2012	15
GEAR SHIFT KNOB	India	2035189	2045763	10/8/2010	6/4/2012	15
GIBSON	India	1481452	1481452	8/24/2006	8/24/2006	9
GIBSON	India	687872	687872	11/25/95	11/25/95	15
GIBSON (stylized)	India	2458322	2458322	1/10/2013	7/30/2014	15
GIBSON BRANDS	India	2540486	2540486	5/30/2015	2/26/2015	9, 15
GIBSON GUITARS	India	2540487	2540487	5/30/2013	2/11/2016	9, 15
GIBSON MUSE	India	2643276	2643276	12/16/2013	8/31/2016	9
GIBSON WIDGET	India	2643274	2643274	12/16/2013	8/26/2016	9
GIG-PAD	India	2045764	2045764	10/28/2010	5/8/2012	15
GOTHIC MORTE	India	2084239	2084239	1/12/2011	8/30/2012	15
HAMILTON	India	2342856	2342856	6/5/2012	12/10/2016	15
HOMECASTER	India	2527147	2527147	5/8/2013	12/20/2016	9
JUMBOPRO	India	2731431	2731431	5/5/2014	8/23/2016	15
KING BEE	India	2643267	2643267	12/16/2013	8/26/2016	9
KRAMER	India	753327	753327	1/27/97	1/27/97	15
KRK	India	2458321	2458321	1/10/2013	7/3/2014	9
LES PAUL (SIGNATURE)	India	732,672	732,672	9/10/96	9/10/96	15
LES PAUL STEAMPUNK	India	2084241	2084241	1/12/2011	7/28/2016	15
MAESTRO	India	2256371	2256371	12/26/2011	10/25/2016	9, 15
MINDREADER	India	2624305	2624305	11/8/2013	1/3/2017	9
MISCELLANEOUS DESIGN – ES GUITAR BODY	India	2458324	2458324	1/10/2016	12/15/2016	15
MISCELLANEOUS DESIGN – EXPLORER PEG HEAD	India	2057553	2057553	11/23/2010	8/31/2016	15
MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	India	2057550	2057550	11/23/2010	8/31/2016	15
MISCELLANEOUS DESIGN – FLYING V PEG HEAG	India	2057554	2057554	11/23/2010	8/31/2016	15
MISCELLANEOUS DESIGN – LES PAUL GUITAR BODY	India	2057552	2057552	11/23/2010	8/31/2016	15
MORPHED	India	2084240	2084240	1/12/2011	8/30/2012	15
NEAT WIDGET	India	2643275	2643275	12/16/2013	8/31/2016	9
NIGHTNAV	India	2977620	2977620	6/1/2015	8/31/2016	9

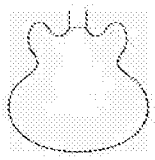
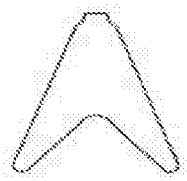
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
ONLY AIR GUITAR IS EASIER TO PLAY	India	2731444	2731444	5/5/2014	8/23/2016	15
PERFECT MINDREADER	India	2624304	2624304	11/8/2013	1/3/2017	9
PIKO NET	India	2035188	2035188	10/8/2010	9/29/2016	9, 15
POLARIS	India	2160380	2160380	6/15/2011	7/22/2013	15
PROPHECY	India	2160378	2160378	6/15/2011	6/15/2011	15
QUICK CONNECT	India	2142660	2142660	5/11/2011	9/20/2016	9
SG	India	2084237	2084237	1/12/2011	9/6/2016	15
STANTON	India	2211819	2211819	9/27/2011	10/10/2016	9
STANTON (stylized)	India	2211820	2211820	9/27/2011		9
STRIKER	India	2781641	2781641	7/28/2014	8/31/2016	15
TOBY	India	2488094	2488094	3/1/2013	12/19/2016	15
	India	2666791	2666791	1/27/2014	8/9/2016	9
TRAINER	India	2990502	2990502	6/19/2015	1/12/2017	9
TONE BALANCE	India	2047778	2047778	11/1/2010	11/22/2016	15
UBERCASE	India	2357404	2357404	7/3/2012	5/2/2014	15
VALLEY ARTS	India	1133348	1133348	9/13/02	9/13/02	15
VAMPIRE BLOOD MOON	India	2084238	2084238	1/12/2011	8/30/2012	15
VIBROLA	India	2160377	2160377	6/15/2011	10/15/2013	15
WILSHIRE	India	2160381	2160381	6/15/2011	6/15/2011	15
WURLITZER	India	2458318	2458318	1/10/2013	3/25/2014	9, 15
YOU PLAY WE TUNE	India	2441788	2441788	12/13/2012	12/14/2016	9
DESIGN BELL	Indonesia	D95 5487	358080	4/4/95	4/18/96	15
DESIGN PEGHEAD (DOVE WING)	Indonesia	D95 5494	367733	4/4/95	9/16/96	15
EPIPHONE	Indonesia	D97 4020	406,679	3/10/97	11/25/97	15
GIBSON	Indonesia	156,441	156,441	4/1/81	5/8/81	
KRAMER	Indonesia	406,719	D97 4019	3/10/97	12/1/97	15
LES PAUL	Indonesia	D95 5493	356971	4/4/95	3/25/96	15
GIBSON	Indonesia	285,432	530,023	4/1/81	1/5/93	9, 11,15
VALLEY ARTS	Indonesia	D00 2002 25404	IDM000384032	11/1/02	12/11/03	15
EPIPHONE	Ireland	97/0340	203450	1/27/97	3/9/99	15
KRAMER	Ireland	97/0455	203911	2/5/97	4/7/99	15
VALLEY ARTS	Ireland	2002/01855	225152	9/16/02	4/11/03	15
BELL SHAPED TRUSS ROD COVER	Israel	257402	257402	7/14/2013	3/5/2015	15
CERWIN-VEGA	Israel	257401	257401	7/14/2013	5/4/2015	9
EPIPHONE	Israel	257390	257390	7/14/2013	3/5/2015	9,15
EXPLORER	Israel	257391	257391	7/14/2013	3/2/2016	15

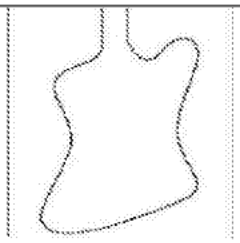
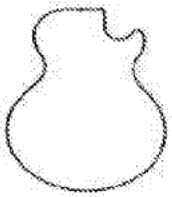
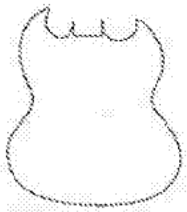
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
EXPLORER Guitar Body Design	Israel	257392	257392	7/14/2013	3/2/2016	15
FLYING V Guitar Body Design	Israel	257394	257394	7/14/2013	3/2/2016	15
LES PAUL Guitar Body Design	Israel	257389	257389	7/14/2013	3/2/2016	15
LES PAUL	Israel	257388	257388	7/14/2013	12/2/2015	15
SG Guitar Body Design	Israel	257398	257398	7/14/2013	3/2/2016	15
FLYING V	Israel	257393	257393	7/14/2013	3/5/2015	15
GIBSON	Israel	257387	257387	7/14/2013	7/2/2015	9,15
	Israel	271763	271763	1/28/2015	8/3/2015	9, 15
KRK	Israel	257400	257400	7/14/2013	5/4/2015	9
SG	Israel	257396	257396	7/14/2013	3/2/2016	15
STANTON	Israel	257399	257399	7/14/2013	3/2/2016	9
THUNDERBIRD/FIREBIRD Guitar Body Design	Israel	257829	257829	7/14/2013	3/2/2016	15
WURLITZER	Israel	49932	49932	3/24/1980	3/24/1980	15
WURLITZER	Israel	76229	76229	5/4/90	5/4/90	9
CERWIN-VEGA	Italy	33546C/79	1257568	1/31/1979	4/2/2009	9
STANTON	Italy	MI2009C002316	1283878	1/22/1979	05/21/2010	9
CV Logo	Italy	33534C/79	1257569	1/31/1979	3/12/2010	9
VALLEY ARTS	Italy	M12012C008864	1510337	9/18/2002	2/21/2006	15
DESIGN BELL	Italy	RM2005C004843	1145837	9/16/2005	10/16/2008	15
DESIGN GUITAR BODY (LES PAUL)	Italy	MI2014C005770	1606876	8/27/04	2/25/2008	15
DESIGN PEGHEAD (DOVE WING)	Italy	RM2005C004842	1145836	9/16/05	10/16/2008	15
DESIGN BELL (LES PAUL)	Italy	RM/2000/6108	902179	10/13/00	7/16/03	15
DESIGN PINEAPPLE	Italy	RM2005C004841	1145835	09/16/05	10/16/2008	15
DESIGN SPLIT DIAMOND	Italy	RM2005C004844	1145838	09/16/05	10/16/2008	15
DESIGN URN & FLOWERS	Italy	MI2005C004840	1145834	09/16/05	10/16/2008	15
DOBRO	Italy	RM2005C006635	1147472	12/14/05	10/17/08	15
EPIPHONE (stylized)	Italy	MI2014C001402	1579742	4/16/04	2/15/2008	15
GIBSON (Stylized)	Italy	RM/2008/1678	1299368	2/20/68	4/10/2000	9, 15
GIBSON	Italy	MI2014C001401	1579741	5/4/94	02/15/2008	42 (local)
KRAMER	Italy	RM2007C000903	1269961	2/12/2007	4/13/2010	15
LES PAUL	Italy	RM94C005263	690805	10/29/70	5/7/73	15

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WURLITZER	Italy	RM99C002270	1253211	5/10/1979	3/10/2010	9,
WURLITZER	Italy	RM99C002269	1253209	5/10/1979	3/10/2010	9, 15
AEROFLEX	Japan	201545497	5806349	5/14/2015	10/30/2015	9
AREA G SILICON VALLEY (& Design)	Japan	33422014	5673564	1/20/2014	5/30/2014	9
BEECASTER	Japan	985352013	5664972	12/16/2013	4/18/2014	9
BEEHIVE	Japan	985432013	5731474	12/16/2013	1/9/2015	9
BEEKEEPER	Japan	985382013	56687961	12/16/2013	5/9/2014	9
BEESTRO	Japan	985422013	5668468	12/16/2013	5/9/2014	9
BLUE LIGHTNING	Japan	83809/2010	5406619	10/27/2010	4/15/2011	9
BUMBLEBEE	Japan	985492013	5666267	12/16/2013	4/25/2014	9
BYRDLAND	Japan	S54-094988	1581852	12/14/79	4/27/83	15
CAKEWALK	Japan	H09-129541	4207232	6/18/1997	11/6/1998	9
CERWIN-VEGA	Japan	S53048627	1520228	06/30/1978	06/29/1982	9
CV LOGO	Japan	S53048628	1496540	06/30/1978	01/29/1982	9
CONCERTCASTER	Japan	201447371	5709813	6/10/2014	10/10/2014	9
CONCERTCASTER MASTER	Japan	201447372	5709814	6/10/2014	10/10/2014	9
DESIGN BELL	Japan	50-119,162	1,619,438	10/1/75	9/29/83	15
DESIGN PINEAPPLE	Japan	50-119163	2698550	10/1/75	10/31/94	15
DESIGN SPLIT DIAMOND	Japan	119164/1975	1,680,756	10/1/75	4/20/84	15
DESIGN URN & FLOWERS	Japan	133565/1975	1,680,757	11/13/75	4/20/84	15
DOBRO	Japan	08/002546	4092056	1/17/96	12/12/97	15
 DOVE-WING PEGHEAD DESIGN	Japan	201498234	5752054	11/20/2014	3/20/2015	9,14,16,20,21 ,25,28
DV DEMON	Japan	2000-001962	486548	1/17/00	5/20/05	15
EPIPHONE PRO-1	Japan	7332014	5706906	1/8/2014	10/3/2014	15
E STYLIZED	Japan	61103568	2140062	10/1/86	5/30/89	15
ECHOPLEX	Japan	201445058	5711558	6/3/2014	10/17/2014	9
ELECTAR	Japan	201443959	5708892	5/30/2014	10/10/2014	9
EPIPHONE	Japan	129 665/70	1,040,508	12/14/70	11/1/73	15
EPIPHONE	Japan	24428/72	1,416,302	2/21/72	4/30/80	15
EPIPHONE	Japan	63-049069	2,325,114	4/28/88	7/31/91	15
EPIPHONE (stylized)	Japan	896012012	5576074	11/5/2012	4/19/2013	9
EPIPHONE SCRATCHLESS PICKGUARD	Japan	201435956	5705281	5/7/2014	9/26/2014	15
ES CUSTOM	Japan	201498236	5752056	11/20/2014	3/20/2015	9
ETUNE	Japan	985502013	5673462	12/16/2013	5/30/2014	15

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EZ-PROFILE	Japan	201435954	5705279	5/7/2014	9/26/2014	15
EZ-STRING	Japan	201435955	5705280	5/7/2014	9/26/2014	15
FLYING V	Japan	2014096299	5745578	11/14/2014	2/27/2015	9
FLYING V	Japan	542013	5586665	1/4/2013	5/31/2013	15
FLYING V Guitar Body Design	Japan	532013	5586664	1/4/2013	5/31/2013	15
	Japan	2014073874	5732461	9/2/2014	1/9/2015	9, 15
G FORCE	Japan	2014051146	5711620	6/19/2014	10/17/2014	15
G-NODE	Japan	2010-83810	5392141	10/27/2011	2/18/2011	15
GEAR SHIFT KNOB	Japan	78939/2010	5397545	10/8/2010	3/11/2011	15
GIBSON	Japan	201497306	5805706	11/18/2014	11/13/2015	6,14,16,20,21 25,28
GIBSON	Japan	52-008330	1,522,430	2/9/77	6/29/82	42
GIBSON	Japan	2006-065915	5252735	7/14/06	7/14/2006	15
GIBSON	Japan	6-50822	4047237	5/25/94	8/22/97	42
GIBSON	Japan	2008-087456	5324302	10/28/08	5/21/2010	14,18,26
GIBSON	Japan	2008-087457	5371118	10/28/08	11/26/2010	25
GIBSON (stylized w/star)	Japan	62473/2009	5411164	8/17/2009	5/13/2011	16,25
GIBSON BEELINE	Japan	985402013	5685594	12/16/2013	7/11/2014	9
GIBSON BRANDS	Japan	399272013	5655915	5/27/2013	3/14/2014	9,15
GIBSON EXPLORER	Japan	2014096301	5745580	11/14/2014	2/27/2015	9
GIBSON GUITARS	Japan	399272013	5655916	5/27/2013	3/14/2014	9,15
GIBSON CUSTOM COLLECTOR'S CHOICE	Japan	352802010	5355851	5/6/2010	9/24/2010	15
GIBSON GUITAR	Japan	2008087459	5239104	10/28/08	6/12/09	15
GIBSON MUSE	Japan	985472013	985472013	12/16/2013	10/10/2014	9
GIBSON QUICK CONNECT	Japan	317062011	5443117	5/10/2011	10/7/2011	15
GIBSON SG	Japan	25932011	5417283	1/18/2011	6/10/2011	15
GIBSON SOLID FORMED	Japan	2014088437	5744273	10/21/2014	2/27/2015	15
GIBSON TONE BALANCE	Japan	841952010	5435716	10/28/2010	10/4/2011	15
GIBSON WIDGET	Japan	985452013	5666264	12/16/2013	4/25/2014	9
GIG-PAD	Japan	83811/2010	5406620	10/27/2010	4/15/2011	9
GOLD TONE	Japan	83808/2010	5392140	10/27/2011	2/18/2011	15
GOTHIC MORTE	Japan	98295/2010	5405013	12/17/2010	4/8/2011	15
HAMILTON	Japan	44657/2012	5536013	6/4/2012	11/16/2012	15
HOMECASTER	Japan	346102013	5612082	5/9/2013	08/30/2013	9
HONEYCOMB	Japan	985392013	5797751	12/16/2013	10/9/2015	9
HUMBUCKER	Japan	5-722534	1,635,553	1/18/74	11/25/83	15
JUMBOPRO	Japan	201435958	5705283	5/7/2014	9/26/2014	15
KING BEE	Japan	985372013	5664974	12/16/2013	4/18/2014	9
KRAMER	Japan	09-002466	4420766	1/16/97	9/29/00	15

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KRAMER STRIKER	Japan	201462481	5720773	7/25/2014	11/21/2014	15
KRK	Japan	2617322	2617322	5/17/1991	1/31/1994	7,8,9,10,11,12,16,17,21
LES PAUL	Japan	2014096300	5745579	11/14/2014	2/27/2015	9
LES PAUL	Japan	6-121247	3310140	12/2/94	5/23/97	15
LES PAUL	Japan	113437/10	1,522,394	10/27/70	6/29/82	15
LES PAUL BODY DESIGN	Japan	H06-121248	409767	12/2/1994	8/29/1997	15
LES PAUL STEAMPUNK	Japan	10682011	5415868	1/11/2011	6/3/2011	15
LIFTON	Japan	201649160	5889951	5/2/2016	10/21/2016	15
MAESTRO	Japan	78454/2010	5406581	10/7/2010	4/15/2011	15
MATH	Japan	985442013	5704035	12/16/2013	9/19/2014	9
MELODY MAKER	Japan	415112011	5497784	6/15/2011	6/1/2012	15
MEMORY CABLE	Japan	82352014	5681238	2/5/2014	6/27/2014	9
MINDREADER	Japan	869542013	5688386	11/6/2013	7/25/2014	9
MIX RECALL	Japan	2014068048	5736778	8/12/2014	1/30/2015	9
MO' BABY	Japan	10-57893	4296710	7/9/98	7/16/99	15
Min-ETune	Japan	869672012	5576025	10/26/2012	4/19/2013	15
MODERNE	Japan	10-57894	4351792	7/9/98	1/14/00	15
MORPHED	Japan	982962010	5405014	12/17/2010	4/8/2011	15
NEAT	Japan	980962013	5666263	12/13/2013	4/25/2014	9
NEAT BEELINE	Japan	985412013	5664975	12/16/2013	3/18/2014	9
NEAT MUSE	Japan	985482013	5666266	12/16/2014	4/25/2014	9
NEAT WIDGET	Japan	985462013	5666265	12/16/2013	4/25/2014	9
NIGHTNAV	Japan	201551668	5809004	6/1/2015	11/27/2015	9
OB LOGO	Japan	10-14978	4,341,033	2/26/98	12/3/99	15
OBERHEIM	Japan	10-14977	4,341,032	2/26/98	12/3/99	15
ONLY A GIBSON IS GOOD ENOUGH (stylized)	Japan	21272/2013	5602335	3/25/2013	7/26/2013	15
ONLY AIR GUITAR IS EASIER TO PLAY	Japan	201435957	5705282	5/7/2014	9/26/2014	15
PERFECT CLARITY	Japan	802922013	5651393	10/15/2013	2/21/2014	9
PERFECT-MINDREADER	Japan	869532013	5688385	11/6/2013	7/25/2014	9
PICKERING	Japan	S4839541	1211280	03/07/1973	07/26/1976	9
PIKO NET	Japan	83441/2010	5390063	10/27/2010	2/10/2011	15
PLAY RECORD LISTEN	Japan	2014073875	5732462	9/2/2014	1/9/2015	9,15,25
PROCHANNEL	Japan	2012099703	5578097	12/10/2012	4/23/2013	9
PRODUCTS FOR A HAPPY LIFE	Japan	201549375	5806349	5/25/2015	11/13/2015	9,15,35
PRO-EASE	Japan	201435953	5703373	5/7/2014	9/14/2015	9
PROJECT5	Japan	2003063617	4755490	7/29/2003	3/12/2004	9
PROPHECY	Japan	41512/2011	5453439	6/15/2011	11/25/2011	15
PURE ANALOG	Japan	79376/2010	5388423	10/12/2010	2/4/2011	15
PUREVOICE	Japan	105896/2012	5599634	12/28/2012	7/19/2013	15
PUSH STRUM PERFECT	Japan	2014080524	5736812	9/14/2014	1/30/2015	15
ROBOT TUNERS	Japan	83577/2012	5572407	10/16/2012	4/15/2013	15

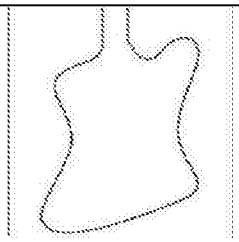
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	Japan	201362953	5638328	8/12/2013	12/20/2013	9
SG CUSTOM	Japan	201498235	5752055	11/20/2014	3/20/2015	9
SLINGERLAND	Japan	5-120244	3207462	11/30/93	10/31/96	15
SNAKEPIT	Japan	2014068376	5728274	8/13/2014	12/14/2015	9,15
SPIRIT	Japan	H03049815	26950551	05/14/91	9/30/94	15
STANTON	Japan	201361649	5664776	8/7/2013	4/18/2014	9
STEINBERGER	Japan	5789884	1871916	4/5/96	6/27/86	15
SUPREME GRIP	Japan	201431359	5705223	4/22/2014	9/26/2014	15
TOBY	Japan	144872013	5594722	3/1/2013	6/28/2013	15
	Japan	201310212 1	5671553	12/27/2013	5/23/2014	9
	Japan	201558422	201558422	6/19/2015	10/30/2015	9
UBERCASE	Japan	536622012	5549757	7/3/2012	1/11/2013	15
VALLEY ARTS	Japan	2002-074729	4665151	9/3/02	4/18/03	15
VALLEY ARTS GUITARS	Japan	59-84549	1,969,924	7/31/84	7/23/87	15
VAMPIRE BLOOD MOON	Japan	98294/2010	5405012	12/17/2010	4/8/2011	15
VIBROLA	Japan	41513/2011	5453440	6/15/2011	11/25/2011	15
VOCALSYNC	Japan	2014068047	5736777	8/12/2014	1/30/2015	9
WILSHIRE	Japan	41510/2011	5453438	6/15/2011	11/25/2011	15
WORKER BEE	Japan	985362013	5664972	12/16/2013	4/18/2014	9
WURLITZER	Japan	H02-051542	2,444,218	05/10/90	8/31/1992	15
WURLITZER	Japan	H03-003834	2592839	1/21/91	10/29/93	9
YOU PLAY WE TUNE	Japan	100995/2012	5580375	12/13/2012	5/2/2013	15
 ES GUITAR BODY DESIGN	Japan	201498228	5747392	11/20/2014	3/6/2015	9,14,16,20,21 ,25,28
 FLYING V GUITAR BODY DESIGN	Japan	201498229	5747393	11/20/2014	3/6/2015	9,14,16,20,21 ,25,28

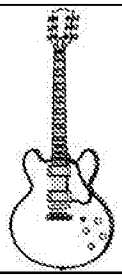
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
 THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN	Japan	201498230	5747394	11/20/2014	3/6/2015	9,14,16,20,21 ,25,28
 LES PAUL GUITAR BODY DESIGN	Japan	201498231	5747395	11/20/2014	3/6/2015	9,14,16,20,21 ,25,28
 SG GUITAR BODY DESIGN	Japan	201498232	5747396	11/20/2014	3/6/2015	9,14,16,20,21 ,25,28
 EXPLORER GUITAR BODY DESIGN	Japan	201498233	5747397	11/20/2014	3/6/2015	9,14,16,20,21 ,25,28
WURLITZER	Lebanon	Unknown	57688	unknown	4/10/1992	9
CERWIN-VEGA	Malaysia	2011017595	2011017595	10/5/2011	3/21/2014	9
KRK	Malaysia	2011015555	2011015555	8/26/2011	7/18/2012	9
GIBSON	Malaysia	9610128	9610128	8/27/96	8/27/96	9
GIBSON	Malaysia	6012232	6012232	7/12/06	7/12/06	9
EPIPHONE	Malaysia	97/00073	97/00073	1/3/97	1/3/97	15
VALLEY ARTS	Malaysia	02010663	02010663	8/29/02	8/29/02	15
KRAMER	Malaysia	97/00074	97/00074	1/3/97	1/3/97	15
CAKEWALK	Mexico	TBD	11172131	TBD	TBD	9
EPIPHONE	Mexico	43130	355,059	6/3/88	11/8/88	36
GIBSON	Mexico	78,966	194,204	3/19/74	2/23/76	15
GIBSON	Mexico	78,967	195,624	3/19/74	6/7/76	21

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
GIBSON	Mexico	800518	991842	8/15/06	7/10/2007	9
KRAMER	Mexico	283733	541.068	1/9/97	1/9/97	15
LES PAUL	Mexico	195,177	195,177	6/3/74	4/23/76	9, 15, 20
VALLEY ARTS	Mexico	567287	767,658	9/24/02	10/31/02	15
WURLITZER	Mexico	301,018	301,018	2/10/86	2/10/86	15
CERWIN VEGA	Mexico	223653	497744	2/6/1995	7/20/1995	9
CV LOGO	Mexico	249436	249436	3/28/1980	3/28/1985	9
PICKERING	Mexico	86704	325224	1/20/1975	10/14/1986	9
PROSTAX	Mexico	195910	461021	4/12/1994	5/18/1994	9
STANTON	Mexico	689562	873745	11/24/2004	3/29/2005	9
BELL SHAPED TRUSS ROD COVER	New Zealand	113,449	113,449	10/9/75	2/13/78	15
CERWIN-VEGA	New Zealand	971246	971246	01/7/2013	9/2/2014	9
DESIGN PEGHEAD (DOVE WING)	New Zealand	113,450	113,450	10/9/75	3/23/79	15
DESIGN PINEAPPLE	New Zealand	113,447	113,447	10/9/75	4/29/77	15
DESIGN SPLIT DIAMOND	New Zealand	113,448	113,448	10/9/75	4/29/44	15
DESIGN URN & FLOWERS	New Zealand	113,446	113,446	10/9/75	2/1/79	15
E (stylized)	New Zealand	971249	971249	01/07/2013	7/9/2013	9,15
EPIPHONE (stylized)	New Zealand	971248	971248	1/7/2013	7/9/2013	9,15
EPIPHONE	New Zealand	271121	271121	12/23/96	9/24/97	15
MAESTRO	New Zealand	971245	971245	01/7/2013	7/9/2013	9,15
GIBSON	New Zealand	86,085	86,085	1/19/68	8/18/70	36
GIBSON	New Zealand	751240	751240	7/14/06	4/5/07	9
KRAMER	New Zealand	270964	270964	12/19/96	8/19/98	15
EXPLORER (word mark)	New Zealand	971243	971243	01/07/2013	7/9/2013	15
LES PAUL	New Zealand	974231	974231	3/15/2013	7/1/2014	15
Les Paul Body Design (w/Peg Head Inset)	New Zealand	965321	965321	9/11/2012	7/1/2016	15
STANTON	New Zealand	971247	971247	01/7/2013	7/9/2013	9
VALLEY ARTS	New Zealand	663548	663548	8/29/02	3/3/03	15
WURLITZER	New Zealand	B37,732	B37,732	8/8/39	8/8/39	9
WURLITZER	New Zealand	69757	69757	10/27/61	1/22/1963	15

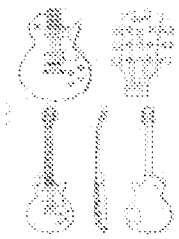
MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
KRK	New Zealand	847163	847163	8/5/2011	2/7/2012	9
KRK	Norway	201109508	263168	08/22/2011	12/22/2011	9
STANTON	Norway	201110270	265122	09/07/2011	04/24/2012	9
DESIGN BELL	Norway	96,073	96,073	10/6/75	2/26/76	15
DESIGN PEGHEAD (DOVE WING)	Norway	123510	97,028	10/6/75	8/5/76	15
DESIGN SPLIT DIAMOND	Norway	123511	96,072	10/6/75	2/26/76	15
E STYLIZED	Norway	864192	131,790	10/22/86	3/3/88	15
EPIPHONE	Norway	118.856	92,541	5/20/74	1/9/75	15
GIBSON	Norway	95,265	82,260	4/22/68	7/27/71	15
GIBSON	Norway	200611195	239471	10/12/06	5/31/07	15
KRAMER	Norway	97.0707	185418	1/28/97	9/25/97	15
LES PAUL	Norway	93,929	93,929	5/20/74	5/29/75	15
WURLITZER	Norway	27494	27494	7/12/1939	7/12/1939	9
CERWIN-VEGA	Norway	201109506	269467	08/22/2011	2/15/2013	9
EPIPHONE	Panama	086005-01	086005-01	2/27/97	6/30/98	15
GIBSON	Panama	14178-01	14178-01	4/11/68	6/11/71	9 - 15
GIBSON	Panama	60007-01	60,007-01	6/11/71	6/11/71	15
GIBSON	Panama	154308-01	154308-01	9/11/06	09/11/2006	9
KRAMER	Panama	086004-01	086004-01	2/27/97	2/27/97	15
VALLEY ARTS	Panama	123346-01	123346-01	10/1/02	10/1/2002	15
KRAMER	Paraguay	25906-96	196487	12/19/96	8/28/97	15
EPIPHONE	Paraguay	25-81696	196479	12/18/96	8/28/97	15
EPIPHONE	Paraguay	25814-96	196480	12/18/96	8/28/97	15
GIBSON	Paraguay	1094	300574	4/6/76	3/4/77	9
GIBSON	Paraguay	14454-96	302597	7/18/96	8/14/97	15
LES PAUL	Paraguay	226554	125202	2/21/97	7/13/00	15
VALLEY ARTS	Paraguay	21418-2002	256397	9/4/02	4/21/2003	15
BALDWIN w/Piano Keys (stylized)	Peru	570112	00212669	4/1/2014	6/30/2014	15
GIBSON	Peru	369654-2008	154546	10/13/08	6/30/2009	15
WURLITZER	Peru	204121-1992	99530	6/5/92	9/30/1992	9
CERWIN	Philippines	42012501884	42012501884	07/23/2012	3/7/2013	9
DESIGN BELL	Philippines	98795-PN	4-1995-99773	1/11/95	1/14/00	15
DESIGN GUITAR BODY (LES PAUL)	Philippines	4-1995-99774	4-1995-99774	3/8/95	3/10/00	15
DESIGN PEGHEAD (DOVE WING)	Philippines	98798-PN	4-1995-99776	3/8/95	1/14/00	15
EPIPHONE	Philippines	4-2009-003150	4-2009-003150	3/25/2009	12/17/2009	15
GIBSON	Philippines	41995098799	41995098799	3/8/95	11/10/05	15
GIBSON	Philippines	4-2006-50016	4200650016	7/13/06	7/16/2007	9
KRAMER	Philippines	117873	117873	2/13/97	6/26/03	15
LES PAUL	Philippines	98797-PN	4-1995-99775	3/8/95	12/14/99	15
MAESTRO	Philippines	42015503937	42015503937	7/16/2015	1/1/2016	15

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
VALLEY ARTS	Philippines	4-2002-07340	4-2002-07340	8/30/02	4/16/04	15
CERWIN-VEGA	Philippines	41995102996D	4-1995-127935	09/27/1995	12/11/2006	9
CV Logo	Philippines	4199510995D	4-1995-127797	09/27/2005	07/08/2004	9
KRK	Philippines	4-2011-009998	4-2011-009998	08/22/2011	03/01/2012	9
CERWIN-VEGA	Poland	112559	87551	08/14/1992	11/7/1995	9
CV Logo	Poland	112556	81683	08/14/1992	10/27/1994	9
EPIPHONE	Portugal	187,193	187,193	8/28/74	1/20/82	15
GIBSON	Portugal	222,936	222,936	11/3/83	10/15/92	15
KRAMER	Portugal	321,553	321,553	1/28/97	9/1/97	15
LES PAUL	Portugal	187,195	187,195	8/28/74	1/20/82	15
VALLEY ARTS	Portugal	366 524	366 524	8/28/02	7/14/03	15
WURLITZER	Portugal	396880	396889	1/6/2006	10/4/2007	9
BALDWIN	Russia	2013700625	509520	1/11/2013	3/26/2014	15
BELL SHAPED TRUSS ROD COVER	Russia	2013700632	508700	1/11/2013	3/17/2014	15
CAKEWALK	Russia	2010722578	444430	7/12/2010	10/12/2011	9
CERWIN-VEGA	Russia	119463	119463	---	08/24/1994	9
CV Logo	Russia	118640	118640	---	08/08/1994	9
DOVE WING PEG HEAD DESIGN	Russia	2010718093	463021	6/3/2010	5/30/2012	15
E (stylized)	Russia	2013700622	509396	1/11/2013	3/25/2014	15
EPIPHONE	Russia	2011723737	477103	6/25/2011	12/20/2012	9,15
EPIPHONE (stylized)	Russia	2013700627	506986	1/11/2013	2/21/2014	9,15
EPIPHONE PEG HEAD DESIGN	Russia	2013700627	526157	1/11/2013	11/6/2014	15
ES GUITAR BODY DESIGN	Russia	2013700628	527340	1/11/2013	11/20/2015	15
EXPLORER	Russia	2013700620	526641	1/11/2013	11/13/2014	15
EXPLORER GUITAR BODY DESIGN	Russia	2013712611	516030	4/15/2013	6/20/2014	15
FLYING V (word mark)	Russian	2013700620	508981	1/11/2013	3/19/2014	15
FLYING V GUITAR BODY DESIGN	Russia	2013700634	507048	1/11/2013	2/21/2014	15
GIBSON	Russia	2011720316	459549	6/27/2011	4/16/2012	15
GIBSON (stylized)	Russia	2013700626	515984	1/11/2013	6/20/2014	9,15
GIBSON SG	Russia	2014738994	564857	11/20/2014	2/16/2016	15
KRAMER	Russia	2013700635	507473	1/11/2013	2/27/2014	15
KRK and Design	Russia	2013707069	511023	3/5/2013	4/15/2014	9
LES PAUL	Russia	2010718091	443925	6/3/2010	9/5/2011	15
LES PAUL GUITTAR BODY DESIGN	Russia	2010718092	449828	6/3/2010	12/23/2011	15
MAESTRO	Russia	2013700630	525875	1/11/2013	10/30/2014	15
SG GUITAR BODY DESIGN	Russia	2013700633	527341	1/11/2013	11/20/2014	15
SONAR	Russia	2010731471	459809	9/30/2010	5/12/2012	9
STANTON	Russia	2011728072	488038	08/29/2011	5/28/2013	9

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
 THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN	Russia	2013700631	534237	1/11/2013	2/10/2015	15
VALLEY ARTS	Russia	2013700636	509397	1/11/2013	3/25/2014	15
WURLITZER	Russia	2013700625	507030	1/11/2013	2/21/2014	15
DESIGN BELL	Singapore	T7565811C	T7565811C	10/15/75	4/27/1978	15
DESIGN PEGHEAD (DOVE WING)	Singapore	T7565813Z	T7565813Z	10/15/75	8/25/1980	15
DESIGN SPLIT DIAMOND	Singapore	T7565812A	T7565812A	10/15/75	12/27/1976	15
EPIPHONE	Singapore	S/163/97	T97/00163Z	1/7/97	1/7/97	15
EPIPHONE MAESTRO	Singapore	40201510814R	40201510814R	6/25/2015	1/13/2016	15
GIBSON	Singapore	S/64970	S/64970	7/29/95	7/29/95	15
GIBSON	Singapore	T0615218D	T0615218D	7/27/06	7/27/2006	9
KRAMER	Singapore	190/97	T97/00190G	1/7/97	1/7/97	15
MAESTRO	Singapore	42015503937	42015503937	7/16/2015	1/1/2016	15
VALLEY ARTS	Singapore	T02/139 84A	T02/13984A	9/10/02	9/10/2002	15
STANTON	Singapore	69779	T7669779A	11/23/1976	11/23/1976	9
PICKERING	Singapore	69778	B225182	11/23/1976	05/04/1982	9
CERWIN-VEGA	Singapore	T7979754A	T7979754A	03/30/1979	11/3/1989	9
KRK	Singapore	T1112578E	T1112578E	09/12/2011	09/24/2012	9
CERWIN-VEGA	South Africa	201224286	201224286	9/7/2012	1/27/2016	9
DESIGN BELL	South Africa	75/5230	74/5230	9/30/75	9/30/75	15
DESIGN PEGHEAD (DOVE WING)	South Africa	75/5233	75/5233	9/30/75	7/4/77	15
DESIGN PINEAPPLE	South Africa	75/5234	75/5234	9/30/75	11/5/76	15
DESIGN SPLIT DIAMOND	South Africa	75/5232	75/5232	9/30/75	3/25/77	15
DESIGN URN & FLOWERS	South Africa	75/5231	75/5231	9/30/75	5/6/77	15
EPIPHONE	South Africa	76/2563	76/2563	5/21/76	9/2/77	15
Epiphone	South Africa	201319226	201319226	7/17/2013	1/30/2015	9

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
Epiphone	South Africa	201319227	201319227	7/17/2013	1/30/2015	15
FLYING V	South Africa	201314681	201314681	6/3/2013	5/14/2015	15
GIBSON	South Africa	68/0226	68/0226	1/19/68	1/19/68	15
GIBSON	South Africa	2006/15746	2006/15746	7/14/2006	3/18/2011	9
GIBSON	South Africa	68/0225	68/0225	1/19/68	1/19/68	15
LES PAUL	South Africa	B/81/0412	B/81/0412	1/22/81	11/11/83	15
KRAMER	South Africa	96/18270	96/18270	12/20/96	12/20/96	15
KRK	South Africa	2011/19353	2011/19353	8/5/2011	6/23/2015	9
STANTON	South Africa	201121519	201121519	8/31/2011	11/29/2013	9
STANTON (stylized)	South Africa	201121520	201121520	8/31/2011	9/30/2013	9
WURLITZER	South Africa	B73/1164	B73/1164	3/12/73	3/7/1974	9
VALLEY ARTS	South Africa	2002/13108	2002/13108	---	8/30/2002	15
CAKEWALK	South Korea	4020120034831	4009794280000	5/31/2012	7/3/2013	9
CERWIN-VEGA	South Korea	4020110046279	956757	8/24/2011	3/5/2013	9
DESIGN BELL	South Korea	95-30118	372376	8/4/95	8/13/97	15
DESIGN GUITAR (STEINBERGER)	South Korea	83-15780	109,982	11/16/83	2/6/85	15
DESIGN PEGHEAD (DOVE WING)	South Korea	95-30117	389775	8/4/95	1/7/98	15
DOBRO	South Korea	35-48430	394535	12/19/95	2/6/98	15
E STYLIZED	South Korea	93-019407	301,554	6/9/93	11/7/94	15
EPIPHONE	South Korea	93-019406	301,555	6/9/93	11/7/94	15
EPIPHONE	South Korea	4020110039588	958064	7/21/2011	3/12/2013	9
	South Korea	4020130074968	1072158	11/12/2013	11/27/2014	15

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
EXP	South Korea	4020010005553	515993	2/15/01	3/27/02	15
EXPLORER GUITAR BODY (base only)	South Korea	4020100062207	978371	12/2/2010	7/1/2013	15
FLYING V GUITAR BODY (base only)	South Korea	4020100062211	978357	12/2/2010	7/1/2013	15
LES PAUL GUITAR BODY DESIGN (base only)	South Korea	40-2001-22969	0525009	5/28/01	7/10/02	15
GIBSON	South Korea	50/2000-9993	74,915	3/13/80	1/27/81	15
GIBSON	South Korea	Unknown	715564	7/2/2007	7/2/2007	9
KRAMER	South Korea	35-57141	390884	1/20/96	1/14/98	51
KRK	South Korea	4020110042440	980051	8/05/2011	7/5/2013	9
LES PAUL	South Korea	81-2239	79,812	3/16/81	1/6/82	51
ORVILLE	South Korea	89-12718	194613	5/24/89	6/22/90	15
PICKERING	South Korea	4019810001302	4000793570000	2/4/1981	12/15/1981	9
STANTON	South Korea	4019810001145	4000793520000	2/4/1981	12/15/1981	9
STEINBERGER	South Korea	83-15781	109,097	11/16/83	1/17/85	15
VALLEY ARTS	South Korea	2002-0039211	0560198	8/28/02	9/23/03	15
LP	South Korea	2005-000447	0636863	2/01/05	10/28/05	15
DESIGN BELL	Spain	800,428	800,428	10/9/75	3/31/78	15
DESIGN PEGHEAD (DOVE WING)	Spain	800,430	800,430	10/9/75	3/31/78	15
DESIGN SPLIT DIAMOND	Spain	800,429	800,429	10/9/75	3/31/78	15
E STYLIZED	Spain	749,980	749,980	4/20/74	7/26/77	15
EPIPHONE	Spain	762,274	762,274	8/5/74	6/10/77	15
GIBSON	Spain	2069439	2069439	1/22/97	7/7/97	15
KRAMER	Spain	2069961	2069961	1/24/97	7/7/97	15
LES PAUL	Spain	749,981	749,981	4/20/74	7/26/77	15
VALLEY ARTS	Spain	1327980 M7	1327980 M7	4/25/89	2/5/91	15
VALLEY ARTS	Spain	2502615(1)	2502615	8/29/02	10/27/04	15
WURLITZER	Spain	65669 M	65669 M	11/18/26	10/5/27	9, 15
CERWIN-VEGA	Spain	885679M	885679M	08/14/1978	10/20/1979	9
CV Logo	Spain	885678M	885678M	08/14/1978	07/20/1979	9

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
	Spain	3088574	3088574	8/29/2013	2/17/2014	15
DESIGN BELL	Sweden	4272/1975	154,513	10/2/75	2/27/76	15
DESIGN PEGHEAD (DOVE WING)	Sweden	1901/54515	154,515	12/5/75	2/27/76	15
DESIGN SPLIT DIAMOND	Sweden	1901/54514	154,514	12/5/75	2/27/76	15
E STYLIZED	Sweden	1901/54381	154,381	4/23/74	2/20/76	15
EPIPHONE	Sweden	2009/07659	408460	10/1/09	12/18/09	9, 15
GIBSON	Sweden	2006/00527	384033	1/18/06	10/13/06	9, 15
KRAMER	Sweden	97-00759	332 486	1/22/97	8/20/99	15
LES PAUL	Sweden	2011/1974	150,633	4/23/74	3/7/75	15
SONEX	Sweden	2009/07660	410096	10/1/09	03/26/2010	15
VALLEY ARTS	Sweden	02-05666	360819	9/3/02	05/02/2003	15
WURLITZER	Sweden	90378	90378	09/4/1959	09/23/1960	9, 15
CV Logo	Sweden	2003007711	036754	12/19/2003	01/24/2004	9
CERWIN with Logo	Sweden	2012/06089	509276	8/28/2012	11/30/2012	9
DESIGN BELL	Switzerland	5190	281,429	10/27/75	10/27/75	15
DESIGN SPLIT DIAMOND	Switzerland	5192	281,430	10/27/75	5/4/76	15
EPIPHONE	Switzerland	2665	292,224	5/27/77	4/6/78	15
GIBSON	Switzerland	56549/2006	551412	7/24/06	10/23/06	9, 15
GIBSON (stylized)	Switzerland	02826/1988	P-362992	4/23/1988	7/29/1988	9
KRAMER	Switzerland	3121/1996	442697	12/18/96	7/11/97	15
KRK (logo)	Switzerland	590022011	643070	08/05/2011	2/13/2013	9
LES PAUL	Switzerland	5492	306,065	10/25/79	10/22/80	15
EPIPHONE MAESTRO	Switzerland	575122015	681778	11/19/2015	12/21/2015	15
VALLEY ARTS	Switzerland	7620/2002	505023	9/3/02	11/12/02	15
WURLITZER	Switzerland	P-351543	P-351543	10/15/86	2/17/87	9, 15
STANTON	Switzerland	5780	P298782	11/27/1978	05/23/1979	9
STANTON	Switzerland	599082011	623341	08/31/2011	12/2/2011	9
CAKEWALK	Taiwan	01556851	01556851	6/5/2012	1/1/2013	9
CERWIN-VEGA!	Taiwan	100055193	01574880	10/27/2011	4/16/2013	9
CV Logo	Taiwan	100055192	01574879	10/27/2011	4/16/2013	9
DESIGN BELL	Taiwan	84029793	715453	6/16/95	5/1/96	15
DESIGN PEGHEAD (DOVE WING)	Taiwan	84029794	722357	6/16/95	7/16/96	15
EPIPHONE	Taiwan	100036141	1535426	7/18/2011	9/1/2012	9,15
GIBSON	Taiwan	322,551	322,551	4/16/86	6/1/86	9
GIBSON	Taiwan	95936468	01407536	7/14/06	5/1/2010	9
KRAMER	Taiwan	85065058	00809584	12/20/96	7/16/98	15

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
LES PAUL	Taiwan	153790	153790	6/1/01	6/16/2001	25
SLINGERLAND	Taiwan	84023415	715448	5/15/95	5/1/96	15
WURLITZER	Taiwan	141394	141394	7/1/2010	10/1/2010	Local 92
WURLITZER	Taiwan	141437	141437	7/1/2010	10/1/2010	Local 94
STANTON	Taiwan	065010164	00091813	11/23/1976	9/1/1977	9
PICKERING	Taiwan	065010163	00091812	11/23/1976	09/1/1977	9
EPIPHONE	Thailand	326012	TM74648	1/15/97	7/14/98	15
GIBSON	Thailand	280685	TM26000	2/11/85	12/6/85	15
GIBSON	Thailand	635143	TM281334	8/9/06	8/9/06	9
KRAMER	Thailand	325483	TM67420	1/7/97	1/13/98	15
STEINBERGER	Thailand	341,356	63541	8/15/97	9/25/97	15
CERWIN-VEGA	Thailand	247971	TM5003	08/3/1983	08/3/1983	9
VALLEY ARTS	Thailand	497065	181375	9/5/2002	9/5/2002	15
CAKEWALK	Turkey	201247646	201247646	5/24/2012	6/5/2013	9
FLYING V	Ukraine	m 2013 09736	186291	6/3/2013	5/26/2014	15
FLYING V BODY SHAPE (base)	Ukraine	m 2013 09737	186290	6/3/2013	5/26/2014	15
KRK	United Arab Emirates	161702	161702	8/24/2011	12/9/2012	9
DESIGN BELL	U.K.	1,052,834	1,052,834	9/30/75	10/21/76	15
DESIGN GUITAR BODY (LES PAUL)	U.K.	2,002,868	2,002,868	11/18/94	2/4/00	15
DESIGN PEGHEAD (DOVE WING)	U.K.	1,052,837	1,052,837	9/30/75	11/30/77	15
DESIGN PINEAPPLE	U.K.	1,052,836	1,052,836	9/30/75	9/21/76	15
DESIGN SPLIT DIAMOND	U.K.	1,052,835	1,052,835	9/30/75	9/21/76	15
DESIGN URN & FLOWERS	U.K.	1,052,838	1,052,838	9/30/75	9/21/76	15
DOBRO	U.K.	2048827	2048827	12/15/95	1/24/97	15
EPIPHONE	U.K.	1,028,099	1,028,099	4/17/74	12/2/75	15
GIBSON	U.K.	641,792	641,792	11/13/45	11/13/45	15
GIBSON	U.K.	919,908	919,908	1/18/68	1/5/70	15
HUMBUCKER	U.K.	1,034,913	1,034,913	9/4/74	11/24/75	15
HUMBUCKING	U.K.	1,049,542	1,049,542	7/15/75	6/23/76	15
KRAMER	U.K.	2121523	2121523	1/22/97	7/25/97	15
LES PAUL	U.K.	966,526	966,526	5/20/70	10/19/1970	15
LES PAUL	U.K.	1,066,634	1,066,634	8/2/76	8/2/1976	15
LES PAUL	U.K.	1,109,467	1,109,467	2/13/79	2/13/1979	9
S-G	U.K.	1,035,864	1,035,864	9/26/74	12/2/76	9-20
SLINGERLAND	U.K.	2,020,462	2,020,462	5/12/95	2/23/96	15
VALLEY ARTS	U.K.	2309441	2309441	8/30/02	1/31/03	15
WURLITZER	U.K.	B460437	B460437	7/9/25	7/9/1925	9
WURLITZER	U.K.	B605450	B605450	3/21/74	3/21/1939	9
STANTON	U.K.	1062760	1062760	05/12/1976	01/20/1981	9
PICKERING	U.K.	1062759	1062759	5/12/1976	5/12/1976	9

MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
CERWIN-VEGA!	U.K.	1063773	1063773	6/2/1976	6/2/1976	9
CV Logo	U.K.	1063771	1063771	6/2/1976	6/2/1976	9
FLYING V	United Arab Emirates	193235	193235	6/12/2013	12/28/2015	15
FLYING V BODY DESIGN (2D, Base Only)	United Arab Emirates	193237	193237	6/12/2013	12/28/2015	15
GIBSON	Uruguay	374,098	374,098	9/12/06	10/12/2007	15
STANTON	Uruguay	170365	435749	1/29/1982	5/13/1982	9
EPIPHONE	Venezuela	1069-97	P-203360	1/21/97	1/23/98	15
GIBSON	Venezuela	6269-77	94.054-F	8/24/77	4/18/80	9, 21
GIBSON	Venezuela	650	60.636-F	2/1/68	10/9/70	Local Class 36
PICKERING	Venezuela	2012-017818	2012-017818	8/22/2012	8/22/2012	9
VALLEY ARTS	Venezuela	2002-013437	P-248890	8/29/02	11/4/03	15
WURLITZER	Venezuela	67,173/71	67,173/71	12/13/71	12/13/1971	Local 21
STANTON	Venezuela	90766	90766	2/16/1977	4/18/1979	9
DESIGN OF A BELL SHAPE	Vietnam	4-2002-01482	47220	3/22/02	6/6/03	15
DESIGN OF PEGHEAD PROFILE	Vietnam	4-2002-01483	54566	3/22/02	6/3/04	15
EPIPHONE	Vietnam	4-2002-01480	47048	3/22/02	5/28/03	9,15
GIBSON	Vietnam	4-2002-01484	47049	3/22/02	5/28/03	9,15
GIBSON	Vietnam	4-2006-13393	40088881000	8/15/2006	9/17/2007	9
KRAMER	Vietnam	4-2002-01489	47050	3/25/02	5/28/03	15
LES PAUL	Vietnam	4-2002-01481	47942	3/22/02	6/19/03	15
VALLEY ARTS	Vietnam	4-2002-05416	51660	9/4/02	12/24/03	15

Baldwin Piano, Inc.
Copyrights

TITLE	CLASS	REGISTRATION NO.	DATE OF REGISTRATION
Baldwin Technical Manual: Model 122, Funster & 42 Other Titles	Recorded Document	V3558D345	12/6/2007

Baldwin Cabaret with Fun Machine: a complete guide for your new Baldwin organ-model 128W	Text	TX0000002369	2/13/1978
Baldwin technical manual: model 123 Bravura	Text	TX0000002693	2/14/1978
Baldwin technical manual: model 122, Funster	Text	TX0000054879	6/14/1978
Every life needs music	Visual Material	VA0000011690	8/24/1978
Every life needs music & 43 other titles	Recorded Document	V3481D901	11/21/2001
Every life needs music & 43 other titles	Recorded Document	V3481D902	11/21/2001
Every life needs music & 43 other titles	Recorded Document	V3481D903	11/21/2001
Every life needs music & 43 other titles (Part 001 of 004)	Recorded Document	V3481D900	11/21/2001
Every life needs music & 44 other titles	Recorded Document	V3451D642	4/13/2000
Classroom manager: release 1.0	Computer File	TX0004360895	8/31/1992
Listen and play master	Computer File	TX0004360893	11/17/1995
Music illustrator	Computer File	TX0004360894	11/17/1995

Gibson Brands, Inc.
U.S. Copyrights

TITLE	CLASS	REG. NO.	DATE OF REG.
"DRUMMER" software	Computer File	TXu000465157	March 1. 1991
Drummer & 3 other titles	Recorded Document	V3532D287	November 15, 2005
Drummer software & 3 other titles	Recorded Document	V3528D721	August 24, 2005
Drummer software & 4 other titles	Recorded Document	V3558D346	December 6, 2006
Drummer, software & 4 other titles	Recorded Document	V3602D783	March 25, 2011
Drummer software & 6 other titles	Recorded Document	V3602D794	March 25, 2011
Gibson Kids Presents	Sound Recording	SRu000205013	February 26, 1991
Gibson Guitars: 100 years of an American Icon	Text	TX0004178780	September 20, 1995
Gibson Kids sample curriculum: grade pre-kindergarten - sixth November 1990	Text	TXu000463937	April 3, 1991

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
Gibson Brands, Inc.	07/31/2013

RECEIVING PARTY DATA

Name:	Wells Fargo Bank, National Association as Collateral Agent
Street Address:	625 Marquette Avenue
Internal Address:	Corp. Trust Services MAC N9311-110
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55479

PROPERTY NUMBERS Total: 122

Property Type	Number
Application Number:	29090389
Application Number:	29095410
Application Number:	29109968
Application Number:	29158710
Application Number:	29158703
Application Number:	29158701
Application Number:	29158702
Application Number:	29158708
Application Number:	29158439
Application Number:	29158436
Application Number:	29158513
Application Number:	29158493
Application Number:	29168407
Application Number:	29158711

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Application Number:	29158320
Application Number:	29158382
Application Number:	29158354
Application Number:	29158771
Application Number:	29174230
Application Number:	29186416
Application Number:	29186415
Application Number:	29196926
Application Number:	29196929
Application Number:	29208423
Application Number:	29221505
Application Number:	29294469
Application Number:	29294472
Application Number:	29301036
Application Number:	29294491
Application Number:	29294367
Application Number:	29294362
Application Number:	29294490
Application Number:	29307591
Application Number:	29320845
Application Number:	29315186
Application Number:	29393788
Application Number:	29378066
Application Number:	29404558
Application Number:	29196928
Application Number:	61731026
Application Number:	61755192
Application Number:	61831081
Application Number:	11760384
Application Number:	12661328
Application Number:	13882193
Application Number:	13882177
Application Number:	13882173
Application Number:	13847367
Application Number:	13882172

	13882175
Application Number:	10044336
Application Number:	10116887
Application Number:	11223778
Application Number:	09430433
Application Number:	12079970
Application Number:	08701891
Application Number:	09383715
Application Number:	10657477
Application Number:	08368744
Application Number:	10404022
Application Number:	10406821
Application Number:	08889232
Application Number:	09461530
Application Number:	11170594
Application Number:	08250045
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Application Number:	10657462
Application Number:	10657791
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Application Number:	08771112
Application Number:	10404006
Application Number:	08677764
Application Number:	08676968
Application Number:	10339372
Application Number:	08782456
Application Number:	11620200
Application Number:	10405983
Application Number:	10657769
Application Number:	10338805
Application Number:	09045072
Application Number:	12075994
Application Number:	10406620
Application Number:	11330711

	11330712
Application Number:	09667911
Application Number:	10403529
Application Number:	10407817
Application Number:	10407811
Application Number:	11322029
Application Number:	09972340
Application Number:	10442688
Application Number:	11776444
Application Number:	09759302
Application Number:	10790441
Application Number:	09098924
Application Number:	10862942
Application Number:	10139442
Application Number:	08781729
Application Number:	08283627
Application Number:	09559569
Application Number:	12218419
Application Number:	10117164
Application Number:	12220759
Application Number:	08740018
Application Number:	09173605
Application Number:	08889235
Application Number:	11118668
Application Number:	09258953
Application Number:	09112050
Application Number:	10606530
Application Number:	12558469
Application Number:	11776767
Application Number:	11776797
Application Number:	11776783
Application Number:	09557560
Application Number:	09995405
Application Number:	10694710
Application Number:	12456975

	11586903
Application Number:	12629053
Application Number:	10382282

CORRESPONDENCE DATA

Fax Number: 2123548113
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 212-819-2000
Email: iprecordations@whitecase.com
Correspondent Name: James Maewsky/White & Case LLP
Address Line 1: 1155 Avenue of the Americas
Address Line 2: Patent & Trademark Department
Address Line 4: New York, NEW YORK 10036

ATTORNEY DOCKET NUMBER:	1155732-0263 (D663)
NAME OF SUBMITTER:	James Maewsky
Signature:	/James Maewsky/
Date:	08/01/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 53
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "***IP Security Agreement***") dated July 31, 2013, is made by the Persons listed on the signature pages hereof (collectively, the "***Grantors***") in favor of WELLS FARGO BANK, NATIONAL ASSOCIATION, as collateral agent (the "***Collateral Agent***") for the Secured Parties (as defined in the Security Agreement referred to below).

WHEREAS, GIBSON BRANDS, INC., a Delaware corporation ("***Issuer***") and the Guarantors party thereto have entered into a Indenture dated as of July 31, 2013 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "***Indenture***"), with the Collateral Agent, the Holders party thereto from time to time, and the guarantors party thereto from time to time.

WHEREAS, as a condition precedent to the issuance and purchase of the Notes under the Indenture Documents, each Grantor has executed and delivered that certain Pledge and Security Agreement dated July 31, 2013, made by the Grantors to the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the "***Security Agreement***"). Terms defined in the Security Agreement and not otherwise defined herein are used herein as defined in the Security Agreement.

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

SECTION 1. Grant of Security. Each Grantor hereby grants to the Collateral Agent for the ratable benefit of the Secured Parties a security interest in all of such Grantor's right, title and interest in and to the following (the "***Collateral***"):

(i) all patents, patent applications, utility models and statutory invention registrations, together with all inventions claimed or disclosed therein, and all improvements thereto, including the patents and patent applications set forth in Schedule A hereto (the "***Patents***");

(ii) all trademarks, service marks, domain names, trade dress, logos, designs, slogans, trade names, business names, fictitious business names, corporate names, certification marks, collective marks, and other source identifiers, whether registered or unregistered, including the trademark and service mark registrations and applications set forth in Schedule B hereto (provided that no security interest shall be granted in any United States intent-to-use trademark application for registration of a trademark filed pursuant to Section 1(b) of the Lanham Act, 15 U.S.C. § 1051, prior to the filing of a "Statement of Use" pursuant to Section

1(d) of the Lanham Act or an "Amendment to Allege Use" pursuant to Section 1(c) of the Lanham Act with respect thereto, solely to the extent that and solely during the period in which the grant of a security interest therein would impair the validity or enforceability of any registration that issues from such intent-to-use trademark application under applicable federal law), together, in each case, with the goodwill symbolized thereby (the "***Trademarks***");

(iii) all copyrights (whether or not the underlying works of authorship have been published), including, without limitation, copyrights in Computer Software (as defined in the Security Agreement), internet web sites and the content thereof, whether registered or unregistered, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth in Schedule C hereto (the "***Copyrights***");

(iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing.

SECTION 2. Security for Obligations. The grant of a security interest in the Collateral by each Grantor under this IP Security Agreement secures the payment of all Obligations of such Grantor now or hereafter existing under or in respect of the Notes Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, the security interest created under this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Obligations and that would be owed by such Grantor to any Secured Party under the Notes Documents but for the fact that such Obligations are unenforceable or not allowable due to the existence of a bankruptcy, reorganization or similar proceeding involving an Obligor.

SECTION 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this IP Security Agreement.

SECTION 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights, protections, immunities and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

SECTION 6. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

SECTION 7. Intercreditor Agreement. **Reference is made to the Intercreditor Agreement, dated as of July 31, 2013, among Bank of America, N.A., as ABL Agent; Wells Fargo Bank, National Association, as Trustee, Collateral Agent and Initial Notes Agent; Gibson Brands, Inc. and the other subsidiaries of Gibson Brands, Inc. named therein (the "*Intercreditor Agreement*"). Each Person that is secured hereunder, by accepting the benefits of the security provided hereby, (i) consents (or is deemed to consent), to the subordination of Liens provided for in the Intercreditor Agreement, (ii) agrees (or is deemed to agree) that it will be bound by, and will take no actions contrary to, the provisions of the Intercreditor Agreement, (iii) authorizes (or is deemed to authorize) the ABL Agent on behalf of such Person to enter into, and perform under, the Intercreditor Agreement and (iv) acknowledges (or is deemed to acknowledge) that a copy of the Intercreditor Agreement was delivered, or made available, to such Person.**

Notwithstanding any other provision contained herein, this Agreement, the Liens created hereby and the rights, remedies, duties and obligations provided for herein are subject in all respects to the provisions of the Intercreditor Agreement and, to the extent provided therein, the applicable ABL Security Documents and Notes Security Documents. In the event of any conflict or inconsistency between the provisions of this Agreement and the Intercreditor Agreement, the provisions of the Intercreditor Agreement shall control.

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IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

GIBSON BRANDS, INC. (FKA GIBSON GUITAR CORP.)

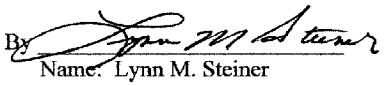
By: _____
Name: Bruce Mitchell
Title: Executive Vice President, General Counsel and Secretary

Address for Notices:

309 Plus Park Boulevard
Nashville, TN 37217

Accepted and Agreed to:

WELLS FARGO BANK, NATIONAL ASSOCIATION, as Collateral Agent

By: 
Name: Lynn M. Steiner
Title: Vice President

Address for Notices:
Wells Fargo Bank, National Association
Corporate Trust Services
MAC N9311-110
625 Marquette Avenue
Minneapolis, MN 55479
Attention: Gibson Brands Inc. Account Manager

Gibson Brands, Inc.

Patents, Copyrights, Trademark, Trade Name and Service Marks

Patents

US Design Patents
US Provisional Patents
US Utility Patents
Foreign Patents (Pending and Registered)

Trademarks

US Trademarks
Foreign Trademarks

Copyrights

US Copyrights

SCHEDULE A

Gibson Brands, Inc. U.S. Patents
Design Patents
(Registered)

No.	TITLE	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE
1.	Classical Guitar Peg Head	29090389	D412522	7/8/98	8/3/99
2.	Portable Amplifier	29095410	D420665	10/22/98	2/15/00
3.	Desktop Speaker Design (DV DEMON)	29109968	D432115	8/26/99	10/15/00
4.	Subwoofer Speaker	29158710	D468292	4/8/02	1/7/03
5.	Single Three Way Speaker	29158703	D468725	4/8/02	1/14/03
6.	Stage Monitor Speaker	29158701	D468724	4/8/01	1/14/03
7.	Dual Three Way Speaker	29158702	D469424	4/8/02	1/28/03
8.	Single Two Way Speaker	29158708	D473212	4/8/02	4/15/03
9.	Access Door of Rack-Mounted Audio Equipment	29158439	D473543	4/3/02	4/22/03
10.	Air Inlet of Rack-Mounted Audio Equipment	29158436	D473542	4/3/02	4/22/03
11.	Forward Panel for an Audio Console	29158513	D473552	4/4/02	4/22/03
12.	Front Panel for an Audio Console	29158493	D473551	4/4/02	4/22/03

No.	TITLE	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE
13.	Louvered Front Panel of Rack Mounted Audio Equipment	29168407	D473538	10/1/02	4/22/03
14.	Mixer Board	29158711	D473544	4/8/02	4/22/03
15.	Rack Mounted Audio Equipment	29158320	D473536	4/3/02	4/22/03
16.	Rear Panel of Rack-Mounted Audio Equipment	29158382	D473553	4/3/02	4/22/03
17.	Front Panel of Rack-Mounted Audio Equipment	29158354	D473854	4/3/02	4/29/03
18.	Audio Effects Controller	29158771	D476972	4/10/2002	7/8/2003
19.	Guitar Fingerboard Inlay	29174230	D480415	1/14/03	10/7/03
20.	Guitar Headpiece	29186416	D496386	7/15/03	9/21/04
21.	Guitar Tuner	29186415	D496385	7/15/03	9/21/04
22.	Speaker	29196926	D496348	1/7/04	9/21/04
23.	Desktop Audio Recording and Playback System	29196929	D508477	1/8/04	8/16/05
24.	Front Panel for an Electronic Component	29208423	D512419	6/28/04	12/06/05
25.	Guitar Body	29221505	D548771	1/17/05	08/14/07
26.	Mixer	29294469	D578513	1/11/2008	10/14/2008
27.	Mixer Deck	29294472	D578514	1/11/2008	10/14/2008
28.	Audio Processing Apparatus (Ergo)	29301036	D581393	2/7/2008	11/25/2008
29.	Speaker (CVA-121/118)	29294491	D585422	1/14/2008	1/27/2009
30.	Audio Speaker (E8B)	29294367	D588105	1/8/2008	3/10/2009
31.	Speaker (VXT)	29294362	D589494	1/8/2008	3/31/2009
32.	Audio Speaker (CVA-28)	29294490	D592183	1/14/2008	5/12/2009
33.	Speaker (Rokit)	29307591	D602470	4/29/2008	10/20/2009
34.	Curved Grill Speaker	29320845	D606042	7/7/2008	12/15/2009
35.	Disc Jockey Controller	29315186	D628981	6/3/2009	12/14/2010
36.	Audio Speaker (RP10-3)	29393788	D657777	6/9/2011	4/17/2012
37.	Wireless Electric Guitar – (FIREBIRD X)	29378066	D659183	10/28/2010	8/21/2012
38.	Disc Jockey Controller	29404558	D665778	10/21/2011	8/21/2012
39.	Console audio recording and playback system	29196928	D506741	1/7/2004	6/28/2005

Gibson Guitar Corp.

U.S. Provisional Patents

No.	Title	Serial No.	Filing Date
1.	Adjustable Zero Fret And Method Of Use On A Stringed Instrument	61/731,026	11/29/2012
2.	Tempo-Adaptive Pattern Velocity Synthesis	61/755,192	1/22/2013
3.	Adjustable Dual Tensioning Tone Arm Device And Assembly	61/831,081	6/04/2013

Gibson Brands, Inc. U.S. Utility Patents
(Pending)

No.	TITLE	SERIAL NO.	FILING DATE
1.	Remote Control for Combination Compact Disc Recorder and Player System	11/760,384	6/8/07
2.	Guitar With Double Carve Soundboard	12/661,328	03/15/2010
3.	Wireless Electric Guitar	13/882,193	4/28/2013
4.	Electric Stringed Musical Instrument Standard Electronic Module Application	13/882,177	4/27/2013
5.	Low Impedance Dual Coil Bifilar Magnetic Pickup	13/882,173	4/27/2013
6.	Single Coil Parallel Tapped Magnetic Pickup	13/847,367	3/19/2013
7.	Variable Resonant Bifilar Single Coil Magnetic Pickup	13/882,172	4/27/2013
8.	Wireless Foot-Operated Effects Pedal for Electric Stringed Musical Instrument	13/882,175	4/27/2013

Gibson Guitar Corp.
Utility Patents
(Registered)

No.	TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
1.	Acoustic Guitar With Integral Pickup Mount	10044336	6689943	1/11/02	2/10/04
2.	Amplifier with Variable Power Factor	10116887	6621253	4/5/02	9/16/03
3.	Angled Pickup For Digital Guitar	11223778	7285714	9/09/05	10/23/07
4.	Apparatus & Method for De-Esser Using Adaptive Filtering Algorithms	09430433	6373953 B1	10/29/99	4/16/02
5.	Audio Magnetic Connection and Indexing Device	12079970	7828556	3/31/2008	11/9/2010

No.	TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
6.	Audio Signal Patching Mixer and Method	08701891	5757941	8/23/96	5/26/98
7.	Audio Speaker System for Personal Computer	09383715	6381335	8/25/99	4/30/02
8.	Breakout Box For Digital Guitar	10657477	7220913	9/8/03	5/22/07
9.	Bridge Saddle With Adjustable Intonation System	08368744	5602353	1/4/95	2/11/97
10.	Housing Construction for Rack-Mounted Electronic Equipment	10404022	6935709	3/31/03	8/30/05
11.	Combination Compact Disc Recorder and Player System (Digital Jukebox)	10406821	7249147	4/4/03	7/24/07
12.	Component Mount and Components For Musical Instruments	08889232	6075194	7/8/97	6/13/00
13.	Component Mount and Components For Musical Instruments	09461530	6242682	12/15/99	6/5/01
14.	Control Knob with Multi-Color Indicator	11170594	7205495	6/29/2005	4/17/2007
15.	Curved Top Solid Body Guitar	08250045	5511455	5/27/94	4/30/96
16.	Data Packet, Method, and Device of Transmitting Payload Information Within An Extendable Header	11613434	f8194665	12/20/2006	6/5/2012
17.	Digital Guitar System	10657462	7220912	9/8/03	5/22/07
18.	Digital Guitar Processing Circuit	10657791	6888057	9/8/03	5/3/05
19.	Digital Guitar System	11546059	7399918	10/11/06	7/15/08
20.	Digital Guitar System	12164513	7952014	6/30/2008	5/31/2011
21.	Digitally Controlled Analog Electric Stringed Musical Instrument and Apparatus	08771112	5866834	12/20/96	2/2/99
22.	Dual Range Horn With Acoustic Cross-Over	10404006	7392880	3/31/03	7/1/08
23.	Electric Monophonic/Stereophonic Stringed Resonator Instrument	08677764	5723804	7/10/96	3/3/98
24.	Electrical Musical Instrument Pickup System Including Switchable Series-Connected Hum-Canceling Windings	08676968	5898121	7/8/96	4/27/99
25.	Guitar Pickup Support Assembly	10339372	6849792	1/9/03	2/1/05
26.	Guitar Pickup Switching System For Three-Pickup Guitar (Epiphone Baxtercaster)	08782456	5780760	1/13/97	7/14/98
27.	Guitar Strap Lock	11620200	7888572	01/05/2007	2/15/2011
28.	Heat Dissipation System for Audio Amplifier	10405983	6853553	4/1/03	2/8/05
29.	Hex Pickup For Digital guitar	10657769	7166794	9/8/03	1/23/07
30.	Hydrophobic Polymer String Treatment	10338805	6765136	1/8/03	7/20/04
31.	Improved Suspension For High Power Pleated Ribbon Transducer	09045072	6111970	3/20/1998	8/29/2000
32.	Jukebox or Vending Machine Having a Lighting System	12075994	7628501	4/14/2008	12/08/2009
33.	Live Performance Audio Mixing System with Simplified User Interface	10406620	7742609	4/3/03	6/22/2010
34.	Locking Bridge	11330711	7459617	1/12/06	12/2/08
35.	Locking Tailpiece	11330712	7459618	1/12/06	12/2/08

No.	TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
36.	Modular Article Dispensing Unit for an Automatic Vending Machine	09667911	6390328	9/22/2000	5/21/2002
37.	Modular Construction for Speakers	10403529	6910548	3/31/03	6/28/05
38.	Multicolor Function Indicator Light	10407817	7012542	4/4/03	3/14/06
39.	Music Distribution System	10407811	7216178	4/4/03	5/8/07
40.	Music Distribution System	11322029	7222183	12/29/05	5/22/07
41.	Musical Instrument Digital Recording Device With Communications Interface	09972340	6605769	10/5/01	8/12/03
42.	Musical Instrument Direct Recording and Playback Device	10442688	6894214	5/21/03	5/17/05
43.	Musical Instrument Sloped Neck Joint	11776444	7838750	7/11/07	11/23/2010
44.	Neck Block System for Acoustic Stringed Instruments	09759302	6350939	1/16/2001	2/26/2002
45.	Optical Navigation System for Rotary Control Based Non-Contact Controller	10790441	7763843	3/1/2004	7/27/2010
46.	Package For Musical Instrument Strings	09098924	5957282	6/17/98	9/28/99
47.	Phonographic Turntable with Built-In Audio to USB or FireWire Device	10862942	7567498	6/8/2004	7/28/2009
48.	Phonographic Turntable with MIDI Output	10139442	6818815	5/6/2002	11/16/2004
49.	Pickup For Stringed Musical Instrument	08781729	5792973	1/10/97	8/11/98
50.	Piezo Electric Pickup With Adjustable String Output	08283627	5455381	9/21/94	10/3/95
51.	Polyphonic Guitar Pickup for Sensing String Vibrations in two Mutually Perpendicular Planes	09559569	6392137 B1	4/27/00	5/21/02
52.	Position Sensitive Rotatable DJ Control Device	12218419	8110734	7/15/2008	2/7/2012
53.	Power Supply Regulation And Protection Circuit For Audio Power Amplifier	10117164	6611169	4/5/02	8/26/03
54.	Rotary Control Device for Manipulating Digital Audio Signals	12220759	8153883	6/28/2008	4/10/2012
55.	Single Coil Electric Guitar Pickup with Humbucking-Sized Housing	08740018	5894101	10/23/96	4/13/99
56.	Single Coil Electric Guitar Pickup with Humbucking-Sized Housing	09173605	6372976	10/16/98	4/16/02
57.	Sound Production Apparatus	08889235	6111968	7/8/97	8/29/00
58.	Speaker System With Built-In Storage Of Satellite Speakers	11118668	7602934	4/29/2005	10/13/2009
59.	Stringed Musical Instrument and Method of Manufacturing Same (Fret Spacing)	09258953	6069306	3/1/99	5/30/00
60.	System & Method for Generating & Controlling a Simulated Musical Concert Experience	09112050	5990405	7/8/98	11/23/99
61.	System and Method For Protecting An Audio Amplifier Output Stage Power Transistor	10606530	7061740	6/26/03	6/13/06
62.	Touch Pad Disc Dockey Controller	12558469	8362349	9/11/2009	1/29/2013
63.	Tremolo Mechanism for a Stringed Musical Instrument with Angled Saddle Rollers	11776767	7960630	7/12/2007	7/14/2011

No.	TITLE	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE
64.	Tremolo Mechanism for a Stringed Musical Instrument with Cam Actuated Lock	11776797	7888571	7/12/07	2/15/2011
65.	Tremolo Mechanism for a Stringed Musical Instrument with Pivoting String Anchor	11776783	8017844	7/12/2007	9/13/2011
66.	Universal Communications and Control System for Amplified Musical Instruments	09557560	6353169	4/25/00	3/5/02
67.	Universal Digital Media Communications and Control System and Method	09995405	6686530	11/27/01	2/3/04
68.	Universal Digital Media Communications and Control System and Method	10694710	7420112	10/28/03	9/2/08
69.	Variable Slippage Control for a Disc Jockey Control Surface	12456975	7928313	6/25/2009	4/19/2011
70.	Variable Slippage Control for a Disc Jockey Control Surface	11586903	7566827	10/26/2006	7/28/2009
71.	Variable Slippage Control for a Disc Jockey Control Surface (continuation)	12629053	8053660	12/2/2009	11/8/2011
72.	Cabinet for Displaying Stringed Musical Instruments	10382282	6685283	3/5/03	2/3/04

Gibson Brands, Inc. Foreign Patents

No.	Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
1.	Apparatus And Method For De-Esser Using Adaptive Filtering Algorithms	Canada	2321225	2321225	Unknown	4/26/05
2.	Neck Block System For Acoustic Stringed Instruments	Canada	2367627	2367627	01/15/02	0/27/2010
3.	Universal Communications And Control System For Amplified Musical Instruments	Canada	2306506	2306506	4/25/00	10/31/06
4.	Guitar Tuner	China	200430002154.1	Cn3420167	1/30/04	1/30/04
5.	Guitar Tuner	China	200430002155.6	Cn3449535	1/30/04	1/30/04
6.	Wireless Electric Guitar – Firebird X	China	201130102755.X	ZI201130102755.X	4/28/2011	2/1/2012
7.	Electric Stringed Musical Instrument Standard Electronic Module Application	EPO	11837223.4	---	4/28/2013	---
8.	Low Impedance Dual Coil Bifilar Magnetic Pickup	EPO	11837134.3	---	4/28/2013	---
9.	Variable Resonant Bifilar Single Coil Pickup	EPO	11837135.0	---	4/28/2013	---
10.	Wireless Electric Guitar	EPO	11837136.8	---	4/28/2013	---
11.	Wireless Foot Operated Effects Pedal For Electric Stringed Musical Instrument	EPO	11837233.3	---	4/28/2013	---
12.	Angled Pickup For Digital Guitar	EPO	20060802933	Ep 1922715	09/01/06	---
13.	Audio Speaker System For Personal Computer	EPO	00959461.5	Ep1206896	2/18/02	Unknown
14.	Music Distribution System	EPO	047588ED05.8	Ep1611526	04/02/04	---
15.	Musical Instrument Digital Recording Device With Communications Interface	EPO	11158155	Ep2365482	3/4/2011	10/10/2011
16.	Musical Instrument Direct Recording And Playback Device	EPO	00944882.0	Ep1216471	6/22/2000	---
17.	Polyphonic Guitar Pickup For Sensing String Vibrations In Two Mutually Perpendicular Planes	EPO	01928584.0	Ep1277199	10/23/02	---
18.	Tremolo Mechanism For A Stringed Musical Instrument With Angled Saddle Rollers	EPO	20080743453	Ep2135236	03/23/07	Unknown
19.	Universal Communications System And Control System And Method	EPO	00926351.8	Ep1183678	4/25/2000	Unknown

No.	Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
20.	User Interface For A Combination Compact Disc Recorder And Player System	EPO	20050704950	Ep 1789864	01/04/05	Unknown
21.	Tremolo Mechanism For A Stringed Musical Instrument With Cam Actuated Lock	France	20080729881	Ep2140444	03/23/07	11/28/2012
22.	Tremolo Mechanism For A Stringed Musical Instrument With Pivoting String Anchor	France	20080729818	Ep2135235	2/14/2008	11/28/2012
23.	Acoustic Guitar With Integral Pickup Mount	France	02709062.0	Ep1449199	1/17/2002	---
24.	Combination Compact Disc Recorder And Player System	France	04758806.6	Ep1611505	4/2/2004	8/8/2011
25.	Hydrophobic Polymer String Treatment	France	20030705745	Ep1466314	1/14/2003	---
26.	Musical Instrument Sloped Neck Joint	France	08729765.1	Ep2137719	2/13/2008	---
27.	Piano Action With Articulated Jack	France	01 916 707.1	Ep1287519	3/16/2001	5/25/2011
28.	Tremolo Mechanism For A Stringed Musical Instrument With Cam Actuated Lock	Germany	08729881.6-1240	Ep2140444		11/28/2012
29.	Tremolo Mechanism For A Stringed Musical Instrument With Pivoting String Anchor	Germany	60 2008 020 415.4	EP2135235	2/14/2008	11/28/2012
30.	Acoustic Guitar Body	Germany	40503320-1	40503320-1	6/28/2005	8/26/2005
31.	Acoustic Guitar With Integral Pickup Mount	Germany	60233066.1	Ep1449199	1/17/2002	---
32.	Acoustical Guitar Body; Electric Guitar Body (Sg Design); Guitar Pick Guard; Guitar Bridge	Germany	M9706075.5	M 97 06 075.5	6/28/97	10/15/97
33.	Articulated Fingerboard For A Stringed Musical Instrument	Germany	P4400856.2	Unknown	1/14/94	Unknown
34.	Bass Drum And Auxiliary Drum Mounting Unit Combination	Germany	M9609875.9	M9609875.9	11/13/96	3/6/97
35.	Combination Compact Disc Recorder And Player System	Germany	602004034231.9	Ep1611505	4/2/2004	8/8/2011
36.	Console Audio Recording And Playback System	Germany	40403443-8	40403443	6/3/2004	9/20/2004
37.	Dv Demon Design	Germany	40001687.7	400 01 687.7	2/12/00	4/11/00
38.	Guitar Body Design (Es-336); Guitar Body Design (Leland Sklar Bass)	Germany	M9604398.9	M9604398.9	5/20/96	11/6/96
39.	Guitar Body Design (M-Iii)	Germany	M 9104831.1	M9104831.1	7/15/91	Unknown
40.	Guitar Pickup System For Selecting From Multiple Tonalities	Germany	P44 00376	44 00376	1/8/94	11/14/2002
41.	Hydrophobic Polymer String Treatment	Germany	60312124.1	Ep1466314	1/14/2003	---

No.	Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
42.	Information Display Device For Music Box	Germany	De19961022220	De19622220	6/3/1996	12/4/1997
43.	Musical Instrument Sloped Neck Joint	Germany	602008014607.3	Ep2137719	2/13/2008	---
44.	Piano Action With Articulated Jack	Germany	601 44 694.1	Ep1287519	3/16/2001	5/25/2011
45.	Portable Amplifier	Germany	49903652.2	49903652.2	4/13/99	9/7/99
46.	Rack Mounted Audio Equipment	Germany	40208262.1	40208262.1	9/27/02	1/17/03
47.	Stringed Musical Instrument And Methods Of Manufacturing Same	Germany	100 84 334.4	10084334.4-51	9/25/01	Unknown
48.	Wireless Electric Guitar – Firebird X	Germany	40 2011 002 257.5	40 2011 002 257.5	4/27/2011	7/14/2011
49.	Hydrophobic Polymer String Treatment – Contracting State	Italy	20030705745	Ep1466314	1/14/2003	---
50.	Articulated Fingerboard For A Stringed Musical Instrument	Japan	19940013073	3850455	1/12/94	11/29/2006
51.	Bass Drum And Auxiliary Drum Mounting Unit Combination	Japan	08-0375,406	1027294	11/25/96	10/2/98
52.	Console Audio Recording And Playback System	Japan	2004-018518	1239227	6/22/04	3/25/05
53.	Dv Demon	Japan	2000-002780	1098652	11/17/00	Unknown
54.	Electric Guitar Body (Epi)	Japan	11-000208	1155731	1/7/99	8/23/02
55.	Fader Board Design (For Umx)	Japan	2002-027127	1179534	10/3/02	5/23/03
56.	Guitar Fingerboard Inlay	Japan	2003-020304	1200195	Unknown	2/6/04
57.	Guitar Headstock	Japan	08-035408	1050789	11/25/96	6/25/99
58.	Polyphonic Guitar Pickup For Sensing String Vibrations In Two Mutually Perpendicular Planes	Japan	2001-581267	3851169	4/17/01	11/29/06
59.	Portable Amplifier	Japan	11-10407	1074092	4/22/99	3/24/00
60.	Rack Mounted Audio Equipment	Japan	2002-027133	1179535	10/3/02	5/23/03
61.	Single Three Way Speaker	Japan	2002-027131	1185742	Unknown	8/1/03
62.	Single Two Way Speaker	Japan	2002-027130	1185845	Unknown	8/1/03
63.	Stringed Musical Instrument And Method Of Manufacturing Same (Fret Spacing)	Japan	2000-603019	3703393	1/28/00	10/05/2005
64.	Angled Pickup for Digital Guitar	Japan	2012-090016	---		---
65.	Musical Instrument Transducer Cavity/"BIG BLOCK PICKUP"	PCT	PCT/US2013/22333	---	1/20/2013	---

No.	Title	Country	Serial No.	Issue No.	Filing Date	Issue Date
66.	Audio Processing Apparatus/Mixers/Deck/ Speakers	Rcd (Eu)	000928205-001-004	928205-001-004	Feb 5 2008	928205-001
67.	Tremolo Mechanism For A Stringed Musical Instrument With Cam Actuated Lock	Spain	20080729881	Ep2140444	2/14/2008	11/28/2012
68.	Tremolo Mechanism For A Stringed Musical Instrument With Pivoting String Anchor	Spain	20080729818	EP2135235	2/14/2008	11/28/2012
69.	Acoustic Guitar With Integral Pickup Mount	Spain	02709062.0	Ep1449199	1/17/2002	---
70.	Combination Compact Disc Recorder And Player System	Spain	04758806.6	Ep1611505	4/2/2004	8/8/2011
71.	Piano Action With Articulated Jack	Spain	01 916 707.1	Ep1287519	3/16/2001	5/25/2011
72.	Wireless Electric Guitar – Firebird X	Taiwan	100302044	D144792	4/28/2011	1/1/2012
73.	Acoustic Guitar With Integral Pickup Mount	Turkey	02709062.0	Ep1449199	1/17/2002	---
74.	Tremolo Mechanism For A Stringed Musical Instrument With Cam Actuated Lock	United Kingdom	20080729881	Ep2140444	2/14/2008	11/28/2012
75.	Tremolo Mechanism For A Stringed Musical Instrument With Pivoting String Anchor	United Kingdom	20080729818	EP2135235	2/14/2008	11/28/2012
76.	Combination Compact Disc Recorder And Player System	United Kingdom	04758806.6	Ep1611505	4/2/2004	8/8/2011
77.	Hydrophobic Polymer String Treatment	United Kingdom	20030705745	Ep1466314	1/14/2003	---
78.	Musical Instrument Sloped Neck Joint	United Kingdom	08729765.1	Ep2137719	2/13/2008	---
79.	Acoustic Guitar	United Kingdom	3021803	3021803	7/11/2005	7/11/2005
80.	Console Audio Recording And Playback System	United Kingdom	3017952	3017952	7/5/04	10/25/04
81.	Dv Demon Design	United Kingdom	2090380	2090380	2/14/00	7/5/00
82.	Acoustic Guitar With Integral Pickup Mount	United Kingdom	02709062.0	Ep1449199	1/17/2002	---
83.	Piano Action With Articulated Jack	United Kingdom	01 916 707.1	Ep1287519	3/16/2001	5/25/2011

SCHEDULE B

Gibson Brands, Inc.
U.S. Trademarks
(Pending)

No.	MARK	SERIAL NO.	FILING DATE	CLASS
1.	AEOLIAN	85165845	11/1/2010	15
2.	AMPICO	85747099	10/5/2012	15
3.	BALDWIN DIRECT	85915439	4/26/2013	35
4.	BLUE RIDGE – Stylized	77952644	3/7/2010	15
5.	CABLE & design	85283932	4/1/2011	15
6.	CMI	85303257	4/25/2011	9
7.	CUSTOM DIRECT	85618719	5/7/2012	35
8.	CW	77952611	3/7/2010	15
9.	DARK FIRE	85852991	02/18/2013	9
10.	DEBUT MUSIC SYSTEMS	85278196	3/28/2011	9
11.	DIANA'S SWEET SHOPPE (word mark)	85872362	3/11/2013	35
12.	DIANA'S SWEET SHOPPE & design	77842151	10/6/09	30, 35
13.	DIANA'S SWEET SHOPPE	85953395	6/7/2013	35
14.	DUSK TIGER	77858760	10/27/09	9, 25
15.	DV DEMON	85245643	02/18/2011	9
16.	EAGLE w/GOVERNMENT SERIES (stylized)	85876149	3/14/2013	15
17.	ELLINGTON (Stylized)	85727074	9/12/2012	15
18.	FUZZ TONE	77952646	3/7/2010	15
19.	GEAR SHIFT KNOB	85144348	10/04/2010	9
20.	GIBSON – stylized (on amplifiers)	77952651	3/7/2010	9, 15
21.	GIBSON BRANDS	85941930	5/24/2013	9,15
22.	GIBSON CHALLENGER	85185903	11/29/2010	15
23.	GIBSON CLAVIOLINE	85308253	04/29/2011	15
24.	GIBSON GUITAR G SINCE 1894 (design)	85090050	07/21/2010	15
25.	GIBSON GUITARS	85941988	5/24/2013	9,15
26.	GIBSON KALAMAZOO AWARD	85185950	11/29/2010	15
27.	GIBSON TONE BALANCE	85508282	1/4/2012	9
28.	GIG-PAD	85160006	10/25/2010	9
29.	GMI	77936290	2/16/010	35
30.	GOLDTONE	85159970	10/25/2010	9
31.	GOLDEN GLOW	85844962	02/08/2013	15
32.	GOLDENTONE	85647474	6/8/2012	9,15
33.	HOMECASTER	85924992	5/7/2013	9
34.	JBOT	85043133	5/19/2010	15
35.	JUNIOR BOT	85043129	5/19/2010	15

No.	MARK	SERIAL NO.	FILING DATE	CLASS
36.	LAB SERIES	77921433	1/27/10	9
37.	LES PAUL ARTISAN	85314529	5/6/2011	15
38.	LES PAUL STEAMPUNK	85212613	01/07/2011	15
39.	MAESTRO – stylized	77952642	3/7/2010	9
40.	MAESTRO (stylized)	85735003	9/21/2012	15
41.	MAESTRO (stylized)	85737172	9/24/12	15
42.	Min-ETune	85763793	10/25/2012	15
43.	MORPHED	85199658	12/16/2010	15
44.	MOZART	85189998	12/3/2010	15
45.	MUSETTE	85670199	7/6/2012	15
46.	MY LITTLE BALDWIN	85332027	5/27/2011	15
47.	ONE MORE TIME	77959097	3/15/2010	15
48.	ONLY A GIBSON IS GOOD ENOUGH (stylized banner)	85879431	3/18/2013	15
49.	PIKO NET	85144314	10/04/2010	9
50.	PIKO NET	85144306	10/04/2010	15
51.	POLARIS	85314346	5/6/2011	15
52.	PURE ANALOG	85144317	10/04/2010	15
53.	SG	77952635	3/7/2010	9
54.	SG ZOOT SUIT	77843247	10/7/09	25
55.	STUDIO VISION	85264295	3/11/2011	9
56.	STUDIOMASTER – Currently Suspended	85108493	08/16/2010	9
57.	THE MARK SERIES	77952639	3/7/2010	15
58.	TOBIAS Peg Head Design	85901085	4/11/2013	15
59.	"T" (stylized)	85901138	4/11/2013	15
60.	TOBY	85871154	3/8/2013	15
61.	UBERCASE	85654654	6/18/2012	15
62.	ULTIMA	85314550	5/6/2011	15
63.	VARI-PITCH	77952633	3/7/2010	15
64.	VIBROLA	85314420	5/6/2011	15
65.	WURLY	85117517	08/27/2010	9
66.	YOU PLAY WE TUNE	85800801	12/12/12	15

Gibson Guitar Corp.
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(Registered)

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
1.	'57 CLASSIC	74646024	2034846	3/13/95	2/4/97	9

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
2.	"MOUSTACHE" BRIDGE DESIGN	74434478	1911282	9/13/93	8/15/95	15
3.	"TOP BELLY" BRIDGE DESIGN	75513340	2528669	7/6/98	1/8/02	15
4.	AFTERBURNER	77010825	3229039	09/29/2006	04/17/2077	9
5.	AJ	76444064	2731882	8/27/02	7/1/03	15
6.	AMERICAN MADE/WORLD PLAYED	74276985	1745731	5/19/92	1/12/93	15
7.	BANANA HEADSTOCK (PEG HEAD DESIGN)	75683631	2696053	4/16/99	3/11/03	15
8.	BILL MONROE	85272074	4151360	3/21/2011	5/29/2012	15
9.	BLUE LIGHTNING	85159979	4183874	10/25/2010	7/31/2012	15
10.	BLUES HAWK	77421079	3970910	4/13/2008	5/31/2011	15
11.	BRITE WIRES	74156177	1725491	04/11/1991	10/20/1992	15
12.	BUMBLE BEE	76491210	2898720	2/19/03	11/2/04	15
13.	BURSTBUCKER	75516439	2295545	07/09/1998	11/30/1999	9
14.	BYRDLAND	73241764	1167202	12/06/1979	09/01/1981	15
15.	CASINO	85314514	4070530	5/6/2011	12/13/2011	15
16.	CERWIN-VEGA	73082883	1072135	04/06/1976	08/30/1977	9
17.	CERWIN-VEGA!	73826555	1600526	09/20/1989	06/12/1990	9
18.	CHECK IN ROCK OUT	77356857	3951163	12/20/2007	4/26/2011	39,41,43
19.	CITATION	73037975	1027899	11/25/1974	12/23/1975	15
20.	CLASSIC MODE	75818765	2901894	10/8/99	11/9/04	15
21.	CLASSIC MODE	75818651	2901893	10/8/99	11/9/04	9
22.	CMI (STYLIZED)	73757401	1543093	10/13/1988	06/06/1989	42
23.	CORVUS	77952634	4060702	3/7/2010	11/22/2011	15
24.	CUSTOM L-5	74605068	1937145	12/01/1994	11/21/1995	15
25.	CV	77362760	3480189	01/02/2008	08/05/2008	9
26.	CV (Logo)	73082737	1060670	04/05/1976	03/08/1977	9
27.	CVA	77461022	3546535	04/29/2008	12/16/2008	9
28.	CVHD	78913517	3292297	06/21/2006	09/11/2007	9
29.	CVI	85329221	4222755	05/24/2011	10/09/2012	9
30.	DARK FIRE	77980463	3884397	11/10/2008	11/30/2010	15
31.	DAROUTER	77519672	3610243	07/10/2008	04/21/2009	9

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
32.	DASCRATCH	77270237	3547817	09/02/2007	12/16/2008	9
33.	DESIGN GUITAR BODY (MODERNE)	75531331	2633416	8/5/98	10/8/02	15
34.	DESIGN OF A GUITAR PEGHEAD	76134665	2679139	9/25/00	1/21/03	15
35.	DESIGN OF SHIELD AND DOG	76446922	2843677	9/5/02	5/18/04	15
36.	DIANA'S SWEET SHOPPE	77842078	4096566	10/6/2009	2/7/2012	30
37.	DIANA'S SWEET SHOPPE – logo	77842236	4096567	10/6/2009	2/7/2012	30
38.	DISCMASTER	77010721	3284355	09/29/2006	08/28/2007	9
39.	DJ FOR LIFE	78439147	3053406	06/22/2004	01/31/2006	9
40.	DJ LAB	77010617	3273461	09/29/2006	08/07/2007	9
41.	DJ PRO	77010636	3407442	09/29/2006	04/01/2008	9
42.	DOBRO	72394267	0950801	6/9/71	1/16/73	15
43.	DOBRO AND DESIGN	73191924	1134094	11/3/78	4/29/80	15
44.	DOT	77888765	3849669	12/8/09	09/21/2010	15
45.	DOT STUDIO	77888754	3821439	12/8/09	07/20/2010	15
46.	DOUBLE BALL	76313303	2870036	9/11/01	8/3/04	15
47.	DOVE	74605071	1931671	12/1/94	10/31/95	15
48.	DOVE & DESIGN	72352808	0898315	3/2/70	9/8/70	15
49.	DOVES IN FLIGHT	85087168	3900788	07/18/2010	01/04/2011	15
50.	DUAL-RAIL	75412214	2293467	12/30/97	11/16/99	9
51.	DUOLIAN	72400443	1009338	8/18/71	4/22/75	15
52.	DUSK TIGER	77980505	3881696	10/27/2009	11/23/2010	15
53.	E STYLIZED	74400458	1833789	6/11/93	5/3/94	15
54.	EL CAPITAN	74589498	1928040	10/24/94	10/17/95	15
55.	EPI	77941908	4035704	2/22/2010	10/4/2011	15
56.	EPIPHONE	72417439	0964189	3/6/72	7/17/73	15
57.	EPIPHONE	74591025	1957393	10/26/94	2/20/96	9,15
58.	EPIPHONE (stylized)	77952649	4129178	3/7/2010	4/17/2012	15
59.	EPIPHONE EMPEROR REGENT	85682396	4283100	7/20/2012	1/29/2013	15
60.	EPIPHONE EMPEROR SWINGSTER	85581657	4267376	3/27/2012	1/1/2013	15
61.	EPOCH	76652206	3190729	12/20/05	1/2/07	9
62.	ERGO	77010528	3418991	09/29/2006	04/29/2008	9
63.	ES	76230197	2599297	3/26/01	7/23/02	15
64.	EXPLORER	75852090	2641548	11/17/99	10/29/02	15
65.	EXPOSE'	77010022	3270998	09/28/2006	07/31/2007	9
66.	FLATIRON	74569263	1913232	9/2/94	8/22/95	15
67.	FLYING V	73343718	1216644	12/28/81	11/16/82	15

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
68.	FRETLESS WONDER	71687692	0626204	5/17/55	5/1/56	15
69.	FUTURA	77955932	4050020	3/10/2010	11/1/2011	15
70.	FV	76230199	2599298	3/26/01	7/23/02	15
71.	GENRE	76654736	3261704	2/08/06	7/10/07	9, 15
72.	GIBSON	71536891	0510594	10/6/47	6/7/49	15
73.	GIBSON	72267480	0866698	3/27/67	3/18/69	3-9-15-16
74.	GIBSON	76662606	3257493	7/05/06	7/3/07	9
75.	GIBSON	72452271	0989617	3/22/73	7/30/74	15
76.	GIBSON	73755657	1545311	10/3/88	6/27/89	15
77.	GIBSON	74511250	2177027	4/11/94	7/28/98	42
78.	GIBSON	76979088	3877181	06/29/2006	11/16/2010	9
79.	GIBSON	85291879	4052878	4/11/2011	11/8/2011	15
80.	GIBSON w/star (stylized)	77812284	4301646	8/25/2009	3/12/2013	25
81.	GIBSON CUSTOM COLLECTOR'S CHOICE	85027879	4003536	4/30/2010	7/26/2011	15
82.	GIBSON FIREBIRD	85235360	4006293	2/7/2011	8/2/2011	15
83.	GIBSON GEM	85196671	3978275	12/13/2010	6/14/2011	15
84.	GIBSON GUITAR G SINCE 1894 (design)	85090054	3914522	07/21/2010	02/01/2011	14
85.	GIBSON GUITAR G SINCE 1894 (design)	85090061	3984265	7/21/2010	6/28/2011	25
86.	GIBSON PUBLISHING COMPANY	76472129	3165573	12/4/02	10/31/06	16
87.	GIBSON PURE (stylized)	76975419	2738824	1/29/01	7/15/03	9, 15
88.	GIBSON PURE	85041802	4026861	5/18/2010	9/13/2011	15
89.	GIBSON RD	85258179	4038070	3/4/2011	10/11/2011	15
90.	G-NODE	85641786	4237861	6/3/2012	11/6/2012	9
91.	GOLDTONE	75711277	2611145	5/20/99	8/27/02	9
92.	GOTHIC MORTE	85199632	4085004	12/16/2010	1/10/2012	15
93.	GROOVEMASTER	77010903	3284357	09/29/2006	08/28/2007	9
94.	HEADJAMMER	74429598	1842807	8/30/93	7/5/94	9
95.	HEADSTOCK DESIGN	76379042	2705574	3/5/02	4/8/03	15
96.	HED	77010325	3337915	09/29/2006	11/20/2007	9
97.	HISTORIC COLLECTION	74373214	1798959	3/30/93	10/12/93	15
98.	HUMMINGBIRD	74605069	1931670	12/1/94	10/31/95	15
99.	HUMMINGBIRD (Stylized)	77952643	4032308	3/7/2010	9/27/2011	15
100.	INSPIRED BY	76655601	3330156	2/24/06	11/6/07	15

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
101.	J-200	77955929	3863734	3/10/2010	10/19/2010	15
102.	J-45	76097990	2482205	7/27/00	8/28/01	15
103.	J-50	76097992	2482206	7/27/00	8/28/01	15
104.	KRAMER	74460897	1888387	11/22/93	4/11/95	15
105.	KRK	74489162	1897394	2/14/1994	1/6/1995	9
106.	LEGRAND	74454165	1866940	11/4/93	12/13/94	15
107.	LES PAUL	72360329	0918934	5/20/70	8/24/71	15
108.	LES PAUL	73755647	1539282	10/3/88	5/16/89	15
109.	LOUD IS BEAUTIFUL…IF ITS CLEAN	73327026	1228286	09/08/1981	02/22/1983	9
110.	LPX	85078959	4361707	7/6/2010	7/2/2013	15
111.	MAESTRO	76316231	2624578	9/24/01	9/24/02	9,15
112.	MAESTRO	76978291	3165811	5/17/05	10/31/06	15
113.	MAESTRO & DESIGN	71364046	0328690	4/22/35	10/1/35	9
114.	MAGIC	76304596	2684617	8/24/01	2/4/03	42
115.	MAGNUM	73438909	1322068	8/11/83	2/26/85	15
116.	MAP GUITAR DESIGN	73489155	1391541	7/9/84	4/29/86	15
117.	MASTERBILT	76636841	3175839	4/22/05	11/28/06	15
118.	MELODY MAKER	85314366	4076671	5/6/2011	12/27/2011	15
119.	MISCELLANEOUS DESIGN – FLOWER URN PEG HEAD INLAY	73018506	1008797	04/11/1974	04/15/1975	15
120.	MISCELLANEOUS DESIGN – “PINEAPPLE” PEG HEAD INLAY	73018507	1008798	04/11/1974	04/15/1975	15
121.	MISCELLANEOUS DESIGN – “SPLIT DIAMOND” PEG HEAD INLAY	73018508	1008799	04/11/1974	04/15/1975	15
122.	MISCELLANEOUS DESIGN – LES PAUL PEG HEAD	73019795	1020485	04/25/1974	09/16/1975	15
123.	MISCELLANEOUS DESIGN – BELL SHAPED TRUSS ROD COVER	73016410	1022637	03/20/1974	10/14/1975	15
124.	MISCELLANEOUS DESIGN – STEINBERGER “BROOM” BODY	73426310	1394829	05/17/1983	05/27/1986	15
125.	MISCELLANEOUS DESIGN – “KRAMER” PEG HEAD	73755644	1567052	10/03/1988	11/21/1989	15

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
126.	MISCELLANEOUS DESIGN – LES PAUL BODY	73675665	1782606	07/31/1987	07/20/1993	15
127.	MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD, REVERSER DIRECTION	74321784	1934543	10/13/1992	11/14/1995	15
128.	MISCELLANEOUS DESIGN - ES GUITAR	74570029	2007277	09/06/1994	10/08/1996	15
129.	MISCELLANEOUS DESIGN – PEG HEAD DESIGN	74611857	2016857	12/16/1994	11/19/1996	15
130.	MISCELLANEOUS DESIGN – FLYING V GUITAR	74570030	2051790	09/06/1994	04/15/1997	15
131.	MISCELLANEOUS DESIGN – EXPLORER BODY	74570078	2053805	09/06/1994	04/22/1997	15
132.	MISCELLANEOUS DESIGN – "EYE" PEG HEAD INLAY	75140268	2150184	07/26/1996	04/14/1998	15
133.	MISCELLANEOUS DESIGN – SG GUITAR	75272182	2215791	04/10/1997	01/05/1999	15
134.	MISCELLANEOUS DESIGN – EPI PEG HEAD	75513343	2367539	07/06/1998	07/18/2000	15
135.	MISCELLANEOUS DESIGN – PICK GUARD	75513344	2501101	07/06/1998	10/23/2001	15
136.	MISCELLANEOUS DESIGN OF GUITAR BODY (Les Paul Jr.)	76521735	2885394	6/10/03	9/14/04	15
137.	MISCELLANEOUS DESIGN – ZV GUITAR BODY DESIGN	77395289	3604623	02/12/2008	04/07/2009	15
138.	MISCELLANEOUS DESIGN – CUSTOM L-5 BELL SHAPED TRUSS COVER	77939916	3863258	2/19/2010	10/19/2010	15
139.	MISCELLANEOUS DESIGN – DOVES IN FLIGHT PEG HEAD DESIGN	85087308	3900789	07/19/2010	01/04/2011	15
140.	MISCELLANEOUS DESIGN – DOVE BRIDGE DESIGN	85087172	3908146	07/18/2010	01/18/2011	15

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
141.	MISCELLANEOUS DESIGN – DOVES IN FLIGHT PICK GUARD	85087174	3908147	07/18/2010	01/18/2011	15
142.	MISCELLANEOUS DESIGN – FLYING V PEG HEAD	85216721	3976202	1/13/2011	6/7/2011	15
143.	MISCELLANEOUS GUITAR BODY DESIGN – CORVUS GUITAR	85087171	3979769	7/18/2010	6/14/2011	15
144.	MISCELLANEOUS GUITAR BODY DESIGN – Thunderbird/Firebird	85218173	4107670	1/14/2011	3/6/2012	15
145.	MO'BABY GUITAR DESIGN	77391405	3607851	2/7/08	3/14/09	15
146.	MODERNE	77383144	3588609	1/29/08	3/10/09	15
147.	MUSICYO.COM	76109859	2485085	8/15/00	9/4/01	35
148.	NIGHTHAWK	77383132	3588608	1/29/2008	3/10/2009	15
149.	OB LOGO (MISCELLANEOUS DESIGN)	76667316	3886498	10/11/06	12/07/2010	15
150.	OBERHEIM	77616105	3756653	11/17/08	03/09/2010	9, 15
151.	OMS	76668424	3811204	11/02/06	6/29/2010	9
152.	ONE MORE TIME	77959123	4042789	3/15/2010	10/18/2011	15
153.	OPCODE	76669391	3877154	11/22/06	11/16/2010	9
154.	ORIGINAL HOUND DOG	76446921	2867454	9/5/02	7/27/04	15
155.	PC	72000441	0640953	01/10/1956	02/05/1957	9
156.	PICKERING	72000440	0640952	01/10/1956	02/05/1957	9
157.	POWER LINES	74156217	1677559	4/11/91	3/3/92	15
158.	PROPHECY	85314393	4070521	5/6/2011	12/13/2011	15
159.	PURE ANALOG	85144324	4250570	10/4/2010	11/27/2012	9
160.	PURE	76201276	2644117	1/29/01	10/29/02	15
161.	PUREVOICE	85810998	4342751	12/27/2012	5/28/2013	
162.	QUAD-RAIL	75412208	2298816	12/30/97	12/7/99	9
163.	QUICK CONNECT	85315357	4343091	5/9/2011	5/28/2013	9
164.	RADIO KING	76458774	2948976	10/17/02	5/10/05	15
165.	RIPPER	77952631	3952189	3/7/2010	4/26/2011	15
166.	ROAD WORN	77818503	3933346	9/2/09	3/22/2011	15
167.	ROBOT GUITAR	77330243	3599554	11/15/07	3/31/09	15
168.	ROBOT TUNERS	85759876	4350172	10/22/2012	6/11/2013	15
169.	ROKIT	77010046	3421198	9/28/2006	05/06/2008	9
170.	S (Design Mark)	72403557	0987247	09/24/1971	07/02/1974	9
171.	S-G	73072312	1045872	12/19/75	8/10/76	15

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
172.	SAVANT	76652210	3254454	12/20/05	6/26/07	15
173.	SC SYSTEMS	77340315	3544747	11/29/2007	12/09/2008	9
174.	SCS	77461795	3617301	04/30/2008	05/05/2009	9
175.	SDS	85352783	4080246	06/22/2011	01/03/2012	9
176.	SG	85096534	3931128	7/30/2010	3/15/2011	15
177.	SHARK FIN	77888852	3821451	12/8/09	7/20/2010	15
178.	SJ	76444063	2731881	8/27/02	7/1/03	15
179.	SLINGERLAND	71679499	0615793	1/5/55	11/8/55	15
180.	SPIRIT	75138572	2273225	7/23/96	8/31/99	15
181.	STANTON	77028025	3322401	10/24/2006	10/30/2007	9
182.	STANTON (stylized)	78486020	3163663	09/20/2004	10/24/2006	9
183.	STANTOUCH	77519675	3607483	07/10/2008	04/14/2009	9
184.	STEINBERGER	73433553	1441155	7/7/83	6/2/87	15
185.	STEREO & DESIGN	72352957	0905145	3/3/70	12/29/70	15
186.	STRIKER	77878711	3976407	11/23/2009	6/14/2011	15
187.	STROKER	74428678	1915796	08/19/1993	08/29/1995	9
188.	STROKER PRO	77010864	3232292	09/29/2006	04/24/2007	9
189.	STUDIO KING	75138574	2135333	7/23/96	2/10/98	15
190.	STYLIZED DESIGN – DOVE PICK GUARD	77954811	3892469	3/9/2010	12/21/2010	15
191.	STYLIZED DESIGN – HUMMINGBIRD PICK GUARD	77954798	3889103	3/9/2010	12/14/2010	15
192.	STYLIZED DESIGN – J-200 PICK GUARD	77954813	3892470	3/9/2010	12/21/2010	15
193.	TALENT	76652212	3200174	12/20/05	1/23/07	15
194.	TENNESSEAN	77890230	3846555	12/10/09	09/07/2010	15
195.	THE LOUD SPEAKER COMPANY	77156858	3542484	04/14/2007	12/09/2008	9
196.	THE ORVILLE	76670274	3281370	12/13/2006	08/21/2007	15
197.	THE PAUL	73195443	1147147	3/12/79	2/17/81	15
198.	THUNDERBIRD	85158950	3989004	10/22/2010	7/5/2011	15
199.	TITAN	76648382	3807374	10/13/05	06/22/2010	9
200.	TOBIAS	74519843	1885979	5/3/94	3/28/95	15
201.	TOUR WEAR	74321337	1815966	10/9/92	1/11/94	25
202.	TRACKMASTER	77362768	3495294	01/02/2008	09/02/2008	9
203.	VALLEY ARTS	76444524	2751275	8/28/02	8/12/03	15
204.	VALLEY ARTS GUITAR	73464304	1319300	2/6/84	2/12/85	15
205.	VAMPIRE BLOOD MOON	85199712	4166499	12/16/2010	7/3/2012	15
206.	VE	77010287	3232290	09/29/2006	04/24/2007	9
207.	VEGA BASS	77010140	3241176	09/29/2006	05/15/2007	9
208.	VICTORY	76633590	3612783	3/16/05	4/28/09	15

NO.	MARK	SERIAL NO.	REG. NO.	FILING DATE	ISSUE DATE	CLASS
209.	VINTAGE ORIGINAL SPEC	76655961	3209793	3/02/06	2/13/07	15
210.	VINTAGE RE-ISSUE	74476960	1872419	1/6/93	1/10/95	15
211.	VIOLA	77888835	3852679	12/8/09	09/28/2010	15
212.	VISION (stylized)	78313183	3093877	10/14/2003	05/16/2006	9
213.	VXT	77128332	3311581	04/12/2007	10/16/2007	9
214.	WES MONTGOMERY	76684252	3494422	11/21/2007	9/2/2008	15
215.	WILDKAT	77888805	3827485	12/8/09	08/03/2010	15
216.	WILSHIRE	85314322	4031776	5/6/2011	9/27/2011	15
217.	WORN	77868886	4092717	11/10/2009	1/31/2012	15
218.	WURLITZER	71224533	0214557	12/10/1925	6/29/1926	15
219.	WURLITZER	71536203	0504653	9/27/47	12/7/48	15
220.	WURLITZER	71561280	0522270	7/13/48	3/14/50	9
221.	WURLITZER	77827750	3798814	9/16/2009	6/8/2010	9
222.	WURLITZER	73003104	0996084	10/9/73	10/22/74	9
223.	WURLITZER	77365574	3864844	1/7/2008	10/19/2010	9
224.	WURLITZER MEANS MUSIC TO MILLIONS	72252921	0865930	8/22/66	3/4/69	35
225.	ZOOT SUIT	77843297	3813447	10/7/09	07/06/2010	15

Gibson Guitar Corp.
Foreign Trademarks
(Pending)

No.	MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
1.	GIBSON (stylized)	Argentina	3202922	10/30/2012	15
2.	PICKERING	Argentina	3190517	9/10/2012	9
3.	VALLEY ARTS	Argentina	TBD	TBD	15
4.	BALDWIN	Australia	1534284	1/4/2013	15
5.	E (stylized)	Australia	1534290	1/4/2013	15
6.	ES GUITAR BODY DESIGN	Australia	1534292	1/4/2013	15
7.	EXPLORER (word mark)	Australia	1534287	1/4/2013	15
8.	FLYING V (word mark)	Australia	1534286	1/4/2013	15
9.	MAESTRO	Australia	1534289	1/4/2013	15
10.	MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD	Australia	1394586	11/16/2010	15
11.	MISCELLANEOUS DESIGN – EXPLORER GUITAR BODY	Australia	1394585	11/16/2010	15
12.	MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	Australia	1394586	11/16/2010	15
13.	MISCELLANEOUS DESIGN – Les Paul Jr. GUITAR BODY	Australia	1394584	11/16/2010	15

No.	MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
14.	SG (word mark)	Australia	1534288	1/4/2013	15
15.	SG GUITAR BODY DESIGN	Australia	1447829	9/12/2011	15
16.	THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN	Australia	1534293	1/4/2013	15
17.	ARTISAN	Brazil	903627876	5/10/2011	15
18.	BELL SHAPED TRUSS ROD COVER	Brazil	905781414	1/15/2013	15
19.	CASINO	Brazil	903627833	5/10/2011	15
20.	E (stylized)	Brazil	905781821	1/15/2013	15
21.	EMPEROR	Brazil	903627850	5/10/2011	15
22.	EPIPHONE (stylized)	Brazil	905781660	1/15/2013	9
23.	EPIPHONE (stylized)	Brazil	905781813	1/15/2013	15
24.	EPIPHONE PEG HEAD DESIGN	Brazil	905781244	1/15/2013	15
25.	ES GUITAR BODY DESIGN	Brazil	905781457	1/15/2013	15
26.	EXPLORER (word mark)	Brazil	905781627	1/15/2013	15
27.	EXPLORER Guitar Body Design	Brazil	903748053	6/15/2011	15
28.	FLYING V (word mark)	Brazil	905781473	1/15/2013	15
29.	FLYING V Guitar Body Design	Brazil	903748088	6/15/2011	15
30.	FLYING V Peg Head Design	Brazil	903748169	6/15/2011	15
31.	GIBSON (stylized)	Brazil	905785193	1/15/2013	9
32.	GIBSON (stylized)	Brazil	905781872	1/15/2013	15
33.	GIBSON BRANDS	Brazil	906307465	5/29/2013	9
34.	GIBSON BRANDS	Brazil	906307481	5/29/2013	15
35.	GIBSON GUITARS	Brazil	906307511	5/29/2013	9
36.	GIBSON GUITARS	Brazil	906307538	5/29/2013	15
37.	HAMILTON	Brazil	904874877	6/5/2012	15
38.	HOMECASTER	Brazil	906228476	5/13/2013	9
39.	KRAMER/EXPLORER PEG HEAD DESIGN	Brazil	905781287	1/15/2013	15
40.	KRK	Brazil	905781864	1/15/2013	9
41.	LES PAUL Guitar Body Design	Brazil	903748100	6/15/2011	15
42.	LES PAUL Peg Head Design	Brazil	903748142	6/15/2011	15
43.	MAESTRO	Brazil	903832453	7/8/2011	9
44.	MAESTRO	Brazil	903832364	7/8/2011	15
45.	MELODY MAKER	Brazil	903627760	5/10/2011	15
46.	Min-Etune	Brazil	905476417	10/29/2012	15
47.	ONLY A GIBSON IS GOOD ENOUGH (Stylized)	Brazil	906.056.144	4/1/2013	15
48.	POLARIS	Brazil	903627744	5/10/2011	15
49.	PROPHECY	Brazil	903627779	5/10/2011	15
50.	PUREVOICE	Brazil	905745345	1/7/2013	15
51.	QUICK CONNECT	Brazil	903632322	5/10/2011	15

No.	MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
52.	ROBOT TUNERS	Brazil	905425154	10/17/2012	15
53.	SG (word mark)	Brazil	905781910	1/15/2013	15
54.	SG Guitar Body Design	Brazil	903748096	6/15/2011	15
55.	SWINGSTER	Brazil	903627817	5/10/2011	15
56.	THUNDERBIRD/FIREBIRD Body Design	Brazil	903748126	6/15/2011	15
57.	TOBY	Brazil	905950003	3/7/2013	15
58.	UBERCASE	Brazil	904998576	7/6/2012	15
59.	ULTIMA	Brazil	903627884	5/10/2011	15
60.	VIBROLA	Brazil	903627787	5/10/2011	15
61.	WILSHIRE	Brazil	903627728	5/10/2011	15
62.	YOU PLAY WE TUNE	Brazil	905675843	12/14/2012	15
63.	MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD	Canada	1504055	11/16/2010	15
64.	MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	Canada	1504054	11/16/2010	15
65.	MISCELLANEOUS DESIGN – FLYING V PEG HEAD	Canada	1504059	11/16/2010	15
66.	MISCELLANEOUS DESIGN – LES PAUL GUITAR BODY	Canada	1504052	11/16/2010	15
67.	MISCELLANEOUS DESIGN – SG GUITAR BODY	Canada	1504112	11/17/2010	15
68.	MISCELLANEOUS DESIGN – EXPLORER GUITAR BODY	Canada	1504053	11/16/2010	15
69.	BLUE LIGHTNING	China	8786305	10/28/2010	9
70.	CASINO	China	9657494	6/30/2011	15
71.	EPIPHONE (stylized)	China	12006172	1/07/2013	9
72.	EPIPHONE (stylized)	China	12006173	1/07/2013	15
73.	EPIPHONE EMPEROR SWINGSTER	China	10860666	5/3/2012	15
74.	EXPLORER (word mark)	China	12006174	1/07/2013	15
75.	FLYING V (word mark)	China	12006175	1/07/2013	15
76.	GIBSON	China	8245623	4/27/2010	15
77.	GIBSON (stylized)	China	12006031	1/22/2013	15
78.	GIBSON (stylized)	China	12006032	1/22/2013	9
79.	GIBSON BRANDS	China	TBD	5/27/2013	9
80.	GIBSON BRANDS	China	TBD	5/27/2013	15
81.	GIBSON GUITARS	China	TBD	5/27/2013	9
82.	GIBSON GUITARS	China	TBD	5/27/2013	15
83.	GIBSON QUICK CONNECT	China	10644482	3/27/2012	9
84.	GOLDTONE	China	8786302	10/28/2010	9
85.	HOMECASTER	China	12544791	5/8/2013	9
86.	Min-Etune	China	11656745	10/26/2012	15
87.	Misc. Design – Mandolin Body 1	China	5787744	12/15/2006	15

No.	MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
88.	Misc. Design – Mandolin Body 2, F Style	China	5787743	12/15/2006	15
89.	ONLY A GIBSON IS GOOD ENOUGH (stylized)	China	12299834	3/21/2013	15
90.	PUREVOICE	China	11968937	12/27/2012	15
91.	ROBOT TUNERS	China	11607331	10/16/2012	15
92.	SG (word mark)	China	12006033	01/07/2013	15
93.	STANTON	China	9907544	08/30/2011	9
94.	STANTON (stylized)	China	9917568	11/1/2011	9
95.	STANTON DJ	China	9907543	8/30/2011	9
96.	THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN	China	12006030	1/07/2013	
97.	TOBY	China	12207904	3/1/2013	15
98.	UBERCASE	China	11155214	7/3/2012	15
99.	ULTIMA	China	9657497	6/30/2011	15
100.	VAMPIRE BLOOD MOON	China	8968008	12/20/2010	15
101.	YOU PLAY WE TUNE	China	11886520	12/13/12	15
102.	BELL SHAPED TRUSS ROD COVER	CTM	011411055	12/10/2012	9,15,25
103.	GIBSON	CTM	011581865	2/18/2013	16,25,28
104.	GIBSON BRANDS	CTM	011851896	5/28/2013	9,15,35
105.	GIBSON BRANDS (stylized)	CTM	011886066	6/10/2013	9,15,25,35,41
106.	GIBSON GUITARS	CTM	011851987	5/28/2013	9,15,35
107.	HOMECASTER	CTM	011798857	5/7/2013	9,15,41
108.	KRAMER PEG HEAD DESIGN	CTM	009527318	11/16/2010	9,15,25
109.	LES PAUL GUITAR BODY DESIGN (full)	CTM	011527512	1/29/2013	9.15.25
110.	LES PAUL GUITAR BODY DESIGN (full w/Les Paul inlay on peg head)	CTM	011926086	6/24/2013	9,15,25
111.	LES PAUL GUITAR BODYDESIGN (2D – base only)	CTM	009527144	11/16/2010	15,16,25
112.	LES PAUL PEG HEAD DESIGN	CTM	009590076	12/10/2010	9,15,25
113.	SG GUITAR BODY DESIGN	CTM	009527086	11/16/2010	15,16,25
114.	TOBY	CTM	011615581	2/28/2013	9,15,25
115.	MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD	France	3782600	11/16/2010	15
116.	MISCELLANEOUS DESIGN – EXPLORER GUITAR BODY	France	3782587	11/16/2010	15
117.	MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	France	3782585	11/16/2010	15
118.	MISCELLANEOUS DESIGN – FLYING V PEG HEAD	France	3782602	11/16/2010	15
119.	MISCELLANEOUS DESIGN –	France	3782598	11/16/2010	15

No.	MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
	LES PAUL GUITAR BODY				
120.	MISCELLANEOUS DESIGN – SG GUITAR BODY	France	3782593	11/16/2010	15
121.	STANTON (stylized)	Hong Kong	9917568	9/1/2011	9
122.	BALDWIN	India	2458319	1/10/2013	15
123.	BLUE LIGHTNING	India	2045762	10/28/2010	9
124.	CASINO	India	2160374	6/15/2011	15
125.	CERWIN-VEGA	India	2458320	1/10/2013	9
126.	E (stylized)	India	2458317	1/10/2013	9,15
127.	EPIPHONE	India	2179297	7/22/2011	9, 15
128.	EPIPHONE (stylized)	India	2458316	1/10/2013	9,15
129.	EPIPHONE Peg Head Design ("Moustache")	India	2458323	1/10/2013	15
130.	ES GUITAR BODY DESIGN	India	2458324	1/10/2013	15
131.	EXPLORER (word mark)	India	2458315	1/10/2013	15
132.	FIREBIRD X	India	2024123	9/16/2010	15
133.	FLYING V (word mark)	India	2458314	1/10/2013	15
134.	GIBSON (stylized)	India	2458322	1/10/2013	15
135.	GIBSON BRANDS	India	2540486	5/30/2013	9, 15
136.	GIBSON GUITARS	India	2540487	5/30/2013	9, 15
137.	GOLD TONE	India	2047778	11/1/2010	9
138.	HAMILTON	India	2342856	6/5/2012	15
139.	HOMECASTER	India	2527174	5/8/2013	9
140.	KRK	India	2458321	1/10/2013	9
141.	LES PAUL STEAMPUNK	India	2084241	1/12/2011	15
142.	MAESTRO	India	2256371	12/26/2011	9, 15
143.	MELODY MAKER	India	2160379	6/15/2011	15
144.	Min-Etune	India	2417790	10/26/2012	15
145.	MISCELLANEOUS DESIGN – "KRAMER" PEG HEAD	India	2057553	11/23/2010	15
146.	MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	India	2057550	11/23/2010	15
147.	MISCELLANEOUS DESIGN – FLYING V PEG HEAG	India	2057554	11/23/2010	15
148.	MISCELLANEOUS DESIGN – LES PAUL GUITAR BODY	India	2057552	11/23/2010	15
149.	MISCELLANEOUS DESIGN – SG GUITAR BODY	India	2057551	11/23/2010	15
150.	MISCELLANEOUS DESIGN – THUNDERBIRD/FIREBIRD GUITAR BODY	India	2088908	1/24/2011	15
151.	ONLY A GIBSON IS GOOD ENOUGH (stylized)	India	2500251	3/21/2013	15
152.	PIKO NET	India	2035188	10/28/2010	9, 15
153.	POLARIS	India	2160380	6/15/2011	15

No.	MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
154.	PURE ANALOG	India	2035187	10/28/2010	9, 15
155.	PUREVOICE	India	2450367	12/28/2012	15
156.	QUICK CONNECT	India	2142660	5/11/2011	15
157.	ROBOT TUNERS	India	2412805	10/17/2012	15
158.	SG	India	2084237	1/12/2011	15
159.	STANTON	India	2211819	9/27/2011	9
160.	STANTON (stylized)	India	2211820	9/27/2011	9
161.	SWINGSTER	India	2160375	6/15/2011	15
162.	TOBY	India	2488094	3/1/2013	15
163.	TONE BALANCE	India	2047778	11/1/2010	9
164.	UBERCASE	India	2357404	7/3/2012	15
165.	ULTIMA	India	2160371	6/15/2011	15
166.	VIBROLA	India	2160377	6/15/2011	15
167.	WURLITZER	India	2458318	1/10/2013	15
168.	YOU PLAY WE TUNE	India	2441788	12/13/2012	15
169.	CERWIN-VEGA	Israel	TBD	TBD	9
170.	BELL SHAPED TRUSS ROD COVER	Israel	TBD	TBD	15
171.	EPIPHONE	Israel	TBD	TBD	9,15
172.	EXPLORER	Israel	TBD	TBD	15
173.	FLYING V	Israel	TBD	TBD	15
174.	KRK	Israel	TBD	TBD	9
175.	GIBSON	Israel	TBD	TBD	9,15
176.	LES PAUL	Israel	TBD	TBD	15
177.	SG	Israel	TBD	TBD	15
178.	STANTON	Israel	TBD	TBD	9
179.	GIBSON (Stylized)	Italy	2008/1678	3/17/2008	9, 15
180.	GIBSON BRANDS	Japan	399272013	5/27/2013	9, 15
181.	GIBSON GUITARS	Japan	399272013	5/27/2013	9, 15
182.	HOMECASTER	Japan	346102013	5/9/2013	9
183.	ONLY A GIBSON IS GOOD ENOUGH (stylized)	Japan	21272/2013	3/25/2013	15
184.	PUREVOICE	Japan	105896/2012	12/28/2012	15
185.	SG Guitar Body Design (base w/strings)	Japan	201319419	3/28/2013	15
186.	TOBY	Japan	144872013	3/1/2013	15
187.	CERWIN-VEGA	Malaysia	2011017595	unknown	9
188.	CERWIN-VEGA	New Zealand	971246	01/7/2013	9
189.	E (stylized)	New Zealand	971249	01/07/2013	9,15
190.	EPIPHONE (stylized)	New Zealand	971248	1/7/2013	9,15
191.	EPIPHONE PEG HEAD DESIGN	New Zealand	971251	01/07/2013	15
192.	ES GUITAR BODY DESIGN	New Zealand	966709	10/5/2012	15

No.	MARK	COUNTRY	SERIAL NO.	FILING DATE	CLASS
193.	EXPLORER (word mark)	New Zealand	971243	01/07/2013	15
194.	EXPLORER GUITAR BODY DESIGN	New Zealand	966711	10/5/2012	15
195.	FLYING V (word mark)	New Zealand	971242	01/07/2013	15
196.	FLYING V GUITAR BODY DESIGN	New Zealand	966710	10/5/2012	15
197.	LES PAUL	New Zealand	974231	3/15/2013	15
198.	Les Paul Body Design (w/Peg Head Inset)	New Zealand	965321	9/11/2012	15
199.	LES PAUL Guitar Body Design	New Zealand	965328	9/11/2012	15
200.	MAESTRO	New Zealand	971245	01/7/2013	9,15
201.	SG (word mark)	New Zealand	971244	01/7/2013	15
202.	SG Guitar Body Design (base)	New Zealand	965329	9/11/2012	15
203.	SG Guitar Body Design (w/neck)	New Zealand	965327	9/11/2012	15
204.	STANTON	New Zealand	971247	01/7/2013	9
205.	THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN	New Zealand	971250	01/07/2013	15
206.	BALDWIN	Russian Federation	2013700625	1/11/2013	15
207.	BELL SHAPED TRUSS ROD COVER	Russian Federation	2013700632	1/11/2013	15
208.	E (stylized)	Russian Federation	2013700622	1/11/2013	9,15
209.	EPIPHONE (stylized)	Russian Federation	2013700627	1/11/2013	9,15
210.	EPIPHONE Peg Head Design ("Mustache")	Russian Federation	2013700627	1/11/2013	15
211.	ES GUITAR BODY DESIGN	Russian Federation	2013700628	1/11/2013	15
212.	EXPLORER (word mark)	Russian Federation	2013700620	1/11/2013	15
213.	EXPLORER GUITAR BODY DESIGN	Russian Federation	2013712611	4/15/2013	15
214.	FLYING V (word mark)	Russian Federation	2013700620	1/11/2013	15
215.	FLYING V GUITAR BODY DESIGN	Russian Federation	2013700634	1/11/2013	15
216.	GIBSON (stylized)	Russian Federation	2013700626	1/11/2013	9,15
217.	KRAMER	Russian Federation	2013700635	1/11/2013	15
218.	KRK (logo)	Russian Federation	2013707069	3/5/2013	9

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219.	MAESTRO	Russian Federation	2013700630	1/11/2013	9,15
220.	SG (word mark)	Russian Federation	2013700629	1/11/2013	15
221.	SG GUITAR BODY DESIGN	Russian Federation	2013700633	1/11/2013	15
222.	STANTON	Russian Federation	2011728072	08/29/2011	9
223.	THUNDERBIRD/FIREBIRD GUITAR BODY DESIGN	Russian Federation	2013700631	1/11/2013	15
224.	VALLEY ARTS	Russian Federation	2013700636	1/11/2013	15
225.	WURLITZER	Russian Federation	2013700625	1/11/2013	15
226.	CERWIN-VEGA	South Africa	2012/24286	9/7/2012	9
227.	ES BODY DESIGN	South Africa	2012/25545	9/19/2012	15
228.	EXPLORER GUITAR BODY DESIGN	South Africa	2012/25873	9/19/2012	15
229.	FIREBIRD/THUNDERBIRD BODY DESIGN	South Africa	2012/25874	9/19/2012	15
230.	FLYING V	South Africa	201314681	6/3/2013	15
231.	FLYING V GUITAR BODY DESIGN	South Africa	2012/25872	9/19/2012	15
232.	KRK	South Africa	2011/19353	8/5/2011	9
233.	LES PAUL BODY DESIGN	South Africa	2012/25543	9/19/2012	15
234.	SG BODY DESIGN	South Africa	2012/25544	9/19/2012	15
235.	STANTON	South Africa	201121519	8/31/2011	9

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236.	STANTON (stylized)	South Africa	201121520	8/31/2011	9
237.	KRK	South Korea	4020110042440	08/05/2011	9
238.	MISCELLANEOUS DESIGN – EXPLORER GUITAR BODY	South Korea	4020100062207	12/2/2010	15
239.	MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	South Korea	4020100062211	12/2/2010	15
240.	MISCELLANEOUS DESIGN – SG GUITAR BODY (with neck)	South Korea	2013-19419	3/28/2013	15, 28
241.	MAESTRO	Thailand	832629	1/16/2012	9
242.	MAESTRO	Thailand	832628	1/16/2012	15
243.	FLYING V	Turkey	2013/49703	6/3/2013	15
244.	FLYING V Guitar Body Design (base only)	Turkey	2013/49704	6/3/2013	15
245.	FLYING V	Ukraine	m 2013 09736	6/3/2013	15
246.	FLYING V Guitar Body Design	Ukraine	m 2013 09737	6/3/2013	15
247.	STANTON	United Arab Emirates	180401	10/9/2012	9
248.	FLYING V	United Arab Emirates	193235	6/12/2013	15
249.	FLYING V BODY DESIGN (2D, Base Only)	United Arab Emirates	193237	6/12/2013	15
250.	PICKERING	Venezuela	2012-017818	8/22/2012	9

Gibson Brands, Inc. Foreign Trademarks
(Registered)

No.	MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
1.	CERWIN-VEGA	Argentina	---	1712227	---	2/24/2000	9
2.	E STYLIZED	Argentina	2768844	2282214	4/29/74	10/8/97	15
3.	EPIPHONE	Argentina	2.062.282 –	1,661,564	12/19/96	3/20/98	15
4.	GIBSON	Argentina	2427161	1937980	12/19/90	7/1/2003	15
5.	GIBSON	Argentina	2,686,323	2182583	7/18/06	09/20/2007	15
6.	KRAMER	Argentina	2950699	2393700	12/23/96	12/4/99	15
7.	LES PAUL	Argentina	. 2640263	2097071	5/10/95	1/15/96	15
8.	GIBSON	Argentina	2.049.694	1,877,530	9/20/1996	6/25/02	9
9.	WURLITZER	Argentina	2486878	2041349	9/7/05	9/7/2005	9
10.	STANTON	Australia	292222	292222	11/18/1975	11/18/1975	9
11.	STANTON	Australia	312998	312998	11/18/1975	11/18/1975	9
12.	CERWIN-VEGA	Australia	297385	297385	Jun 1 1976	Jun 1 1976	9
13.	CERWIN-VEGA LOGO	Australia	297386	297386	Jun 1 1976	Jun 1 1976	9
14.	KRK	Australia	1305084	1305084	Jun 19 2009	Nov 3 2011	9
15.	DESIGN GUITAR BODY (LES PAUL)	Australia	713871	713871	7/29/96	7/29/96	15
16.	DESIGN PEGHEAD (DOVE WING)	Australia	A290,986	A290,986	10/2/75	1/17/79	15
17.	DESIGN PINEAPPLE	Australia	A-290,985	A-290,985	10/2/75	1/19/78	
18.	DESIGN SPLIT DIAMOND	Australia	A290,984	A290,984	10/2/75	1/23/77	15
19.	DESIGN BELL SHAPE	Australia	A290,983	A290,983	10/2/75	10/2/75	15
20.	DESIGN URN & FLOWERS	Australia	A-290,987	A-290,987	10/7/75	1/27/77	15
21.	DOBRO	Australia	681,027	681,027	12/15/95	10/3/97	15
22.	EPIPHONE (stylized)	Australia	A277,428	A277,428	4/4/74	6/4/75	15
23.	EPIPHONE	Australia	1437693	1437693	7/20/2011	5/22/2013	9, 15
24.	GIBSON	Australia	A85,364	A85,364	11/23/45	9/24/73	9
25.	GIBSON	Australia	B216,533	B216,533	2/2/68	5/23/72	15
26.	GIBSON	Australia	B216,534	B216,534	2/2/68	12/17/71	9
27.	GIBSON	Australia	1123274	1123274	7/11/06	6/05/2010	15
28.	KRAMER	Australia	724208	724208	12/17/96	12/17/96	15
29.	LES PAUL	Australia	B337,378	B337,378	4/4/74	11/9/81	9
30.	LES PAUL	Australia	B277,429	B277,429	4/4/74	7/31/80	15
31.	VALLEY ARTS	Australia	924741	924741	8/27/02	8/27/2002	15
32.	WURLITZER	Australia	B167055	B167055	6/1/61	6/1/61	15
33.	WURLITZER	Australia	B167054	B167054	6/1/61	6/1/61	9
34.	WURLITZER	Australia	A77999	A77999	4/31/41	4/30/41	15
35.	WURLITZER	Australia	A260556	A260556	7/26/72	7/26/72	9

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36.	CERWIN-VEGA	Austria	81391	137254	02/02/91	08/27/91	9
37.	EPIPHONE	Austria	AM707/74	77,447	3/25/74	5/28/74	15
38.	GIBSON	Austria	61,668	61,668	1/23/68	5/8/68	9, 15
39.	KRAMER	Austria	AM293/97	169071	1/23/97	4/2/97	15
40.	LES PAUL	Austria	77,816	77,816	3/25/74	7/15/74	15
41.	VALLEY ARTS	Austria	AM5565/2002	209864	4/29/02	4/23/03	15
42.	WURLITZER	Austria	36805	36805	4/30/1958	6/17/1957	9, 15
43.	WURLITZER	Austria	1793/77	86778	7/12/1977	11/14/1977	9
44.	STANTON (stylized)	Benelux	41334	355337	11/27/78	11/27/78	9
45.	CERWIN-VEGA	Benelux	41950	R357954	04/03/79	04/03/79	9
46.	CV Logo	Benelux	41951	R358439	04/03/79	04/03/79	9
47.	DESIGN BELL	Benelux	36,495	335,221	10/22/75	12/30/75	15
48.	DESIGN PEGHEAD (DOVE WING)	Benelux	36,497	335,223	10/22/75	12/30/75	15
49.	DESIGN SPLIT DIAMOND	Benelux	36,496	335,222	10/22/75	12/30/75	15
50.	EPIPHONE	Benelux	34145	325,550	4/23/74	9/20/74	15
51.	GIBSON	Benelux	588,353	110,481	12/31/71	11/5/74	15
52.	KRAMER	Benelux	886774	607367	1/30/97	1/30/97	15
53.	LES PAUL	Benelux	34,146	325,551	4/23/74	4/23/74	15
54.	VALLEY ARTS	Benelux	1017175	724382	8/28/02	8/28/2002	15
55.	WURLITZER	Benelux	0587550	109658	12/31/71	12/31/1971	9, 15
56.	CERWIN-VEGA	Brazil	817680470	817680470	1/17/1994	11/7/1995	9
57.	CV Logo	Brazil	817680489	817680489	1/17/1994	11/7/1995	9
58.	EPIPHONE	Brazil	818461888	818461888	4/28/1995	10/24/2000	15
59.	GIBSON	Brazil	816767580	816767580	6/7/92	9/14/93	15
60.	GIBSON	Brazil	828571562	828571562	07/14/06	06/15/10	9
61.	KRAMER	Brazil	819826065	819826065	2/26/97	8/24/04	15
62.	LES PAUL	Brazil	017821	6,585,965	10/1/74	8/10/77	15
63.	LES PAUL	Brazil	017821A	6,585,973	10/1/74	8/10/77	15
64.	STANTON (stylized)	Brazil	826808395	826808395	10/11/2004	02/07/2007	9
65.	STEINBERGER	Brazil	818461861	818461861	9/5/96	3/3/98	18 (15.10)
66.	TOBIAS	Brazil	902113550	902113550	11/13/09	9/25/2012	15
67.	VALLEY ARTS	Brazil	824857402	824857402	9/19/02	05/02/2007	15
68.	WURLITZER	Brazil	820241032	820241032	09/08/97	10/19/1999	9, 35
69.	CERWIN-VEGA	Canada	399203	TMA224306	6/18/1976	11/25/1977	9
70.	CORDOVOX (DESIGN)	Canada	280,005	137,335	1/16/64	9/18/64	15
71.	CV Logo	Canada	399824	TMA224876	6/15/1976	12/16/1977	9
72.	DESIGN BELL	Canada	390,543	221,031	10/7/75	6/10/77	15
73.	DESIGN PEGHEAD (DOVE WING)	Canada	394,816	223,827	2/19/76	10/28/77	15
74.	DESIGN PINEAPPLE	Canada	390,545	220,124	10/7/75	4/22/77	15
75.	DESIGN SPLIT DIAMOND	Canada	390,544	220,268	10/7/75	4/29/77	15
76.	DESIGN URN & FLOWERS	Canada	390,546	220,269	10/7/75	4/29/77	15
77.	DOBRO	Canada	799,785	TMA468,542	12/15/95	1/20/97	15

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78.	EPIPHONE	Canada	427,027	239,752	7/10/78	2/8/80	15
79.	GIBSON	Canada	22,585	UCA22,585	11/9/45	11/9/45	15
80.	GIBSON	Canada	310,618	162,923	1/31/68	5/23/69	9 - 15
81.	KRAMER	Canada	832,624	556,836	12/30/96	1/24/02	15
82.	KRK	Canada	1397582	TMA742260	6/2/2008	6/18/2009	9
83.	LABSERIES	Canada	426,658	240,965	6/27/78	3/14/80	15
84.	LES PAUL	Canada	337,190	191,190	6/23/71	5/25/73	15
85.	STANTON	Canada	1362062	TMA776861	8/31/07	9/13/2010	9
86.	VALLEY ARTS	Canada	1151160	TMA685639	8/28/02	4/5/07	15
87.	VICTORY	Canada	519063	TMA298,370	3/21/84	12/21/84	15
88.	WURLITZER	Canada	50/13386	50/13386	7/18/39	7/18/39	15
89.	CERWIN-VEGA	Chile	729308	764551	05/15/2006	5/15/2006	9
90.	CV Logo	Chile	662673	711431	10/13/2004	12/13/2004	9
91.	EPIPHONE	Chile	551.959	625.836	12/6/01	3/27/02	15
92.	GIBSON	Chile	745430	782948	9/27/06	3/23/2007	9
93.	GIBSON	Chile	852890	850908	1/26/09	1/28/09	9, 15
94.	KRAMER	Chile	806092	779245	6/29/07	7/25/2007	15
95.	KRK	Chile	977011	10/28/2011	1003558	4/5/2013	9
96.	LES PAUL	Chile	879632	901985	9/30/2009	11/5/2010	15
97.	PROSTAX	Chile	662672	711430	10/13/2004	12/13/2004	9
98.	STANTON	Chile	971218	961469	10/18/2011	9/6/2012	9
99.	VALLEY ARTS	Chile	1.020.337	990.038	8/29/02	12/30/02	15
100.	CERWIN-VEGA	China	714085	714085	05/11/1993	11/7/1994	9
101.	CV Logo	China	712886	712886	05/11/1993	10/28/1994	9
102.	DESIGN BELL	China	94032665	1098860	4/18/94	9/14/97	15
103.	DESIGN GUITAR BODY (LES PAUL)	China	9900015076	1750818	2/9/99	4/21/02	15
104.	DESIGN ONLY – “F” HOLES IN GUITAR BODY	China	5618903	5618903	9/20/06	09/14/2009	15
105.	DESIGN ONLY – BLOCK & TRIANGLE FRET-BOARD INLAY	China	5700911	5700911	11/3/06	09/28/2009	15
106.	DESIGN ONLY – DOVE BRIDGE	China	5838197	5838197	1/10/07	10/28/2009	15
107.	DESIGN ONLY – DOVE PICK GUARD	China	5838528	5838528	1/10/07	10/28/2009	15
108.	DESIGN ONLY – F STYLE MANDOLIN PEG HEAD	China	6057383	6057383	5/18/07	01/07/2010	15
109.	DESIGN ONLY – FLOWER POT PEG HEAD INLAY	China	6089891	6089891	6/4/07	12/28/2009	15
110.	DESIGN ONLY – HUMMINGBIRD PICK GUARD	China	5838529	5838529	1/10/07	10/28/2009	15
111.	DESIGN ONLY – J-200 PICK GUARD	China	5838537	5838537	1/10/07	10/28/2009	15
112.	DESIGN ONLY – KRAMER PEG HEAD	China	6057384	6057384	5/18/07	01/07/2010	15

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113.	DESIGN ONLY – PARALLELOGRAM FRET-BOARD INLAY	China	5700913	5700913	11/3/06	09/28/2009	15
114.	DESIGN ONLY – PINEAPPLE PEG HEAD INLAY	China	6089791	6089791	6/4/07	12/28/2009	15
115.	DESIGN ONLY – TRAPEZOID FRET-BOARD INLAY	China	5700912	5700912	11/3/06	09/28/2009	15
116.	DESIGN ONLY MOUSTACHE BRIDGE DESIGN	China	6089892	6089892	6/4/07	12/28/2009	15
117.	DESIGN ONLY STYLIZED "E"	China	5927184	5927184	2/1/07	12/28/2009	15
118.	DOBRO	China	3415524	3415524	12/24/02	4/21/08	15
119.	DOT	China	5927185	5927185	2/1/07	11/28/1009	15
120.	ELECTAR	China	3415525	3415525	12/24/02	4/14/04	09
121.	EPIPHONE	China	94032664	807,961	4/18/94	1/14/96	15
122.	EPIPHONE EMPEROR	China	9657495	9657495	6/30/2011	8/7/2012	15
123.	ES BODY SHAPE	China	1,511,553	1,511,553	08/23/99	4/22/2002	15
124.	EXP	China	3318085	3318085	9/24/02	04/07/2004	15
125.	EXPLORER BODY SHAPE	China	1,511,554	1,511,554	08/23/99	04/22/2002	15
126.	FIREBIRD X	China	8666708	8666708	9/14/2010	9/28/2011	15
127.	FLYING V BODY SHAPE	China	1,511,551	1,511,551	08/23/99	04/22/2002	15
128.	FLYING V POLARIS	China	9657500	9657500	6/30/2011	8/7/2012	15
129.	G-NODE	China	8786303	8786303	10/28/2010	11/14/2011	9
130.	GEAR SHIFT KNOB	China	8725580	8725580	10/11/2010	10/21/2011	9
131.	GEAR SHIFT KNOB	China	8725579	8725579	10/11/2010	10/21/2011	15
132.	GIBSON	China	94032662	807558	4/18/94	1/14/96	15
133.	GIBSON	China	94099183	857933	9/29/94	7/21/96	42
134.	GIBSON	China	5479921	5479921	6/14/2006	5/21/2011	9
135.	GIBSON (in Chinese)	China	10133547	10133547	11/1/2011	12/28/2012	9
136.	GIBSON (in Chinese)	China	10133548	10133548	11/1/2011	12/28/2012	15
137.	GIBSON COLLECTOR'S CHOICE	China	8265425	8265425	5/4/2010	8/7/2011	15
138.	GIBSON SIGNATURE SERIES	China	7793099	7793099	10/29/2009	8/14/2011	15
139.	GIG-PAD	China	8786304	8786304	10/28/2010	11/14/2011	9
140.	GOTHIC MORTE	China	8968010	8968010	12/31/2010	12/28/2011	15
141.	KRAMER	China	970005084	1154213	1/16/97	2/28/98	15
142.	KRK	China	8102210	8102210	03/02/2010	08/14/2011	9
143.	KRK (stylized)	China	8102209	8102209	03/02/2010	08/14/2011	9
144.	LES PAUL	China	94032663	807554	4/18/94	1/14/96	15
145.	LES PAUL ARTISAN	China	9657496	9657496	6/30/2011	8/7/2012	15
146.	LES PAUL STEAMPUNK	China	9036241	9036241	1/10/2011	1/21/2012	15
147.	MAESTRO	China	3415523	3415523	12/24/02	2/7/08	15
148.	MAESTRO	China	5527365	5527365	8/7/2006	8/28/2009	9

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149.	MELODY MAKER	China	9657471	9657471	6/30/2011	8/7/2012	15
150.	MORPHED	China	8968009	8968009	12/31/2010	12/28/2011	15
151.	PIKO NET	China	8725578	8725578	10/11/2010	10/21/2011	9
152.	PIKO NET	China	8725577	8725577	10/11/2010	10/21/2011	15
153.	PROPHECY	China	9657472	9657472	6/30/2011	8/7/2012	15
154.	PURE ANALOG	China	8725576	8725576	10/11/2010	10/21/2011	9
155.	PURE ANALOG	China	8725595	8725595	10/11/2010	10/21/2011	15
156.	SAVANT	China	4948972	4948972	10/17/05	3/14/09	15
157.	SG BODY SHAPE	China	1,511,552	1,511,552	08/23/99	04/22/2002	15
158.	SLINGERLAND	China	3415526	3415526	12/24/02	09/28/2004	15
159.	SPIRIT	China	4948955	4948955	10/17/05	3/28/09	9
160.	STEINBERGER	China	2012688	2012688	8/02/2001	9/28/02	15
161.	STEINBERGER	China	4132792	68571806	3/21/2007	6/21/2007	15
162.	STRIKER	China	9722934	9722934	7/15/2011	8/28/2012	15
163.	TOBIAS	China	3415580	3415580	12/24/02	09/28/2004	15
164.	VALLEY ARTS	China	3318083	3318083	9/24/02	04/07/2004	15
165.	VIBROLA	China	9657473	9657473	6/30/2011	8/7/2012	15
166.	WILSHIRE	China	9657499	9657499	6/30/2011	8/7/2012	15
167.	WURLITZER	China	3368355	3368355	11/13/02	02/21/2006	15
168.	WURLITZER	China	743,045	743,045	03/23/05	04/28/05	15
169.	GIBSON	Colombia	175151	328337	7/14/78	8/9/83	9
170.	GIBSON	Colombia	2001041800	253192	Unknown	7/22/2002	15
171.	BALDWIN	CTM	010168318	010168318	8/2/2011	12/15/2011	9, 15, 25
172.	BLUE LIGHTENING	CTM	009470329	009470329	10/25/2010	3/6/2011	9,15,25
173.	CERWIN-VEGA	CTM	010039303	010039303	6/10/2011	1/11/2012	9
174.	CERWIN-VEGA	CTM	011410941	011410941	12/10/12	4/27/2013	9,15,25
175.	DEUTSCHE WURLITZER	CTM	011077401	011077401	7/27/2012	3/13/2013	9,15,41
176.	DISCIPLE	CTM	9306259	9306259	8/10/2010	12/28/2010	9, 15
177.	DV DEMON	CTM	001472414	001472414	1/19/00	2/6/01	15
178.	EMPEROR	CTM	009952821	009952821	5/9/2011	9/21/2011	9,15,25
179.	EMPORER SWINGSTER	CTM	010753011	010753011	3/23/2012	8/2/2012	9, 15, 25
180.	EPIPHONE	CTM	010129427	010129427	7/18/2011	11/29/2011	9,15,25
181.	EPIPHONE CASINO	CTM	009952763	009952763	5/9/2011	9/21/2011	9,15,25
182.	ES (word mark)	CTM	011410933	011410933	12/10/12	4/23/2013	9,15,25
183.	ES GUITAR BODY DESIGN with GIBSON HEAD STOCK	CTM	011067295	011067295	7/24/2012	3/12/2013	9,15,25
184.	ES GUITAR BODY DESIGN with EPIPHONE HEAD STOCK	CTM	011067071	011067071	7/24/2012	3/12/2013	9,15,25
185.	EXPLORER	CTM	008820409	008820409	1/19/2010	7/21/2010	9,15,25
186.	FIREBIRD X	CTM	9369877	9369877	9/13/2010	1/28/2011	15, 16, 25
187.	FLYING V	CTM	011384815	011384815	11/29/2012	4/16/2013	9,15,25
188.	FLYING V POLARIS	CTM	009952367	009952367	5/9/2011	9/21/2011	9,15,25
189.	FLYING V PEG HEAD DESIGN	CTM	009527425	009527425	11/16/2010	3/8/2013	9,15,25
190.	G-NODE	CTM	009470361	009470361	10/25/2010	3/6/2011	9,15,25

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191.	GEAR SHIFT KNOB	CTM	9424193	9424193	10/5/2010	2/21/2011	9, 15, 25
192.	GIBSON	CTM	005191242	005191242	11/13/45	9/27/07	15
193.	GIBSON – STYLIZED WITH STAR	CTM	8514937	8514937	8/27/2009	2/18/2010	15, 16, 25
194.	GIBSON CUSTOM COLLECTOR'S CHOICE	CTM	9076902	9076902	5/4/2010	9/27/2010	9, 15, 25
195.	GIBSON MELODY MAKER	CTM	009952111	009952111	5/9/2011	9/21/2011	9,15,25
196.	GIBSON PURE ANALOG	CTM	009899899	009899899	4/15/2011	8/23/2011	9,15,25
197.	GIBSON QUICK CONNECT	CTM	009953019	009953019	5/9/2011	9/21/2011	9,15,25
198.	GIBSON SUPER JUMBO	CTM	011003472	011003472	6/29/2012	11/5/2012	9,15,25
199.	GIBSON TONE BALANCE	CTM	009887712	009887712	4/12/2011	9/15/2011	9,15,25
200.	GIG-PAD	CTM	009470451	009470451	10/25/2010	3/6/2011	9,15,25
201.	GOLD TONE	CTM	009470261	009470261	10/25/2010	3/6/2011	9,15,25
202.	GOTHIC MORTE	CTM	009606121	009606121	12/17/2010	4/28/2011	9,15,25
203.	HAMILTON	CTM	010942902	010942902	6/6/2012	11/1/2012	15,16,25
204.	J-45	CTM	010077402	010077402	6/27/2011	12/15/2011	9, 15, 25
205.	JBOT	CTM	9119306	9119306	5/20/2010	10/5/2010	9, 15, 25
206.	JUNIOR BOT	CTM	9119389	9119389	5/20/2010	10/5/2010	9, 15, 25
207.	KRK	CTM	9656232	9656232	01/13/2011	06/21/2011	9
208.	KRK	CTM	011411006	011411006	12/10/12	4/23/2013	9,15,25
209.	LAB SERIES	CTM	9258039	9258039	7/19/2010	1/12/2011	9, 15, 25
210.	LES PAUL	CTM	009945015	009945015	5/5/2011	9/14/2011	9,15,25
211.	LES PAUL ARTISAN	CTM	009952169	009952169	5/9/2011	9/21/2011	9,15,25
212.	LES PAUL STEAMPUNK	CTM	009646134	009646134	1/7/2011	5/19/2011	9,15,25
213.	LES PAUL ULTIMA	CTM	009952251	009952251	5/9/2011	9/21/2011	9,15,25
214.	MAESTRO	CTM	007524572	007524572	12/30/2008	10/14/2011	9, 15, 25
215.	Min-ETune	CTM	011296911	011296911	10/26/2012	3/7/2013	9, 15, 25
216.	MISCELLANEOUS DESIGN - FLYING V PEG HEAD WITH "EPIPHONE"	CTM	010942662	010942662	6/6/2012	10/17/2012	9,15,25
217.	MISCELLANEOUS DESIGN – ES GUITAR BODY	CTM	010097962	010097962	7/5/2011	9/5/2012	9, 15, 25
218.	MISCELLANEOUS DESIGN – EXPLORER GUITAR BODY	CTM	8843311	8843311	1/28/2010	622/2010	9, 15, 25
219.	MISCELLANEOUS DESIGN – FLYING V GUITAR BODY	CTM	9179953	9179953	6/16/2010	11/26/2010	9, 15, 25
220.	MISCELLANEOUS DESIGN – KRAMER PEG HEAD (with logo)	CTM	010942481	010942481	6/6/2012	10/17/2012	9,15,25
221.	MISCELLANEOUS DESIGN – LES PAUL PEG HEAD w/"Gibson"	CTM	010942373	010942373	6/6/2012	10/17/2012	9,15,25
222.	MISCELLANEOUS DESIGN – SG FULL GUITAR BODY (w/strings)	CTM	010488237	010488237	12/13/2011	5/11/2012	9,15,25

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223.	MISCELLANEOUS DESIGN - FLYING V PEG HEAD DESIGN w/oval GIBSON TRC	CTM	010942721	010942721	6/6/2012	10/17/2012	9,15,25
224.	MISCELANEOUS DESIGN - FLYING V PEG HEAD DESIGN w/BELL-SHAPED GIBSON TRC	CTM	010942605	010942605	6/6/2012	10/17/2012	9,15,25
225.	MORPHED	CTM	9606161	9606161	12/17/2010	5/23/2011	9, 15, 25
226.	OBERHEIM LOGO	CTM	000441519	441519	12/11/96	9/2/98	15
227.	ONE MORE TIME	CTM	8953416	8953416	3/15/2010	12/8/2010	9
228.	PIKO NET	CTM	009424003	009424003	10/5/2010	2/21/2011	9,15,25
229.	PROPHECY	CTM	009952417	009952417	5/9/2011	9/21/2011	9,15,25
230.	PURE ANALOG	CTM	009424078	009424078	10/5/2010	7/29/2011	9,15,25
231.	=PUREVOICE	CTM	011458312	011458312	12/28/2012	12/28/2012	15,25,41
232.	ROAD WORN	CTM	8527434	8527434	9/3/2009	1/1/2010	9, 15, 25
233.	ROBOT TUNERS	CTM	011266517	011266517	10/15/2012	3/4/2013	9,15,25
234.	SG	CTM	9698581	9698581	1/31/2011	6/9/2011	9, 15, 25
235.	SJ	CTM	010078012	010078012	6/27/2011	11/7/2011	9, 15, 25
236.	STANTON	CTM	010218303	010218303	8/5/2011	1/7/2012	9
237.	THUNDERBIRD/FIREBIRD Body Design	CTM	009667866	009667866	1/18/2011	2/7/2012	9, 15, 25
238.	TONE BALANCE	CTM	009471426	009471426	10/25/2010	12/15/2011	9, 15, 25
239.	UBERCASE	CTM	011010873	011010873	7/3/2012	3/26/2013	9,15,25
240.	VAMPIRE BLOOD MOON	CTM	9606071	9606071	12/17/2010	4/28/2011	9, 15, 25
241.	VIBROLA	CTM	009952541	009952541	5/9/2011	9/21/2011	9,15,25
242.	WILSHIRE	CTM	009952078	009952078	5/9/2011	9/21/2011	9,15,25
243.	WURLITZER	CTM	011077229	011077229	7/27/2012	3/13/2013	9,15,41
244.	YOU PLAY WE TUNE	CTM	011422383	011422383	12/13/12	4/24/2013	9,15,41
245.	CERWIN-VEGA	Denmark	VR198000132	VR198000132	05/10/1979	01/04/1980	9
246.	CV LOGO	Denmark	VA197901352	VR197903669	04/03/1979	12/7/1979	9
247.	DESIGN BELL	Denmark	1227/1976	1227/1976	10/1/75	3/26/76	15
248.	DESIGN PEGHEAD (DOVE WING)	Denmark	4106/1975	1229/1976	10/1/75	3/26/76	15
249.	DESIGN SPLIT DIAMOND	Denmark	4107/1975	1232/1976	10/1/75	3/26/76	15
250.	EPIPHONE	Denmark	VA 2012 02591	VR 2013 01031	10/15/2012	5/14/2013	9, 15
251.	EPIPHONE (stylized)	Denmark	VA 2012 02590	VR 2013 01032	10/15/2012	5/14/2013	9, 15
252.	GIBSON	Denmark	259-1968	3029/68	1/22/68	11/8/68	42
253.	KRAMER	Denmark	00354/1997	04073/1997	1/23/97	10/3/97	15
254.	LES PAUL	Denmark	1889/1974	2425/1975	4/24/74	6/6/75	15
255.	VALLEY ARTS	Denmark	VA 2002 03406	VR 2002 03152	8/28/02	11/9/12	15
256.	WURLITZER	Denmark	01255/1977	01255/1977	3/24/1977	9/2/1977	9
257.	GIBSON	Dominican R	26,133	26,133	11/19/76	3/14/77	15
258.	GIBSON	Ecuador	175852	4197	9/25/06	8/24/2007	15
259.	GIBSON	Ecuador	175853	4198	9/25/06	8/24/2007	9
260.	EPIPHONE	Finland	199700093	207765	1/10/97	9/30/97	9,15

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261.	GIBSON	Finland	2425/74	71,061	5/23/74	12/5/79	67
262.	KRAMER	Finland	T199700695	208462	2/18/97	11/28/97	15
263.	LES PAUL	Finland	2453/74	69,987	5/23/74	8/6/79	15
264.	VALLEY ARTS	Finland	T200202747	227,696	10/2/02	6/30/03	15
265.	WURLITZER	Finland	T196102197	39616	7/24/61	11/24/1962	9, 15
266.	STANTON	France	5033903664733	1510969	1/26/1989	7/13/1989	9
267.	CERWIN-VEGA	France	818999	1374967	10/18/1976	10/15/1986	9
268.	CV Logo	France	------	1374968	10/18/1976	10/15/1986	9
269.	DESIGN BELL	France	201,127	1,365,263	10/23/75	10/23/75	15
270.	DESIGN PEGHEAD (DOVE WING)	France	201,130	1,365,264	10/23/75	10/23/75	15
271.	DESIGN PINEAPPLE	France	201,129	1,364,502	10/23/75	10/23/75	15
272.	DESIGN SPLIT DIAMOND	France	201,128	1,365,261	10/23/75	10/23/75	15
273.	DESIGN URN & FLOWERS	France	201,131	1,365,262	10/23/75	10/23/75	15
274.	DOBRO	France	95/601835	95/601835	12/19/95	5/31/96	15
275.	EPIPHONE	France	701,556	1,271,371	4/29/84	5/4/84	15
276.	GIBSON	France	94/514,045	94/514,045	4/5/94	9/16/94	9, 15
277.	GIBSON	France	893.977	1,509,755	12/14/87	12/14/87	9, 15
278.	KRAMER	France	97/660.578	97/660.578	1/24/97	1/24/97	15
279.	LES PAUL	France	94/545,974	94/545,974	11/23/94	4/28/95	15
280.	LES PAUL	France	246546	1624250	10/30/90	10/30/90	15
281.	SG	France	1,271,372	1,271,372	4/29/94	4/29/94	15
282.	SLINGERLAND	France	96/607909	96/607909	1/29/96	7/26/96	15
283.	SLINGERLAND	France	93/457161	93/457161	2/26/93	2/26/93	15
284.	VALLEY ARTS	France	02/3181688	02/318688	9/3/02	2/7/2003	15
285.	DESIGN GUITAR BODY (LES PAUL)	France	94/520,968	94/520,968	5/9/94	3/23/2004	9, 15
286.	WURLITZER	France	761963	1325914	10/7/85	9/15/06	9, 28, 41, 42, 43
287.	WURLITZER	France	1558400	1558400	11/3/89	11/3/2009	9, 15
288.	STANTON	Germany	ST11673	997509	11/27/1978	02/07/1980	9
289.	CERWIN-VEGA	Germany	C25909	979445	10/19/1976	12/06/1978	9
290.	CV Logo	Germany	C25910	965497	10/19/1976	01/14/1978	9
291.	DESIGN BELL	Germany	960,290	960,290	10/2/75	7/13/77	15
292.	DESIGN PEGHEAD (DOVE WING)	Germany	14676/15	960,291	10/2/75	7/13/77	15
293.	DESIGN PINEAPPLE	Germany	N14 677/15 Wz	952,766	10/2/75	12/20/76	15
294.	DESIGN SPLIT DIAMOND	Germany	N14 679 Wz	952,768	10/2/75	12/20/76	15
295.	DESIGN URN & FLOWERS	Germany	N14 678/15 Wz	952,767	10/2/75	12/20/76	15
296.	DEUTSCHE WURLITZER	Germany	D14466	779683	7/27/1962	10/12/63	9,15
297.	DEUTSCHE WURLITZER	Germany	302012042154	302012042154	7/31/2012	11/6/2012	7,9
298.	DOBRO	Germany	39551255.7	39551255	12/15/95	4/2/96	15
299.	E STYLIZED	Germany	395 25 554.6	395 25 554.6	6/22/95	9/13/95	15

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300.	EPIPHONE	Germany	N14 065/15 Wz	936,696	4/29/74	10/17/75	15
301.	GIBSON (RESTAURANT & BAR SERVICES)	Germany	G44 446/42 Wz	2,086,972	4/5/94	12/12/94	9 - 15
302.	GIBSON (SCRIPT)	Germany	G17 388/25 W	859,222	1/22/68	7/14/69	42
303.	KRAMER	Germany	397 03 237	397 03 237	1/27/97	3/19/97	15
304.	LABSERIES	Germany	G44 708/9 Wz.	2096499	5/27/94	5/16/95	9
305.	LES PAUL	Germany	394 01 947.4	394 01 947	11/17/94	3/14/95	15
306.	LES PAUL	Germany	G20 158/25	899,938	10/22/70	11/29/72	15
307.	OBERHEIM	Germany	G43 574/15 Wz	2,080,367	10/22/93	10/12/94	9, 15
308.	STEINBERGER	Germany	St13 604/15 Wz	1,082,208	8/30/83	9/24/85	15
309.	VALLEY ARTS	Germany	302 42 843.7	302 42 843	8/27/02	1/28/03	15
310.	WURLITZER	Germany	W29018	992746	11/10/78	11/5/1979	9, 15
311.	DESIGN PEGHEAD (DOVE WING)	Germany (3d)	39551612	39551612	12/18/95	4/15/1996	15
312.	CERWIN-VEGA	Greece	73888	73888	01/26/1993	01/26/1993	9
313.	CV Logo	Greece	73886	73886	01/26/1993	01/26/1993	9
314.	EPIPHONE	Greece	131.851	131851	1/9/97	11/17/98	9, 15
315.	KRAMER	Greece	132.012	132.012	1/29/97	1/17/01	15
316.	LES PAUL	Greece	52,708	52,708	5/9/74	3/17/76	9-15
317.	VALLEY ARTS	Greece	148.107	148.107	8/28/02	1/19/04	15
318.	DESIGN SPLIT DIAMOND	Hong Kong	144/77	144/77	10/4/75	1/27/77	15
319.	GIBSON	Hong Kong	300678817	300678817	7/13/06	7/13/06	9
320.	GIBSON	Hong Kong	B533,1977	B533,1977	3/30/76	4/18/77	15
321.	PICKERING	Hong Kong	1873	B1873	09/13/1977	10/31/1980	9
322.	STANTON	Hong Kong	17291976	19790996	11/30/1976	08/29/1979	9
323.	CV Logo	Hong Kong	1981B2234	1981B2234	03/04/1979	12/11/1981	9
324.	ARTISAN	India	2160372	2160372	6/15/2011	6/15/2011	15
325.	BELL SHAPED TRUSS ROD COVER	India	697870	697870	?/2005	?/2005	15
326.	DESIGN PEGHEAD (DOVE WING)	India	687,871	687,871	11/22/95	11/22/95	15
327.	EMPEROR	India	2160373	2160373	6/15/2011	6/15/2011	15
328.	EPIPHONE	India	687873	687873	11/22/95	11/22/95	15
329.	EXPLORER Guitar Body Design	India	2057549	2057549	11/23/2010	6/7/2012	15
330.	G-NODE	India	2045763	2045764	10/8/2010	5/31/2012	15
331.	GEAR SHIFT KNOB	India	2035189	2045763	10/8/2010	6/4/2012	15
332.	GIBSON	India	1481452	1481452	8/24/2006	8/24/2006	9
333.	GIBSON	India	687872	687872	11/25/95	11/25/95	15
334.	GIG-PAD	India	2045764	2045764	10/28/2010	5/8/2012	15
335.	GOTHIC MORTE	India	2084239	2084239	1/12/2011	8/30/2012	15
336.	KRAMER	India	753327	753327	1/27/97	1/27/97	15
337.	LES PAUL (SIGNATURE)	India	732,672	732,672	9/10/96	9/10/96	15
338.	MORPHED	India	2084240	2084240	1/12/2011	8/30/2012	15

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339.	PROPHECY	India	2160378	2160378	6/15/2011	6/15/2011	15
340.	VALLEY ARTS	India	1133348	1133348	9/13/02	9/13/02	15
341.	VAMPIRE BLOOD MOON	India	2084238	2084238	1/12/2011	8/30/2012	15
342.	WILSHIRE	India	2160381	2160381	6/15/2011	6/15/2011	15
343.	DESIGN BELL	Indonesia	D95 5487	358080	4/4/95	4/18/96	15
344.	DESIGN PEGHEAD (DOVE WING)	Indonesia	D95 5494	367733	4/4/95	9/16/96	15
345.	EPIPHONE	Indonesia	D97 4020	406,679	3/10/97	11/25/97	15
346.	GIBSON	Indonesia	156,441	156,441	4/1/81	5/8/81	
347.	KRAMER	Indonesia	406,719	D97 4019	3/10/97	12/1/97	15
348.	LES PAUL	Indonesia	D95 5493	356971	4/4/95	3/25/96	15
349.	GIBSON	Indonesia	285,432	530,023	4/1/81	1/5/93	9, 11,15
350.	VALLEY ARTS	Indonesia	D00 2002 25404-25679	554077	11/1/02	12/11/03	15
351.	EPIPHONE	Ireland	97/0340	203450	1/27/97	3/9/99	15
352.	KRAMER	Ireland	97/0455	203911	2/5/97	4/7/99	15
353.	VALLEY ARTS	Ireland	2002/01855	225152	9/16/02	4/11/03	15
354.	WURLITZER	Israel	49932	49932	3/24/1980	3/24/1980	15
355.	WURLITZER	Israel	76229	76229	5/4/90	5/4/90	9
356.	CERWIN-VEGA	Italy	33546C/79	1257568	1/31/1979	4/2/2009	9
357.	STANTON	Italy	MI2009C002316	1283878	1/22/1979	05/21/2010	9
358.	CV Logo	Italy	33534C/79	1257569	1/31/1979	3/12/2010	9
359.	VALLEY ARTS	Italy	2002/5102	993414	9/18/2002	2/21/2006	15
360.	DESIGN BELL	Italy	RM2005C004843	1145837	9/16/2005	10/16/2008	15
361.	DESIGN GUITAR BODY (LES PAUL)	Italy	RM/2004/4929	1096941	8/27/04	2/25/2008	15
362.	DESIGN PEGHEAD (DOVE WING)	Italy	RM2005C004842	1145836	9/16/05	10/16/2008	15
363.	DESIGN BELL (LES PAUL)	Italy	RM/2000/6108	902179	10/13/00	7/16/03	15
364.	DESIGN PINEAPPLE	Italy	RM2005C004841	1145835	09/16/05	10/16/2008	15
365.	DESIGN SPLIT DIAMOND	Italy	RM2005C004844	1145838	09/16/05	10/16/2008	15
366.	DESIGN URN & FLOWERS	Italy	MI2005C004840	1145834	09/16/05	10/16/2008	15
367.	DOBRO	Italy	RM2005C006635	1147472	12/14/05	10/17/08	15
368.	EPIPHONE	Italy	RM/2004/2114	1094330	4/16/04	2/15/2008	15
369.	GIBSON	Italy	10680 C/68	825621	2/20/68	4/10/2000	15
370.	GIBSON	Italy	RM94C/001929	1094275	5/4/94	02/15/2008	9 - 15
371.	LES PAUL	Italy	47020 C/70	272,075	10/29/70	5/7/73	15
372.	LES PAUL	Italy	41802 C/90	601,472	10/1/90	7/13/93	15
373.	LES PAUL	Italy	RM 94C/005263	690805	11/30/94	10/21/96	15
374.	WURLITZER	Italy	RM99C002270	1253211	5/10/1979	3/10/2010	9,
375.	WURLITZER	Italy	RM99C002269	1253209	5/10/1979	3/10/2010	9, 15
376.	BLUE LIGHTNING	Japan	83809/2010	5406619	10/27/2010	4/15/2011	9
377.	BYRDLAND	Japan	S54-094988	1581852	12/14/79	4/27/83	15
378.	CERWIN-VEGA	Japan	S53048627	1520228	06/30/1978	06/29/1982	9

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379.	CV LOGO	Japan	S53048628	1496540	06/30/1978	01/29/1982	9
380.	DESIGN BELL	Japan	50-119,162	1,619,438	10/1/75	9/29/83	15
381.	DESIGN PINEAPPLE	Japan	50-119163	2698550	10/1/75	10/31/94	15
382.	DESIGN SPLIT DIAMOND	Japan	119164/1975	1,680,756	10/1/75	4/20/84	15
383.	DESIGN URN & FLOWERS	Japan	133565/1975	1,680,757	11/13/75	4/20/84	15
384.	DOBRO	Japan	08/002546	4092056	1/17/96	12/12/97	15
385.	DV DEMON	Japan	2000-001962	486548	1/17/00	5/20/05	15
386.	E STYLIZED	Japan	61-103568	2,140,062	10/1/86	5/30/89	15
387.	EPIPHONE	Japan	129 665/70	1,040,508	12/14/70	11/1/73	15
388.	EPIPHONE	Japan	24428/72	1,416,302	2/21/72	4/30/80	15
389.	EPIPHONE	Japan	63-049069	2,325,114	4/28/88	7/31/91	15
390.	EPIPHONE (stylized)	Japan	896012012	5576074	11/5/2012	4/19/2013	9
391.	FLYING V	Japan	542013	1/4/2013	5586665	5/31/2013	15
392.	FLYING V Guitar Body Design	Japan	532013	1/4/2013	5586664	5/31/2013	15
393.	G-NODE	Japan	2010-83810	5392141	10/27/2011	2/18/2011	15
394.	GEAR SHIFT KNOB	Japan	78939/2010	5397545	10/8/2010	3/11/2011	15
395.	GIBSON	Japan	52-008330	1,522,430	2/9/77	6/29/82	42
396.	GIBSON	Japan	2006-065915	5252735	7/14/06	7/14/2006	15
397.	GIBSON	Japan	6-50822	4047237	5/25/94	8/22/97	42
398.	GIBSON	Japan	2008-087456	5324302	10/28/08	5/21/2010	14,18,26
399.	GIBSON	Japan	2008-087457	5371118	10/28/08	11/26/2010	25
400.	GIBSON (stylized w/star)	Japan	62473/2009	5411164	8/17/2009	5/13/2011	16,25
401.	GIBSON CUSTOM COLLECTOR'S CHOICE	Japan	35280/2010	5355851	5/6/2010	9/24/2010	15
402.	GIBSON GUITAR	Japan	2008-087459	5239104	10/28/08	6/12/09	15
403.	GIBSON QUICK CONECT	Japan	31706/2011	5443117	5/10/2011	10/7/2011	15
404.	GIBSON SG	Japan	2593/2011	5417283	1/18/2011	6/10/2011	15
405.	GIBSON TONE BALANCE	Japan	84195/2010	5435716	10/28/2010	10/4/2011	15
406.	GIG-PAD	Japan	83811/2010	5406620	10/27/2010	4/15/2011	9
407.	GOLD TONE	Japan	83808/2010	5392140	10/27/2011	2/18/2011	15
408.	GOTHIC MORTE	Japan	98295/2010	5405013	12/17/2010	4/8/2011	15
409.	HAMILTON	Japan	44657/2012	5536013	6/4/2012	11/16/2012	15
410.	HUMBUCKER	Japan	5-722534	1,635,553	1/18/74	11/25/83	15
411.	KRAMER	Japan	09-002466	4420766	1/16/97	9/29/00	15
412.	LES PAUL	Japan	6-121247	3310140	12/2/94	5/23/97	15
413.	LES PAUL	Japan	113437/10	1,522,394	10/27/70	6/29/82	15
414.	LES PAUL BODY DESIGN	Japan	H06-121248	409767	12/2/1994	8/29/1997	15
415.	LES PAUL STEAMPUNK	Japan	1068/2011	5415868	1/11/2011	6/3/2011	15
416.	MAESTRO	Japan	78454/2010	5406581	10/7/2010	4/15/2011	15
417.	MELODY MAKER	Japan	41511/2011	5497784	6/15/2011	6/1/2012	15
418.	MO' BABY	Japan	10-57893	4296710	7/9/98	7/16/99	15
419.	Min-ETune	Japan	869672012	5576025	10/26/2012	4/19/2013	15
420.	MODERNE	Japan	10-57894	4351792	7/9/98	1/14/00	15

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421.	MORPHED	Japan	98296/2010	5405014	12/17/2010	4/8/2011	15
422.	OB LOGO	Japan	10-14978	4,341,033	2/26/98	12/3/99	15
423.	OBERHEIM	Japan	10-14977	4,341,032	2/26/98	12/3/99	15
424.	PICKERING	Japan	S4839541	1211280	03/07/1973	07/26/1976	9
425.	PIKO NET	Japan	83441/2010	5390063	10/27/2010	2/10/2011	15
426.	PROPHECY	Japan	41512/2011	5453439	6/15/2011	11/25/2011	15
427.	PURE ANALOG	Japan	79376/2010	5388423	10/12/2010	2/4/2011	15
428.	ROBOT TUNERS	Japan	83577/2012	5572407	10/16/2012	4/15/2013	15
429.	SLINGERLAND	Japan	5-120244	3207462	11/30/93	10/31/96	15
430.	SPIRIT	Japan	H03-049815	2695055-1	05/14/91	9/30/94	15
431.	STEINBERGER	Japan	57-89884	1,871,916	4/5/96	6/27/86	15
432.	UBERCASE	Japan	536622012	5549757	7/3/2012	1/11/2013	15
433.	VALLEY ARTS	Japan	2002-074729	4665151	9/3/02	4/18/03	15
434.	VALLEY ARTS GUITARS	Japan	59-84549	1,969,924	7/31/84	7/23/87	15
435.	VAMPIRE BLOOD MOON	Japan	98294/2010	5405012	12/17/2010	4/8/2011	15
436.	VIBROLA	Japan	41513/2011	5453440	6/15/2011	11/25/2011	15
437.	WILSHIRE	Japan	41510/2011	5453438	6/15/2011	11/25/2011	15
438.	WURLITZER	Japan	H02-051542	2,444,218	05/10/90	8/31/1992	15
439.	WURLITZER	Japan	H03-003834	2592839	1/21/91	10/29/93	9
440.	YOU PLAY WE TUNE	Japan	100995/2012	5580375	12/13/2012	5/2/2013	15
441.	KRK	Malaysia	2011015555	2011015555	8/26/2011	7/18/2012	9
442.	GIBSON	Malaysia	9610128	9610128	8/27/96	8/27/96	9
443.	GIBSON	Malaysia	6012232	6012232	7/12/06	7/12/06	9
444.	EPIPHONE	Malaysia	97/00073	97/00073	1/3/97	1/3/97	15
445.	VALLEY ARTS	Malaysia	02010663	02010663	8/29/02	8/29/02	15
446.	KRAMER	Malaysia	97/00074	97/00074	1/3/97	1/3/97	15
447.	EPIPHONE	Mexico	43130	355,059	6/3/88	11/8/88	36
448.	GIBSON	Mexico	78,966	194,204	3/19/74	2/23/76	15
449.	GIBSON	Mexico	78,967	195,624	3/19/74	6/7/76	21
450.	GIBSON	Mexico	800518	991842	8/15/06	7/10/2007	9
451.	KRAMER	Mexico	283733	541.068	1/9/97	1/9/97	15
452.	LES PAUL	Mexico	195,177	195,177	6/3/74	4/23/76	9, 15, 20
453.	VALLEY ARTS	Mexico	567287	767,658	9/24/02	10/31/02	15
454.	WURLITZER	Mexico	301,018	301,018	2/10/86	2/10/86	15
455.	CERWIN VEGA	Mexico	223653	497744	2/6/1995	7/20/1995	9
456.	CV LOGO	Mexico	249436	249436	3/28/1980	3/28/1985	9
457.	PICKERING	Mexico	86704	325224	1/20/1975	10/14/1986	9
458.	PROSTAX	Mexico	195910	461021	4/12/1994	5/18/1994	9
459.	STANTON	Mexico	689562	873745	11/24/2004	3/29/2005	9
460.	DESIGN BELL	New Zealand	113,449	113,449	10/9/75	2/13/78	15
461.	DESIGN PEGHEAD (DOVE WING)	New Zealand	113,450	113,450	10/9/75	3/23/79	15

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462.	DESIGN PINEAPPLE	New Zealand	113,447	113,447	10/9/75	4/29/77	15
463.	DESIGN SPLIT DIAMOND	New Zealand	113,448	113,448	10/9/75	4/29/44	15
464.	DESIGN URN & FLOWERS	New Zealand	113,446	113,446	10/9/75	2/1/79	15
465.	EPIPHONE	New Zealand	271121	271121	12/23/96	9/24/97	15
466.	GIBSON	New Zealand	86,085	86,085	1/19/68	8/18/70	36
467.	GIBSON	New Zealand	751240	751240	7/14/06	4/5/07	9
468.	KRAMER	New Zealand	270964	270964	12/19/96	8/19/98	15
469.	VALLEY ARTS	New Zealand	663548	663548	8/29/02	3/3/03	15
470.	WURLITZER	New Zealand	B37,732	B37,732	8/8/39	8/8/39	9
471.	WURLITZER	New Zealand	69757	69757	10/27/61	1/22/1963	15
472.	KRK	New Zealand	847163	847163	8/5/2011	2/7/2012	9
473.	KRK	Norway	201109508	263168	08/22/2011	12/22/2011	9
474.	STANTON	Norway	201110270	265122	09/07/2011	04/24/2012	9
475.	DESIGN BELL	Norway	96,073	96,073	10/6/75	2/26/76	15
476.	DESIGN PEGHEAD (DOVE WING)	Norway	123510	97,028	10/6/75	8/5/76	15
477.	DESIGN SPLIT DIAMOND	Norway	123511	96,072	10/6/75	2/26/76	15
478.	E STYLIZED	Norway	864192	131,790	10/22/86	3/3/88	15
479.	EPIPHONE	Norway	118.856	92,541	5/20/74	1/9/75	15
480.	GIBSON	Norway	95,265	82,260	4/22/68	7/27/71	15
481.	GIBSON	Norway	200611195	239471	10/12/06	5/31/07	15
482.	KRAMER	Norway	97.0707	185418	1/28/97	9/25/97	15
483.	LES PAUL	Norway	93,929	93,929	5/20/74	5/29/75	15
484.	WURLITZER	Norway	27494	27494	7/12/1939	7/12/1939	9
485.	CERWIN-VEGA	Norway	201109506	269467	08/22/2011	2/15/2013	9
486.	EPIPHONE	Panama	086005-01	086005-01	2/27/97	6/30/98	15
487.	GIBSON	Panama	14178-01	14178-01	4/11/68	6/11/71	9 - 15
488.	GIBSON	Panama	60007-01	60,007-01	6/11/71	6/11/71	15
489.	GIBSON	Panama	154308-01	154308-01	9/11/06	09/11/2006	9
490.	KRAMER	Panama	086004-01	086004-01	2/27/97	2/27/97	15
491.	VALLEY ARTS	Panama	123346-01	123346-01	10/1/02	10/1/2002	15
492.	KRAMER	Paraguay	25906-96	196487	12/19/96	8/28/97	15
493.	EPIPHONE	Paraguay	25-81696	196479	12/18/96	8/28/97	15
494.	EPIPHONE	Paraguay	25814-96	196480	12/18/96	8/28/97	15
495.	GIBSON	Paraguay	1094	300574	4/6/76	3/4/77	9
496.	GIBSON	Paraguay	14454-96	302597	7/18/96	8/14/97	15

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497.	LES PAUL	Paraguay	226554	125202	2/21/97	7/13/00	15
498.	VALLEY ARTS	Paraguay	21418-2002	256397	9/4/02	4/21/2003	15
499.	GIBSON	Peru	369654-2008	154546	10/13/08	6/30/2009	15
500.	WURLITZER	Peru	204121-1992	99530	6/5/92	9/30/1992	9
501.	CERWIN	Philippines	42012501884	42012501884	07/23/2012	3/7/2013	9
502.	DESIGN BELL	Philippines	98795-PN	4-1995-99773	1/11/95	1/14/00	15
503.	DESIGN GUITAR BODY (LES PAUL)	Philippines	4-1995-99774	4-1995-99774	3/8/95	3/10/00	15
504.	DESIGN PEGHEAD (DOVE WING)	Philippines	98798-PN	4-1995-99776	3/8/95	1/14/00	15
505.	EPIPHONE	Philippines	4-2009-003150	4-2009-003150	3/25/2009	12/17/2009	15
506.	GIBSON	Philippines	41995098799	41995098799	3/8/95	11/10/05	15
507.	GIBSON	Philippines	4-2006-50016	4200650016	7/13/06	7/16/2007	9
508.	KRAMER	Philippines	117873	117873	2/13/97	6/26/03	15
509.	LES PAUL	Philippines	98797-PN	4-1995-99775	3/8/95	12/14/99	15
510.	VALLEY ARTS	Philippines	4-2002-07340	4-2002-07340	8/30/02	4/16/04	15
511.	CERWIN-VEGA	Philippines	41995102996D	4-1995-127935	09/27/1995	12/11/2006	9
512.	CV Logo	Philippines	4199510995D	4-1995-127797	09/27/2005	07/08/2004	9
513.	KRK	Philippines	4-2011-009998	4-2011-009998	08/22/2011	03/01/2012	9
514.	CERWIN-VEGA	Poland	112559	87551	08/14/1992	11/7/1995	9
515.	CV Logo	Poland	112556	81683	08/14/1992	10/27/1994	9
516.	EPIPHONE	Portugal	187,193	187,193	8/28/74	1/20/82	15
517.	GIBSON	Portugal	222,936	222,936	11/3/83	10/15/92	15
518.	KRAMER	Portugal	321,553	321,553	1/28/97	9/1/97	15
519.	LES PAUL	Portugal	187,195	187,195	8/28/74	1/20/82	15
520.	VALLEY ARTS	Portugal	366 524	366 524	8/28/02	7/14/03	15
521.	WURLITZER	Portugal	396880	396889	1/6/2006	10/4/2007	9
522.	CERWIN-VEGA	Russia	119463	119463	---	08/24/1994	9
523.	CV Logo	Russia	118640	118640	---	08/08/1994	9
524.	DOVE WING PEG HEAD DESIGN	Russia	2010718093	463021	6/3/2010	5/30/2012	15
525.	EPIPHONE	Russia	2011723737	477103	6/25/2011	12/20/2012	9,15
526.	GIBSON	Russia	2011720316	459549	6/27/2011	4/16/2012	15
527.	LES PAUL	Russia	2010718091	443925	6/3/2010	9/5/2011	15
528.	LES PAUL GUITTAR BODY DESIGN	Russia	2010718092	449828	6/3/2010	12/23/2011	15
529.	DESIGN BELL	Singapore	T7565811C	T7565811C	10/15/75	4/27/1978	15
530.	DESIGN PEGHEAD (DOVE WING)	Singapore	T7565813Z	T7565813Z	10/15/75	8/25/1980	15
531.	DESIGN SPLIT DIAMOND	Singapore	T7565812A	T7565812A	10/15/75	12/27/1976	15
532.	EPIPHONE	Singapore	S/163/97	T97/00163Z	1/7/97	1/7/97	15
533.	GIBSON	Singapore	S/64970	S/64970	7/29/95	7/29/95	15

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534.	GIBSON	Singapore	T0615218D	T0615218D	7/27/06	7/27/2006	9
535.	KRAMER	Singapore	190/97	T97/00190G	1/7/97	1/7/97	15
536.	VALLEY ARTS	Singapore	T02/139 84A	T02/13984A	9/10/02	9/10/2002	15
537.	STANTON	Singapore	69779	T7669779A	11/23/1976	11/23/1976	9
538.	PICKERING	Singapore	69778	B225182	11/23/1976	05/04/1982	9
539.	CERWIN-VEGA	Singapore	T7979754A	T7979754A	03/30/1979	11/3/1989	9
540.	KRK	Singapore	T1112578E	T1112578E	09/12/2011	09/24/2012	9
541.	DESIGN BELL	South Africa	75/5230	74/5230	9/30/75	9/30/75	15
542.	DESIGN PEGHEAD (DOVE WING)	South Africa	75/5233	75/5233	9/30/75	7/4/77	15
543.	DESIGN PINEAPPLE	South Africa	75/5234	75/5234	9/30/75	11/5/76	15
544.	DESIGN SPLIT DIAMOND	South Africa	75/5232	75/5232	9/30/75	3/25/77	15
545.	DESIGN URN & FLOWERS	South Africa	75/5231	75/5231	9/30/75	5/6/77	15
546.	EPIPHONE	South Africa	76/2563	76/2563	5/21/76	9/2/77	15
547.	GIBSON	South Africa	68/0226	68/0226	1/19/68	1/19/68	15
548.	GIBSON	South Africa	2006/15746	2006/15746	7/14/2006	3/18/2011	9
549.	GIBSON	South Africa	68/0225	68/0225	1/19/68	1/19/68	15
550.	LES PAUL	South Africa	B/81/0412	B/81/0412	1/22/81	11/11/83	15
551.	KRAMER	South Africa	96/18270	96/18270	12/20/96	12/20/96	15
552.	WURLITZER	South Africa	B73/1164	B73/1164	3/12/73	3/7/1974	9
553.	VALLEY ARTS	South Africa	2002/13108	2002/13108	---	8/30/2002	15
554.	CERWIN-VEGA	South Korea	4020110046279	956757	8/24/2011	3/5/2013	9
555.	DESIGN BELL	South Korea	95-30118	372376	8/4/95	8/13/97	15
556.	DESIGN GUITAR (STEINBERGER)	South Korea	83-15780	109,982	11/16/83	2/6/85	15
557.	DESIGN PEGHEAD (DOVE WING)	South Korea	95-30117	389775	8/4/95	1/7/98	15
558.	DOBRO	South Korea	35-48430	394535	12/19/95	2/6/98	15
559.	E STYLIZED	South Korea	93-019407	301,554	6/9/93	11/7/94	15
560.	EPIPHONE	South Korea	93-019406	301,555	6/9/93	11/7/94	15
561.	EPIPHONE	South Korea	40-2011-0039588	958064	7/21/2011	3/12/2013	9

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562.	EXP	South Korea	40-2001-0005553	515993	2/15/01	3/27/02	15
563.	GIBSON GUITAR & DESIGN	South Korea	40-2001-22969	0525009	5/28/01	7/10/02	15
564.	GIBSON	South Korea	50/2000-9993	74,915	3/13/80	1/27/81	15
565.	GIBSON	South Korea	Unknown	715564	7/2/2007	7/2/2007	9
566.	KRAMER	South Korea	35-57141	390884	1/20/96	1/14/98	51
567.	LES PAUL	South Korea	81-2239	79,812	3/16/81	1/6/82	51
568.	ORVILLE	South Korea	89-12718	194613	5/24/89	6/22/90	15
569.	PICKERING	South Korea	4019810001302	4000793570000	2/4/1981	12/15/1981	9
570.	STANTON	South Korea	4019810001145	4000793520000	2/4/1981	12/15/1981	9
571.	STEINBERGER	South Korea	83-15781	109,097	11/16/83	1/17/85	15
572.	VALLEY ARTS	South Korea	2002-0039211	0560198	8/28/02	9/23/03	15
573.	LP	South Korea	2005-000447	0636863	2/01/05	10/28/05	15
574.	WURLITZER	South Korea	Unknown	236634	4/29/92	4/29/92	9
575.	WURLITZER	South Korea	Unknown	245627	8/4/92	8/4/92	15
576.	WURLITZER	South Korea	Unknown	247865	8/24/92	8/24/92	9
577.	DESIGN BELL	Spain	800,428	800,428	10/9/75	3/31/78	15
578.	DESIGN PEGHEAD (DOVE WING)	Spain	800,430	800,430	10/9/75	3/31/78	15
579.	DESIGN SPLIT DIAMOND	Spain	800,429	800,429	10/9/75	3/31/78	15
580.	E STYLIZED	Spain	749,980	749,980	4/20/74	7/26/77	15
581.	EPIPHONE	Spain	762,274	762,274	8/5/74	6/10/77	15
582.	GIBSON	Spain	2069439	2069439	1/22/97	7/7/97	15
583.	KRAMER	Spain	2069961	2069961	1/24/97	7/7/97	15
584.	LES PAUL	Spain	749,981	749,981	4/20/74	7/26/77	15
585.	VALLEY ARTS	Spain	1327980 M7	1327980 M7	4/25/89	2/5/91	15
586.	VALLEY ARTS	Spain	2502615(1)	2502615	8/29/02	10/27/04	15
587.	WURLITZER	Spain	65669 M	65669 M	11/18/26	10/5/27	9, 15
588.	CERWIN-VEGA	Spain	885679M	885679M	08/14/1978	10/20/1979	9
589.	CV Logo	Spain	885678M	885678M	08/14/1978	07/20/1979	9
590.	DESIGN BELL	Sweden	4272/1975	154,513	10/2/75	2/27/76	15
591.	DESIGN PEGHEAD (DOVE WING)	Sweden	1901/54515	154,515	12/5/75	2/27/76	15
592.	DESIGN SPLIT DIAMOND	Sweden	1901/54514	154,514	12/5/75	2/27/76	15

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593.	E STYLIZED	Sweden	1901/54381	154,381	4/23/74	2/20/76	15
594.	EPIPHONE	Sweden	2009/07659	408460	10/1/09	12/18/09	9, 15
595.	GIBSON	Sweden	2006/00527	384033	1/18/06	10/13/06	9, 15
596.	KRAMER	Sweden	97-00759	332 486	1/22/97	8/20/99	15
597.	LES PAUL	Sweden	2011/1974	150,633	4/23/74	3/7/75	15
598.	SONEX	Sweden	2009/07660	410096	10/1/09	03/26/2010	15
599.	VALLEY ARTS	Sweden	02-05666	360819	9/3/02	05/02/2003	15
600.	WURLITZER	Sweden	90378	90378	09/4/1959	09/23/1960	9, 15
601.	CV Logo	Sweden	2003007711	036754	12/19/2003	01/24/2004	9
602.	CERWIN with Logo	Sweden	2012/06089	509276	8/28/2012	11/30/2012	9
603.	CERWIN-VEGA	Sweden	197901795	189445	3/30/1979	12/23/1983	9
604.	DESIGN BELL	Switzerland	5190	281,429	10/27/75	10/27/75	15
605.	DESIGN SPLIT DIAMOND	Switzerland	5192	281,430	10/27/75	5/4/76	15
606.	EPIPHONE	Switzerland	2665	292,224	5/27/77	4/6/78	15
607.	GIBSON	Switzerland	56549/2006	551412	7/24/06	10/23/06	9, 15
608.	GIBSON (stylized)	Switzerland	02826/1988	P-362992	4/23/1988	7/29/1988	9
609.	KRAMER	Switzerland	3121/1996	442697	12/18/96	7/11/97	15
610.	KRK (logo)	Switzerland	590022011	643070	08/05/2011	2/13/2013	9
611.	LES PAUL	Switzerland	5492	306,065	10/25/79	10/22/80	15
612.	VALLEY ARTS	Switzerland	7620/2002	505023	9/3/02	11/12/02	15
613.	WURLITZER	Switzerland	P-351543	P-351543	10/15/86	2/17/87	9, 15
614.	STANTON	Switzerland	5780	P298782	11/27/1978	05/23/1979	9
615.	STANTON	Switzerland	599082011	623341	08/31/2011	12/2/2011	9
616.	CERWIN-VEGA!	Taiwan	100055193	01574880	10/27/2011	4/16/2013	9
617.	CV Logo	Taiwan	100055192	01574879	10/27/2011	4/16/2013	9
618.	DESIGN BELL	Taiwan	84029793	715453	6/16/95	5/1/96	15
619.	DESIGN PEGHEAD (DOVE WING)	Taiwan	84029794	722357	6/16/95	7/16/96	15
620.	EPIPHONE	Taiwan	100036141	1535426	7/18/2011	9/1/2012	9,15
621.	GIBSON	Taiwan	322,551	322,551	4/16/86	6/1/86	9
622.	GIBSON	Taiwan	735630	735630	11/3/1995	11/16/1996	Local 85
623.	GIBSON	Taiwan	95936468	01407536	7/14/06	5/1/2010	9
624.	KRAMER	Taiwan	85065058	00809584	12/20/96	7/16/98	15
625.	LES PAUL	Taiwan	153790	153790	6/1/01	6/16/2001	25
626.	SLINGERLAND	Taiwan	84023415	715448	5/15/95	5/1/96	15
627.	WURLITZER	Taiwan	141394	141394	7/1/2010	10/1/2010	Local 92
628.	WURLITZER	Taiwan	141437	141437	7/1/2010	10/1/2010	Local 94
629.	STANTON	Taiwan	065010164	00091813	11/23/1976	9/1/1977	9
630.	PICKERING	Taiwan	065010163	00091812	11/23/1976	09/1/1977	9
631.	EPIPHONE	Thailand	326012	TM74648	1/15/97	7/14/98	15
632.	GIBSON	Thailand	280685	TM26000	2/11/85	12/6/85	15
633.	GIBSON	Thailand	635143	TM281334	8/9/06	8/9/06	9
634.	KRAMER	Thailand	325483	TM67420	1/7/97	1/13/98	15

No.	MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
635.	STEINBERGER	Thailand	341,356	63541	8/15/97	9/25/97	15
636.	CERWIN-VEGA	Thailand	247971	TM5003	08/3/1983	08/3/1983	9
637.	VALLEY ARTS	Thailand	497065	181375	9/5/2002	9/5/2002	15
638.	KRK	United Arab Emirates	161702	161702	8/24/2011	12/9/2012	9
639.	DESIGN BELL	U.K.	1,052,834	1,052,834	9/30/75	10/21/76	15
640.	DESIGN GUITAR BODY (LES PAUL)	U.K.	2,002,868	2,002,868	11/18/94	2/4/00	15
641.	DESIGN PEGHEAD (DOVE WING)	U.K.	1,052,837	1,052,837	9/30/75	11/30/77	15
642.	DESIGN PINEAPPLE	U.K.	1,052,836	1,052,836	9/30/75	9/21/76	15
643.	DESIGN SPLIT DIAMOND	U.K.	1,052,835	1,052,835	9/30/75	9/21/76	15
644.	DESIGN URN & FLOWERS	U.K.	1,052,838	1,052,838	9/30/75	9/21/76	15
645.	DOBRO	U.K.	2048827	2048827	12/15/95	1/24/97	15
646.	EPIPHONE	U.K.	1,028,099	1,028,099	4/17/74	12/2/75	15
647.	GIBSON	U.K.	641,792	641,792	11/13/45	11/13/45	15
648.	GIBSON	U.K.	919,908	919,908	1/18/68	1/5/70	15
649.	HUMBUCKER	U.K.	1,034,913	1,034,913	9/4/74	11/24/75	15
650.	HUMBUCKING	U.K.	1,049,542	1,049,542	7/15/75	6/23/76	15
651.	KRAMER	U.K.	2121523	2121523	1/22/97	7/25/97	15
652.	LES PAUL	U.K.	966,526	966,526	5/20/70	10/19/1970	15
653.	LES PAUL	U.K.	1,066,634	1,066,634	8/2/76	8/2/1976	15
654.	LES PAUL	U.K.	1,109,467	1,109,467	2/13/79	2/13/1979	9
655.	S-G	U.K.	1,035,864	1,035,864	9/26/74	12/2/76	9-20
656.	SLINGERLAND	U.K.	2,020,462	2,020,462	5/12/95	2/23/96	15
657.	VALLEY ARTS	U.K.	2309441	2309441	8/30/02	1/31/03	15
658.	WURLITZER	U.K.	B460437	B460437	7/9/25	7/9/1925	9
659.	WURLITZER	U.K.	B605450	B605450	3/21/74	3/21/1939	9
660.	STANTON	U.K.	1062760	1062760	05/12/1976	01/20/1981	9
661.	PICKERING	U.K.	1062759	1062759	5/12/1976	5/12/1976	9
662.	CERWIN-VEGA!	U.K.	1063773	1063773	6/2/1976	6/2/1976	9
663.	CV Logo	U.K.	1063771	1063771	6/2/1976	6/2/1976	9
664.	GIBSON	Uruguay	374,098	374,098	9/12/06	10/12/2007	15
665.	STANTON	Uruguay	170365	170365	1/29/1982	5/13/1982	9
666.	EPIPHONE	Venezuela	1069-97	P-203360	1/21/97	1/23/98	15
667.	GIBSON	Venezuela	6269-77	94.054-F	8/24/77	4/18/80	9, 21
668.	GIBSON	Venezuela	650	60.636-F	2/1/68	10/9/70	Local Class 36
669.	VALLEY ARTS	Venezuela	2002-013437	P-248890	8/29/02	11/4/03	15
670.	WURLITZER	Venezuela	67,173/71	67,173/71	12/13/71	12/13/1971	Local 21
671.	STANTON	Venezuela	90766	90766	2/16/1977	4/18/1979	9
672.	DESIGN OF A BELL SHAPE	Vietnam	4-2002-01482	47220	3/22/02	6/6/03	15
673.	DESIGN OF PEGHEAD PROFILE	Vietnam	4-2002-01483	54566	3/22/02	6/3/04	15

No.	MARK	COUNTRY	SERIAL NO.	ISSUE NO.	FILING DATE	ISSUE DATE	CLASS
674.	EPIPHONE	Vietnam	4-2002-01480	47048	3/22/02	5/28/03	9,15
675.	GIBSON	Vietnam	4-2002-01484	47049	3/22/02	5/28/03	9,15
676.	KRAMER	Vietnam	4-2002-01489	47050	3/25/02	5/28/03	15
677.	LES PAUL	Vietnam	4-2002-01481	47942	3/22/02	6/19/03	15
678.	VALLEY ARTS	Vietnam	4-2002-05416	51660	9/4/02	12/24/03	15

SCHEDULE C

Gibson Brands, Inc. U.S. Copyrights

TITLE	CLASS	**REG. NO.**	**DATE OF REG.**
"DRUMMER" software	Computer File	TXu000465157	March 1, 1991
Drummer & 3 other titles	Recorded Document	V3532D287	November 15, 2005
Drummer software & 3 other titles	Recorded Document	V3528D721	August 24, 2005
Drummer software & 4 other titles	Recorded Document	V3558D346	December 6, 2006
Drummer, software & 4 other titles	Recorded Document	V3602D783	March 25, 2011
Drummer software & 6 other titles	Recorded Document	V3602D794	March 25, 2011
Gibson Kids Presents	Sound Recording	SRu000205013	February 26, 1991
Gibson Guitars: 100 years of an American Icon	Text	TX0004178780	September 20, 1995
Gibson Kids sample curriculum: grade pre-kindergarten - sixth November 1990	Text	TXu000463937	April 3, 1991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor:	James Mazur	Attorney Docket No.:	GIB-STANS - 366
Patent Number:	7,567,498	Art Unit:	2627
Filed:	06-08-2004	Examiner:	Simpson, Lixi Chow
Title:	PHONOGRAPH TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE		

ASSERTION OF LARGE ENTITY STATUS UNDER 37 C.F.R. § 1.27 and 1.33(b)

Mail Stop:
Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

Dear Commissioner:

This submission is to express that the new Patent Assignee, Gibson Guitar Corp. (as of December 11, 2011), hereby states that Assignee is a large entity and that status as a large entity is hereby asserted for the above referenced patent.

Respectfully submitted,

Dated: 02/07/2013

/Andrea E. Bates/
Andrea E. Bates Reg. No. 54621
BATES & BATES LLC
964 DeKalb Ave., Suite 101
Atlanta, GA 30307
Telephone: (404) 228-7439
Facsimile: (404) 963-6231

Electronic Acknowledgement Receipt

EFS ID:	14897945
Application Number:	10862942
International Application Number:	
Confirmation Number:	5246
Title of Invention:	PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE
First Named Inventor/Applicant Name:	James Mazur
Customer Number:	82264
Filer:	Andrea Elizabeth Bates
Filer Authorized By:	
Attorney Docket Number:	01.015
Receipt Date:	07-FEB-2013
Filing Date:	08-JUN-2004
Time Stamp:	09:49:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	AssertationLargeEntityUSReg7567498.pdf	66210 fae1a7f7d3491209bcb875edb1afaa26cd81b965	no	1

Warnings:	
Information:	

Total Files Size (in bytes):	66210

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/862,942	06/08/2004	James Mazur	01.015

CONFIRMATION NO. 5246

POA ACCEPTANCE LETTER

82264
BATES & BATES, LLC
964 Dekalb Ave.
Suite 101
ATLANTA, GA 30307

OC00000057026771

Date Mailed: 10/16/2012

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/27/2012.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/pasmall/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

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United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/862,942	06/08/2004	James Mazur	01.015

CONFIRMATION NO. 5246

POWER OF ATTORNEY NOTICE

91020
Stone Creek Services LLC
Alan M Flum
1286 Rockinghorse Ln
Lake Oswego, OR 97034

OC000000057026754

Date Mailed: 10/16/2012

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 09/27/2012.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/pasmall/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PTO/SB/81 (01-09)
Approved for use through 11/30/2011. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	10/862,942
Filing Date	06-08-2004
First Named Inventor	James Mazur
Title	PHONOGRAPHIC TURNTABLE W/ BUILT-IN AUDIO...
Art Unit	2627
Examiner Name	SIMPSON, LIXI CHOW
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

82264

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☐ Applicant/Inventor.

OR

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on 12/11/2011.

SIGNATURE of Applicant or Assignee of Record

Signature	R. Mitchell	Date	9-5-12
Name	Bruce Mitchell	Telephone	615-871-4500
Title and Company	General Counsel/Gibson Guitar Corp.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/96 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Gibson Guitar Corp.

Application No./Patent No.: 7,567,498 Filed/Issue Date: 07-28-2009

Titled: PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

Gibson Guitar Corp. , a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;

2. ☐ an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 027362, Frame 0724, or for which a copy therefore is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

R a MMA

Signature

9-5-12

Date

Bruce Mitchell

Printed or Typed Name

General Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	13853042
Application Number:	10862942
International Application Number:	
Confirmation Number:	5246
Title of Invention:	PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE
First Named Inventor/Applicant Name:	James Mazur
Customer Number:	91020
Filer:	Andrea Elizabeth Bates
Filer Authorized By:	
Attorney Docket Number:	01.015
Receipt Date:	27-SEP-2012
Filing Date:	08-JUN-2004
Time Stamp:	13:49:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	Phonographicturntable.pdf	150281 6a875e9ee85114616580 9cdcbdbd2124d8164900	no	2

Warnings:	
Information:	

Total Files Size (in bytes):	150281

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/862,942	06/08/2004	James Mazur	488-194

CONFIRMATION NO. 5246

POA ACCEPTANCE LETTER

91020
Stone Creek LLC
Alan M Flum
2019 NE 179 Street P67
Ridgefield, WA 98642

OC000000044412248

Date Mailed: 11/12/2010

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/01/2010.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/hchristian/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/862,942	06/08/2004	James Mazur	488-194

CONFIRMATION NO. 5246

29540
DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

POWER OF ATTORNEY NOTICE

OC000000044411604

Date Mailed: 11/12/2010

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/01/2010.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/hchristian/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PTO/SB/81A (12-08)
Approved for use through 11/30/2011. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Patent Number	7,567,498
Issue Date	2009-07-28
First Named Inventor	James Mazur
Title	PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE
Attorney Docket Number	488-194

I hereby revoke all previous powers of attorney given in the above-identified patent.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith: 91020

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified patent to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☐ Inventor, having ownership of the patent.

OR

☒ Patent owner.

Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____.

SIGNATURE of Inventor or Patent Owner

Signature	/Timothy Dorwart/	Date	November 1, 2010
Name	Timothy Dorwart	Telephone	954-949-9604
Title and Company	CEO, Stanton Magnetics, Inc.		

NOTE: Signatures of all the inventors or patent owners of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/SB/96 (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Stanton Magnetics, Inc.

Application No./Patent No.: 7,567,498 Filed/Issue Date: 2009-07-28

Titled: PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

Stanton Magnetics, Inc. , a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;

2. ☐ an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015449, Frame 0645, or for which a copy therefore is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Timothy Dorwart/ November 1, 2010

Signature Date

Timothy Dorwart CEO

Printed or Typed Name Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	8747395
Application Number:	10862942
International Application Number:	
Confirmation Number:	5246
Title of Invention:	PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE
First Named Inventor/Applicant Name:	James Mazur
Customer Number:	29540
Filer:	Alan Mark Flum
Filer Authorized By:	
Attorney Docket Number:	488-194
Receipt Date:	01-NOV-2010
Filing Date:	08-JUN-2004
Time Stamp:	21:53:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	01-015_POA.pdf	699364 47a8bc5fe2303bc3412c80351fc654d46194d7f4	no	2

Warnings:	
Information:	

2	Assignee showing of ownership per 37 CFR 3.73(b).	01-015_SB96.pdf	437272 3ec9d6afcb2eb458257230882d538ebf6a8f57e6	no	2

Warnings:	
Information:	
Total Files Size (in bytes):	1136636

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	07/28/2009	7567498	488-194	5246

29540 7590 07/08/2009

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 651 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

James Mazur, Ft. Lauderdale, FL;
Alan Flum, Tamarac, FL;
Erik Themmen, Pompano Beach, FL;
Mark Demouy, Hollywood, FL;
Darrin Young, Ft. Lauderdale, FL;

PART B - FEE(S) TRANSMITTAL

JUN 02 2009 PTO/SB/31 OFFICE

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

29540 7590 05/14/2009

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

06/02/2009 HDEMESS2 00000054 10862942

01 FC:2501 755.00 OP
02 FC:1504 300.00 OP
03 FC:8001 15.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Ronald E. Brown (Depositor's name)
(Signature)
May 29, 2009 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

TITLE OF INVENTION: PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$755	$300	$0	$1055	08/14/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHOW, LIXI	2627	369-044340

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 Day Pitney LLP
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Stanton Magnetics, Inc.
(B) RESIDENCE: (CITY and STATE OR COUNTRY): Boynton Beach, Florida

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:
☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 5

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**
☒ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-1145 (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Ronald E. Brown Date May 29, 2009

Typed or printed name Ronald E. Brown Registration No. 32,200

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

29540 7590 05/14/2009

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

EXAMINER	
CHOW, LIXI	
ART UNIT	PAPER NUMBER
2627	

DATE MAILED: 05/14/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

TITLE OF INVENTION: PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$755	$300	$0	$1055	08/14/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
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Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

29540 7590 05/14/2009

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

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Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

TITLE OF INVENTION: PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$755	$300	$0	$1055	08/14/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHOW, LIXI	2627	369-044340

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1_____

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2_____ 3_____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:

❑ Issue Fee

❑ Publication Fee (No small entity discount permitted)

❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**

❑ A check is enclosed.

❑ Payment by credit card. Form PTO-2038 is attached.

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

❑ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

❑ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

29540 7590 05/14/2009

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

EXAMINER	
CHOW, LIXI	
ART UNIT	PAPER NUMBER
2627	

DATE MAILED: 05/14/2009

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 651 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 651 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	10/862,942	MAZUR ET AL.	
	Examiner	Art Unit	
	LIXI CHOW	2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Reply filed 01/21/09*.

2. ☒ The allowed claim(s) is/are *1 and 3-7*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Wayne Young/
Supervisory Patent Examiner, Art Unit 2627

Allowable Subject Matter

1. Although many prior art of record disclose converting analog audio signal reproduced from the record into a digital audio signal; however, none of the them teach having an analog to digital converter and a controller responsive to the analog to digital converter are built inside a turntable. Therefore, none of the reference of record alone or in combination discloses or suggests a turntable including:

a rotatable platter;

a tonearm for receiving a phono cartridge for generating an analog audio signal representative of an audio recording;

an analog to digital converter for receiving an analog audio signal from the phono cartridge; and

a controller responsive to said analog to digital converter for generating an output digital audio signal of music or speech representative of an audio recording from an output of said analog to digital converter, representative of said analog audio signal;

wherein said analog to digital converter and said controller are included within said turntable; and

wherein said output digital audio signal is output from said turntable and uses standard computer protocol.

Accordingly, claims 1 and 3-7 are allowed.

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LIXI CHOW whose telephone number is (571)272-7571. The examiner can normally be reached on Mon-Fri, 8:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Lixi Chow/
Examiner, Art Unit 2627

/Wayne Young/
Supervisory Patent Examiner, Art Unit 2627

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10862942	MAZUR ET AL.
	Examiner	Art Unit
	Lixi Chow	2627

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/06/2008	10/31/2008	05/07/2009						
1	1	✓	✓	=						
	2	-	-	-						
2	3	✓	✓	=						
3	4	✓	✓	=						
4	5	✓	✓	=						
5	6	✓	✓	=						
6	7	✓	✓	=						

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	129	(369/174).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/08 09:24
S123	911	(phono near2 cartridge) or (tonearm) or (tone near2 arm) or phonograph$4 or (phono near2 graph$5)	EPO; JPO	OR	ON	2009/05/07 10:41
S124	77060	("A/D" or AD or analog or digital) near3 (convert $6)	EPO; JPO	OR	ON	2009/05/07 10:41
S125	15	S123 and S124	EPO; JPO	OR	ON	2009/05/07 10:41
S126	587	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier))	EPO; JPO	OR	ON	2009/05/07 10:46
S127	3	S124 and S126	EPO; JPO	OR	ON	2009/05/07 10:46
S128	125976	(stylus or needle or probe or cantilever)	EPO; JPO	OR	ON	2009/05/07 10:50
S129	220880	(analog near2 signal) or (music or sound or audio)	EPO; JPO	OR	ON	2009/05/07 10:51
S130	190	S128 and S129 and S124	EPO; JPO	OR	ON	2009/05/07 10:51
S131	109	(phono near2 cartridge) or phonograph$4 or (phono near2 graph$5)	EPO; JPO	OR	ON	2009/05/07 10:57

S132	3723	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier or player or play$4 or read $4 or apparatus or system or device or unit))	EPO; JPO	OR	ON	2009/05/07 10:58
S134	3832	S131 or S132	EPO; JPO	OR	ON	2009/05/07 10:59
S135	20	S133 and S134	EPO; JPO	OR	ON	2009/05/07 10:59
S136	663573	(stylus or needle or probe or cantilever)	US-PGPUB; USPAT	OR	ON	2009/05/07 11:06
S137	7491	(phono near2 cartridge) or phonograph$4 or (phono near2 graph$5)	US-PGPUB; USPAT	OR	ON	2009/05/07 11:06
S138	20640	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier or player or play$4 or read $4 or apparatus or system or device or unit))	US-PGPUB; USPAT	OR	ON	2009/05/07 11:06
S139	475448	(digital near3 (signal or sound or music or audio))	US-PGPUB; USPAT	OR	ON	2009/05/07 11:07
S142	27865	S137 or S138	US-PGPUB; USPAT	OR	ON	2009/05/07 11:08
S143	561	S139 same S142	US-PGPUB; USPAT	OR	ON	2009/05/07 11:08
S144	69	(369/127).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 11:46
S145	139	(369/155).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 11:48
S146	49	S145 and S142	US-PGPUB; USPAT	OR	ON	2009/05/07 11:49

S147	186	(369/264).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 11:52
S148	39	S142 and S147	US-PGPUB; USPAT	OR	ON	2009/05/07 11:52
S149	20581	(analog near2 (record or carrier or plate or disk or medium or disc)) same (digital$6 or filter$6 or sampl$6)	US-PGPUB; USPAT	OR	ON	2009/05/07 12:01
S152	2631	(analog adj (record or carrier or plate or disk or medium or disc)) same (digital$6 or filter$6 or sampl$6)	US-PGPUB; USPAT	OR	ON	2009/05/07 12:03
S153	52079	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 12:03
S154	65	S152 and S153	US-PGPUB; USPAT	OR	ON	2009/05/07 12:03
S155	4	((turntable or (turn adj table) or phonograph$3 or (phono adj graph$3)) and (cartridge or needle or stylus or probe or cantilever) and ((analog near2 signal) or music or audio or sound) and ((analog or "A/D" or AD) near2 convert$6) and (controll$6 or computer or process$6) and (digital near2 (signal or sound or music or audio))).clm.	US-PGPUB; USPAT	OR	ON	2009/05/07 18:00
S156	88	(369/9).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 18:08

5/8/2009 9:54:12 AM
C:\Documents and Settings\lchow1\My Documents\EAST\Workspaces\10862942.wsp

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BIB DATA SHEET

CONFIRMATION NO. 5246

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
10/862,942	06/08/2004	369	2627	488-194

APPLICANTS

James Mazur, Ft. Lauderdale, FL;
Alan Flum, Tamarac, FL;
Erik Themmen, Pompano Beach, FL;
Mark Demouy, Hollywood, FL;
Darrin Young, Ft. Lauderdale, FL;

**** CONTINUING DATA ***************************

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
07/29/2004

Foreign Priority claimed ☑ Yes ☐ No 35 USC 119(a-d) conditions met ☑ Yes ☐ No Verified and Acknowledged /LIXI CHOW/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		FL	1	5	1

ADDRESS

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311
UNITED STATES

TITLE

Phonographic turntable with built-in audio to USB or firewire device

FILING FEE RECEIVED		
385	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

BIB (Rev. 05/07).

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10862942	MAZUR ET AL.
	Examiner	Art Unit
	Lixi Chow	2627

SEARCHED			
Class	Subclass	Date	Examiner
369	127	5/7/2009	LC
369	155	5/7/2009	LC
369	264	5/7/2009	LC
369	174	5/8/2009	LC

SEARCH NOTES		
Search Notes	Date	Examiner
Updated East search (see search history)	7/6/08	LC
Updated East search (see search history)	10/31/08	LC
Updated East search (see search history)	5/7/2009	LC

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
Interference search (see search history)		5/7/2009	LC

Issue Classification

Application/Control No.	Applicant(s)/Patent Under Reexamination
10862942	MAZUR ET AL.
Examiner	**Art Unit**
LIXI CHOW	2627

ORIGINAL		INTERNATIONAL CLASSIFICATION	
CLASS	SUBCLASS	CLAIMED	NON-CLAIMED
369	174	G 1 1 B 7 / 00 (2006.01.01)	

CROSS REFERENCE(S)

CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
369	9				

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1														
	2														
2	3														
3	4														
4	5														
5	6														
6	7														

/LIXI CHOW/ Examiner.Art Unit 2627 (Assistant Examiner)	05/07/09 (Date)	**Total Claims Allowed:** 6
/WAYNE R YOUNG/ Supervisory Patent Examiner.Art Unit 2627 (Primary Examiner)	05/08/2009 (Date)	O.G. Print Claim(s) 1 O.G. Print Figure 2

IFW

OIPE
JAN 21 2009
PATENT & TRADEMARK OFFICE

488-194

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Mazur et al.

Serial No.: **10/862,942**

Filed: June 8, 2004

For: **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

Art Unit: 2627

Examiner: Lixi Chow

Day Pitney LLP
7 Times Square
New York, New York 10036-7311

AMENDMENT

Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

In response to the Office Action of November 6, 2008, please amend the above-identified application as follows:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on **January 15, 2009**

Ronald E. Brown
Attorney

Signature

January 15, 2009
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-194

Amendments to the Claims:

This listing will replace all prior versions, and listings, of the claims in the application.

Listing of Claims:

1. (currently amended) A turntable including:

a rotatable platter;

a tonearm for receiving a phono cartridge for generating an analog audio signal representative of an audio recording;

an analog to digital converter for receiving an analog audio signal from the phono cartridge; and

a controller responsive to said analog to digital converter for generating an output digital audio signal of music or speech representative of an audio recording from an output of said analog to digital converter, representative of said analog audio signal;

wherein said analog to digital converter and said controller are included within said turntable; and

wherein said output digital audio signal is output from said turntable and uses standard computer protocol.

Claim 2 – (canceled)

3. (previously presented) The turntable of Claim 1 wherein said output digital audio signal uses universal serial bus (USB) protocol.

4. (previously presented) The turntable of Claim 1 wherein said output digital audio signal uses firewire (IEEE-1394) protocol.

5. (previously presented) The turntable of Claim 1 wherein said turntable further includes a jack for outputting said output digital audio signal.

6. (previously presented) The turntable of Claim 1 wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon.

7. (previously presented) The turntable of Claim 6 wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the record being supported by said rotatable platter.

REMARKS

This amendment is offered in response to the Office Action of November 6, 2008.

At the outset, the Examiner's courtesy and helpfulness in the interview of December 23, 2008 is greatly appreciated.

Claim 1 has been amended to clarify that the digital output signal is "output from said turntable" and that the controller is "responsive to said analog to digital converter".

The Office Action rejected Claims 1, 3 and 5-7 under 35 U.S.C. 103(a) as being obvious over the Webster reference (U.S. Patent No. 5,740,146).

The Webster reference discloses an apparatus for removing noise and other audio imperfections from an audio recording. Several different copies of the audio "recording copies" of an old master recording (see col. 6, lines 17-20) are obtained and sequentially provided as an analog output signal from the turntable or "playback unit 110" (which may be virtually any analog source, such as a turntable or various audio tape formats, see col. 6, lines 12-14) to the sound card 116 (sometimes referred to as sound card 114) which is built into or part of computer 114. The sound card in the computer receives the analog signal from the turntable or similar "playback unit" and "digitizes the signals and creates a file for each of the recording copies" (col. 6, lines 16 and 17). The computer synchronizes the resulting digital files of the various recordings. "The synchronization process is critical and potentially time consuming" (col. 8, lines 10 and 11). It is therefore critical that the same sound card be used for the "digitization" of each of the various similar recordings. Moreover, as discussed in col. 7, lines 29-34, the Webster reference suggests the use of a sample rate of approximately four times the maximum audio frequency of 20 kHz (i.e., a sampling rate of 80 kHz) rather than the typical factor of two of the Nyquist theorem, in order "to allow computer 114 to shift the recording files in time one sample

backward or forward without the change being audible ... [to ensure] that the files are temporally aligned to an accuracy well within any difference that a human ear could detect" (col. 7, lines 22-27). If different sound cards were used for different recordings (for example, a haphazard selection of conventional sound cards with 48 kHz and 44.1 kHz sampling rates), the differences in the analog-to-digital conversion, most notably the sampling rate, would result in inherent differences in the recordings making it difficult, if not impossible, to perform the required synchronization, compare different recordings and calculate the differences in recordings that are due to noise or sonic imperfections. For this reason, it is unreasonable to state that the Webster reference would suggest the manufacture of various analog sources with built-in analog-to-digital converters as it is imperative that embodiments of the Webster reference receive an analog signal from the analog source, and that the analog signals from similar recordings are received by the same specialized sound card and converted to digital at an artificially high sampling rate (four times the maximum audio frequency or twice the Nyquist frequency), such as one built into the computer and receiving analog signals as illustrated in the Webster reference. In other words, the Webster reference requires a higher sampling rate than would ordinarily be provided in any hypothetical external sources, in order to allow for the shifting of the data as required by synchronization. The resulting signal would therefore contain a significant amount of information outside of the audio bandwidth, such as more accurate phase information, because is requires an ADC with a sampling rate substantially beyond the ordinary Nyquist rate. Association of the sound card with a specific analog source rather than with the computer would greatly degrade or render inoperable the functionality of the apparatus, particularly if sound cards with different sampling rates or other differences in conversions were used. Similarly, regardless of whether one left the 80 kHz sound card of the Webster reference in the computer or moved the

sound card to the turntable as suggested by the Office Action, one would be generating audio files with a high sampling frequency which would be difficult or impossible to play on standard digital devices (e.g., iPods or similar MP3 players) and would require further processing (such as sampling rate conversion) to ensure that the original audible signal was accurately reproduced. Moreover, such a device would have little or no commercial appeal to today's consumer, quite different from the presently claimed invention.

Similarly, the Webster reference is quite different from the presently claimed invention wherein the conversion of the analog to the digital signal occurs within the turntable (i.e., the analog source) and the digital output is provided from the turntable. With the configuration of the presently claimed invention, the computer is used as a storage and playback device, receiving digital information from the turntable wherein the turntable includes the analog to digital converter to ensure that the sampling is done at a consistent, standard rate. This is specifically recited in Claim 1 in that "said analog to digital converter and said controller are included within said turntable". This is further recited in Claim 1 in that "digital audio signal is output from said turntable" and, with respect to the controller, "an output digital audio signal" (emphasis added) is recited in Claim 1 rather than the "output audio signal" quoted by the Office Action in numbered paragraph 3, line 8. Likewise, the Office Action (numbered paragraph 3, line 12) states that the Webster reference discloses that the "output audio signal uses standard computer protocol". However, Claim 1 recites "said output digital audio signal uses standard computer protocol" (emphasis added) while the output of the "playback unit 110" of Webster is analog and therefore not digital and not "standard computer protocol" (see col. 7, lines 15-21 and col. 6, lines 15-17). Similarly, paragraph 3 of the Office Action states "the playback unit 110 inherently includes a controller for controlling the function within the unit". However, Applicants respectfully refer to

the language of Claim 1 regarding the control unit, particularly regarding the output digital audio signal, and respectfully submit that any hardware within a conventional (analog) playback unit 110 would not include such a control unit as claimed in Claim 1.

Moreover, providing a turntable which provides an output digital audio signal, using standard computer protocol, to a computer for storage and playback, is clearly more commercially desirable for the consumer than is the device of the Webster reference.

The Office Action rejected Claims 3 and 4 under 35 U.S.C. §103(a) as being obvious over the Webster reference in view of the Liao reference (Published Patent Application 2004/0139251). Similarly, in a separate rejection, the Office Action rejected Claims 1 and 3-7 under 35 U.S.C. §103(a) over the Webster reference in view of the Liao reference. It is respectfully submitted that the Liao reference has a less than clear disclosure. While it has passing references to "phonographic equipment", these references include further references to an amplifier. It is difficult to understand why an amplifier would be required in the conversion of analog musical signals to digital signals. Similarly, the signals appear to be transmitted between "function devices" (Abstract, second column, lines 4 and 5; paragraph [0009], line 9 and paragraph [0021], first sentence), suggesting that the signals are control signals. Similarly, paragraph [0021] includes a discussion of a CD player with an amplifier outputting audio signals in the absence of the host device. This does not seem to suggest that the CD player provides digital audio signals to the common interface, as neither an amplifier nor any sort of analog to digital conversion would be required by such a configuration. It is therefore respectfully submitted that the Liao reference does not contain sufficient disclosure to support this rejection.

It is therefore respectfully submitted that these rejections are overcome.

For all of the reasons above, it is respectfully submitted that all of the presently pending claims are in immediate condition for allowance. The Examiner is respectfully requested to withdraw the rejections of the claims, to allow the claims, and to pass this application to early issue.

Respectfully submitted,



Ronald E. Brown
Registration No. 32,200

Gerald Levy
Registration No. 24,419

Day Pitney LLP
7 Times Square
New York, New York 10036-7311
212-297-5800

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
10/862,942	06/08/2004	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	01/21/2009	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 6	Minus	** 20	= 0	X $26 =	0	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X $110 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/TAMMY ACREE/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

29540 7590 12/31/2008

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

EXAMINER	
CHOW, LIXI	
ART UNIT	PAPER NUMBER
2627	
MAIL DATE	DELIVERY MODE
12/31/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary	Application No.	Applicant(s)	
	10/862,942	MAZUR ET AL.	
	Examiner	Art Unit	
	LIXI CHOW	2627	

All participants (applicant, applicant's representative, PTO personnel):

(1) *LIXI CHOW*.

(2) *Ronald Brown*.

(3)*Gerald Levy*.

(4)*Alan Flum*.

Date of Interview: *23 December 2008*.

Type: a)☒ Telephonic b)☐ Video Conference
c)☐ Personal [copy given to: 1)☐ applicant 2)☐ applicant's representative]

Exhibit shown or demonstration conducted: d)☐ Yes e)☒ No.
If Yes, brief description: _____.

Claim(s) discussed: *1*.

Identification of prior art discussed: *Webster and Liao*.

Agreement with respect to the claims f)☒ was reached. g)☐ was not reached. h)☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: *Applicant clarifies the distinction between the teachings of Webster and the claimed invention. Basically, Applicant points that the ADC taught by Webster does not produce an audio signal that is within an audible range; therefore, the audio signal processed by the ADC of Webster would require further processing in order to generate an audible sound. Examiner agrees with Applicant's assertion, and Applicant agrees to amend the claim to distinguish the claimed invention from Webster's teaching.* .

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/Thang V. Tran/ Primary Examiner, Art Unit 2627	

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

———

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

1) A brief description of the nature of any exhibit shown or any demonstration conducted,
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
   (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

29540 7590 11/06/2008

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

EXAMINER	
CHOW, LIXI	
ART UNIT	PAPER NUMBER
2627	
MAIL DATE	DELIVERY MODE
11/06/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/862,942	MAZUR ET AL.	
	Examiner	Art Unit	
	Lixi Chow	2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *25 August 2008*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1 and 3-7* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1 and 3-7* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

However, as the result of the reconsideration, the following rejections are made.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 1, and 5-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Webster (US 5,740,146).

Regarding claim 1:

Webster discloses a turntable including:

a rotatable platter (see Fig. 1, element 110 includes a rotatable platter);

a tonearm for receiving a phono cartridge for generating an analog audio signal representative of an audio recording (see Fig. 1, element 110 and col. 6, lines 15-22); and

a controller for generating an output audio signal of music or speech representative of an audio recording from an output, representative of said analog audio signal (the playback unit 110 inherently includes a controller for controlling the function within the unit); and

wherein said output audio signal uses standard computer protocol (see Fig. 1; the playback unit 110 is connected to a computer 114, therefore, the output audio signal inherently uses standard computer protocol).

Webster also discloses an analog to digital converter for receiving an analog audio signal from the phono cartridge (see Fig. 1, the sound card 116 includes an analog to digital converter). The analog to digital converter taught by Webster is outside of the turntable, i.e., playback unit 110; however, it would have been obvious to one having ordinary skill in the art at the time the invention was made to rearrange the location of the analog to digital converter such that it is located within the turntable, since it has been held that rearranging parts of an invention involves only routine skill in the art. In re Japikse, 86 USPQ 70.

Regarding claim 5:

Webster discloses the turntable wherein said turntable further includes a jack for outputting said output audio signal (see Fig. 1).

Regarding claim 6:

Webster discloses the turntable wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon (see col. 6, lines 15-22).

Regarding claim 7:

Webster discloses the turntable wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the recording being supported by said rotatable platter (see Fig. 1, element 110).

4. Claims 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Webster in view of Liao (US 2004/0139251)

Regarding claims 3 and 4:

Webster does not disclose the output signal uses USB or IEEE-1394. On the other hand, Liao discloses a phonographic equipment operable to generate an output signal,

wherein said output signal uses USB protocol or a firewire (IEEE- 1394) protocol (see the Abstract).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the turntable of Webster so that the output signal uses USB or firewire (IEEE-1394) protocol as suggested by Liao. One of ordinary skill in the art would have been motivated to carry out this modification, because signal can be transmitted in standard specifications, which allows the signal to be outputted onto an external host device (see the Abstract).

5. Claim 1 and 3-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Webster (US 5,740,146) in view of Liao (US 2004/0139251).

Regarding claim 1:

Webster discloses a turntable including:

a rotatable platter (see Fig. 1, element 110 includes a rotatable platter);

a tonearm for receiving a phono cartridge for generating an analog audio signal representative of an audio recording (see Fig. 1, element 110 and col. 6, lines 15-22); and

a controller for generating an output audio signal of music or speech representative of an audio recording from an output, representative of said analog audio signal (the playback unit 110 inherently includes a controller for controlling the function within the unit); and

wherein said output audio signal uses standard computer protocol (see Fig. 1; the playback unit 110 is connected to a computer 114, therefore, the audio signal output from the playback unit inherently uses a standard computer protocol).

Webster also discloses an analog to digital converter for receiving an analog audio signal from the phono cartridge (see Fig. 1, the sound card 116 includes an analog to digital converter). However, the analog to digital converter taught by Webster is outside of the turntable, i.e., playback unit 110.

Liao discloses a phonographic equipment comprising a conversion circuit within the phonographic equipment (see Fig. 1 and the Abstract).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the turntable of Webster to include a conversion circuit, i.e., a sound card, inside the turntable. One of ordinary skill in the art would have been motivated to do this because signal can be converted into common standards to thereby realize a device that can operate independently irrespective of a host device. In other words, the signal is being converted accordingly prior to outputting the signal from the device, the need to depend on other device to do the conversion is eliminated, hence realizing an efficient device.

Regarding claims 3 and 4:

Webster does not disclose the output signal uses USB or IEEE-1394. On the other hand, Liao discloses a phonographic equipment operable to generate an output signal, wherein said output signal uses USB protocol or a firewire (IEEE- 1394) protocol (see the Abstract).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the turntable of Webster so that the output signal uses USB or firewire (IEEE-1394) protocol as suggested by Liao. One of ordinary skill in the art would have been motivated to carry out this modification, because signal can be

transmitted in standard specifications, which allows the signal to be outputted onto an external host device (see the Abstract).

Regarding claim 5:

Webster discloses the turntable wherein said turntable further includes a jack for outputting said output audio signal (see Fig. 1).

Regarding claim 6:

Webster discloses the turntable wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon (see col. 6, lines 15-22).

Regarding claim 7:

Webster discloses the turntable wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the recording being supported by said rotatable platter (see Fig. 1, element 110).

Response to Arguments

6. Applicant's arguments with respect to claim 1 and 3-7 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lixi Chow whose telephone number is 571-272-7571. The examiner can normally be reached on Mon-Fri, 8:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Lixi Chow/
10.31.08

/Wayne Young/
Supervisory Patent Examiner, Art Unit 2627

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10862942	MAZUR ET AL.
	Examiner	**Art Unit**
	Lixi Chow	2627

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/06/2008	10/31/2008							
	1	✓	✓							
	2	-	-							
	3	✓	✓							
	4	✓	✓							
	5	✓	✓							
	6	✓	✓							
	7	✓	✓							

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10862942	MAZUR ET AL.
	Examiner	Art Unit
	Lixi Chow	2627

SEARCHED			
Class	Subclass	Date	Examiner
None			

SEARCH NOTES		
Search Notes	Date	Examiner
Updated East search (see search history)	7/6/08	LC
Updated East search (see search history)	10/31/08	LC

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	7409	(phono adj cartridge) or (phonograph$4 or (phono adj graph$6))	US-PGPUB; USPAT	OR	ON	2008/10/31 13:27
L5	334699	("A/D" or AD or analog or digital) near3 (convert$6)	US-PGPUB; USPAT	OR	ON	2008/10/31 13:27
L6	82	L4 same L5	US-PGPUB; USPAT	OR	ON	2008/10/31 13:27
L7	6206	(stylus or probe or cantilever or cantelever) same 5	US-PGPUB; USPAT	OR	ON	2008/10/31 13:45
L8	50453	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/10/31 13:46
L9	58	7 and 8	US-PGPUB; USPAT	OR	ON	2008/10/31 13:46
L10	0	"817068".pn.	US-PGPUB; USPAT	OR	ON	2008/10/31 13:54
L11	990	(turn-table or turntable or (turn adj table)) and ((phono near2 graph $6) or (phonograph $5))	US-PGPUB; USPAT	OR	ON	2008/10/31 13:58
L12	98	5 and 11	US-PGPUB; USPAT	OR	ON	2008/10/31 13:58
L13	1	"20040139251".pn.	US-PGPUB; USPAT	OR	ON	2008/10/31 15:00

10/31/2008 4:11:34 PM
C:\Documents and Settings\lchow1\My Documents\EAST\Workspaces\10862942.wsp

488-196



AF
IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	James Mazur et al.
Serial No.:	10/862,942
Filed:	June 8, 2004
For:	**PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**
Examiner:	Lixi Chow
Art Unit:	2627

DAY PITNEY LLP
7 Times Square
New York, New York 10036-7311

REQUEST FOR RECONSIDERATION AFTER FINAL

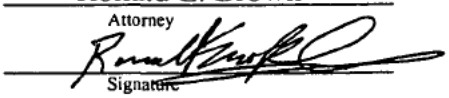
Mail Stop AF
Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

In response to the Office Action mailed July 8, 2008, Applicant requests that the above-identified application be reconsidered in view of the remarks which follow, that each of the present pending claims be allowed and that the application be passed to issue.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on **August 22, 2008**

Ronald E. Brown
Attorney


Signature

August 22, 2008
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-196

83034799A02082108

REMARKS

This Request is offered in response to the Office Action of July 8, 2008.

At the outset, the Applicant thanks the Examiner for the very productive interview of July 29, 2008.

The Office Action rejected Claims 1, 3 and 5-7 under 35 U.S.C. §103(a) as being obvious over the Jung reference (U.S. 2001/0038580) in view of the Webster reference (U.S. Patent No. 5,740,146). Similarly, the Office Action rejected Claim 4 under 35 U.S.C. §103(a) as being obvious over the Jung reference in view of the Webster reference and further in view of the Liao reference (U.S. 2004/0139251).

In the interview of July 29, 2008, as memorialized by the Interview Summary of July 31, 2008, the Examiner recognized that element 42 of the Jung reference is not representative of music or speech. Further, it was discussed that the "trajectory detector 6 [or 6C]" (i.e., turntable) which supported the recording medium 42 was part of the reproduction control unit 10 rather than the audio reproduction unit 20 (see Figure 1) and that the input music or speech signal was received from a totally separate source through the input labeled "IN" in the audio reproduction unit 20 of Figure 1 (also see "the first audio signal" in paragraphs [0063] - [0065]). It was further discussed that the purpose of the Jung reference is to input music in digital format through the "IN" input in buffer 24 and use the turntable-type device of elements 6 and 42 as a control device for the playback of the digital music signal. This is done so that the "scratch effect" traditionally done by a disk jockey with a turntable can be simulated in the playback of a digital music source. In other words, for example, music stored separately on an iPod or similar source can be manipulated by turntable type effects. With this in mind, it was discussed, and is further respectfully submitted and emphasized that the proposed combination of the Jung and

Webster references results in nothing with any practicality at all. There would be absolutely no reason to input turntable-based music from the Webster reference into the "IN" input of the audio reproduction unit 20 of the Jung reference for a disk jockey to perform the "scratch effect" or similar effects by way of the "trajectory detector" of reproduction control unit 10 of the Jung reference. If such effects were desired, the disk jockey would just play the music LP on a traditional turntable and perform the scratch effects in the traditional way.

Therefore, the Jung and Webster references cannot be combined in the way suggested by the Office Action, and the rejections are overcome.

Similarly, with respect to claim 4, the Liao reference does nothing to resolve this deficiency.

It is therefore respectfully submitted that Claim 1, along with all of the claims ultimately dependent thereon, is patentable over the cited references.

In view of the above, each of the claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to early issue.

Respectfully submitted,



Ronald E. Brown
Registration No. 32,200

Gerald Levy
Registration No. 24,419

DAY PITNEY LLP
7 Times Square
New York, New York 10036-7311
212-297-5800

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

29540 7590 07/31/2008

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

EXAMINER	
CHOW, LIXI	
ART UNIT	PAPER NUMBER
2627	
MAIL DATE	DELIVERY MODE
07/31/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary	Application No.	Applicant(s)	
	10/862,942	MAZUR ET AL.	
	Examiner	Art Unit	
	Lixi Chow	2627	

All participants (applicant, applicant's representative, PTO personnel):

(1) *Lixi Chow*. (3)*Ronald Brown*.

(2) *Wayne Young*. (4)*Alan Flum*.

Date of Interview: *29 July 2008*.

Type: a)☒ Telephonic b)☐ Video Conference
c)☐ Personal [copy given to: 1)☐ applicant 2)☐ applicant's representative]

Exhibit shown or demonstration conducted: d)☐ Yes e)☒ No.
If Yes, brief description: _____.

Claim(s) discussed: *1*.

Identification of prior art discussed: *Jung and Webster*.

Agreement with respect to the claims f)☒ was reached. g)☐ was not reached. h)☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: *Applicant and Applicant representative argued that the medium (Fig. 3, element 42) in Jung reference does not include audio signal of music or speech. After careful review of the reference, Examiner agrees with the Applicant and his representative. It was noted that Applicant is required to submit formal reply to the Final Action in order for Examiner to consider the withdrawal of finality*.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/Lixi Chow/
Examiner's signature, if required

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

UNITED STATES PATENT AND TRADEMARK OFFICE

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Office Action Summary	Application No.	Applicant(s)	
	10/862,942	MAZUR ET AL.	
	Examiner	Art Unit	
	Lixi Chow	2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *31 March 2008*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1 and 3-7* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1 and 3-7* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 1, 3 and 5-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jung (US 2001/0038580) in view of Webster (US 5,740,146) as applied in the last Office Action.

3. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jung in view of Webster as applied to claim 1 above, and further in view of Liao (US 2004/0139251) as applied in the last Office Action.

Response to Arguments

4. Applicant's arguments filed 3/31/08 have been fully considered but they are not persuasive.

Applicant mainly argues that "combining the Jung and Webster references, as the Office Action suggests, would render the Jung reference inoperable, destroying both the intended purpose of Jung and also changing the principle of operation of the Jung reference". Applicant continues by stating that "combining Jung with the Webster reference in order to derive the presently claimed invention would require replacing this special LP record of paragraph [044] with an ordinary LP with speech or music". However, the LP record of paragraph [0044] is of an ordinary LP record with speech or music (see paragraph [0043]; the LP record 42A includes spiral sound groove 45). The output control signal of Jung is resulted from the audio signal

recorded on the spiral sound groove and the modification of the direction and speed of the rotation by the user. It would have been obvious at the time the invention was made to simply output the signal as a sound signal as it is shown by Webster. Therefore, the combination of Jung and Webster does not render the Jung reference inoperable because the output control signal is derived from the audio signal recorded on the spiral sound groove. Also, it is noted that Jung outputs the signal reproduced from the LP record as a sound or speech in addition to outputting the signal as a control signal (see Fig. 8 and paragraphs [0062]-[0065]).

Applicant further implies that the signal processor of Jung "is adapted for use in processing control signal only". However, as noted above, Jung also discloses reproducing the audio signal in normal order when no control signal is outputted (see paragraph [0065]). In other words, the signal processor within trajectory detector 6C passes through the reproduced audio signal to the audio reproduction unit 20 without any signal processing.

Accordingly, claims are not patentable over Jung and Webster.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lixi Chow whose telephone number is 571-272-7571. The examiner can normally be reached on Mon-Fri, 8:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LC 7/6/08

/Wayne Young/
Supervisory Patent Examiner, Art Unit 2627

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	97045	(usb or (universal adj serial adj bus) or (IEEE near2 "1394") or firewire)	US-PGPUB; USPAT	OR	ON	2008/07/06 17:07
L2	24811	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/07/06 17:07
L3	22	L1 same L2	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/07/06 17:07
L4	127	(369/128).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/07/06 17:07
L5	7363	(phono adj cartridge) or (phonograph$4 or (phono adj graph $6))	US-PGPUB; USPAT	OR	ON	2008/07/06 17:07
L6	323882	("A/D" or AD or analog or digital) near3 (convert$6)	US-PGPUB; USPAT	OR	ON	2008/07/06 17:07
L7	572	L5 and L6	US-PGPUB; USPAT	OR	ON	2008/07/06 17:07
L8	97045	(usb or (universal adj serial adj bus) or (IEEE near2 "1394") or firewire)	US-PGPUB; USPAT	OR	ON	2008/07/06 17:07
L9	75	L7 and L8	US-PGPUB; USPAT	OR	ON	2008/07/06 17:07
L10	17	(turn-table or turntable or (turn adj table)) and (phono adj cartridge)	US-PGPUB; USPAT	OR	ON	2008/07/06 17:08

L11	24811	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/07/06 17:08
L12	97045	(usb or (universal adj serial adj bus) or (IEEE near2 "1394") or firewire)	US-PGPUB; USPAT	OR	ON	2008/07/06 17:08
L13	22	L12 same L11	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/07/06 17:08

7/6/2008 5:12:00 PM
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10862942	MAZUR ET AL.
	Examiner	**Art Unit**
	Lixi Chow	2627

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	07/06/2008								
	1	✓								
	2	-								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
	7	✓								

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10862942	MAZUR ET AL.
	Examiner	Art Unit
	Lixi Chow	2627

SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES		
Search Notes	Date	Examiner
Updated East search (see search history)	7/6/08	LC

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

488-196





1FW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	James Mazur et al.
Serial No.:	10/862,942
Filed:	June 8, 2004
For:	**PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**
Examiner:	Lixi Chow
Art Unit:	2627

DAY PITNEY LLP
7 Times Square
New York, New York 10036-7311

REQUEST FOR RECONSIDERATION

Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

In response to the Office Action mailed February 26, 2008, Applicant requests that the above-identified application be reconsidered in view of the remarks which follow, that each of the present pending claims be allowed and that the application be passed to issue.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on **March 26, 2008**

Ronald E. Brown
Attorney

Signature

March 26, 2008
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-196

83034799A01032608

REMARKS

This Request is offered in response to the Office Action of February 26, 2008.

The Office Action rejected Claims 1, 3 and 5-7 under 35 U.S.C. §103(a) as being obvious over the Jung reference (U.S. 2001/0038580) in view of the Webster reference (U.S. Patent No. 5,740,146). Similarly, the Office Action rejected Claim 4 under 35 U.S.C. §103(a) as being obvious over the Jung reference in view of the Webster reference and further in view of the Liao reference (U.S. 2004/0139251).

The Office Action recognizes that the Jung reference fails to disclose an analog audio signal representative of an audio recording of music or speech and/or an output digital audio signal (see numbered page 3 of Office Action, paragraph 5). This paragraph of the Office Action further states Jung discloses a controller generating a control signal.[1] As discussed in detail in the previous amendment, paragraph [0044] of the Jung reference discloses a record-type device with a pre-determined number of grooves and lands which are transverse to the direction of relative motion between the cartridge and the rotating record and are used to generate control signals which indicate which way the record is being rotated or otherwise manipulated by the disk jockey.

With this in mind, the Applicant respectfully notes that a proposed combination or modification of prior art cannot be used to establish prima facie obviousness if that combination or modification destroys the intended function or changes the principle of operation of the prior art. See MPEP 2143.01, to wit:

> In 2143.01 section V, "*If proposed modification would render the prior art invention being modified unsatisfactory for its intended purpose, then there is no suggestion or motivation to make the proposed modification. In re Gordon, 733*

[1] Applicant respectfully traverses the characterization in the middle sentence of the fifth paragraph of page 3 of the Office Action referring to "an output digital *audio* signal of a control signal". It is respectfully submitted that the term "audio" is inappropriate and misleading when referring to such a control signal.

F.2d 900, 221 USPQ 1125 (Fed. Cir. 1984)." In addition, in 2143.01, section VI. *"If the proposed modification or combination of the prior art would change the principle of operation of the prior art invention being modified, then the teachings of the references are not sufficient to render the claims prima facie obvious. In re Ratti, 270 F.2d 810, 123 USPQ 349 (CCPA 1959)".*

See the Appendix for MPEP 2143.01, V and VI.

Therefore, combining the Jung and Webster references, as the Office Action suggests, would render the Jung reference inoperable, destroying both the intended purpose of Jung and also changing the principle of operation of the Jung reference. In order for the trajectory detector 6C of the Jung reference (see Figs. 3 and 4) to function, it requires the recording medium with a land-groove pattern as described in paragraph [0044]. Combining Jung with the Webster reference in order to derive the presently claimed invention would require replacing this special LP record of paragraph [044] with an ordinary LP with speech or music. This would render the apparatus of the Jung reference inoperable and change its intended purpose.

Furthermore, the trajectory detector 6C of the Jung reference includes a signal processor 46. This signal processor determines the direction and speed of movement of the recording medium with the land and groove pattern 42 and outputs a trajectory coordinate signal having a first displacement value which is calculated from the determined direction and speed of movement. The processor is adapted for use in processing control signals only.

The expressed purpose of the Jung reference is to provide "an audio reproduction apparatus capable of modulating an audio signal with at least one of reproduction factors including speed and direction of reproduction of the audio signal" (paragraph [0010] of the Jung reference). Nowhere in the Jung reference is there any motivation, either express or implied, to modify the specific embodiment of the trajectory detector and use it to play music. The function of the trajectory detector of the Jung reference and the function of a music player are different. More specifically, the replacement of the record of paragraph [0044] of the Jung reference with

an ordinary LP with music or speech would render the apparatus of the Jung reference inoperable and change its intended purpose.

With respect to claim 4, the Liao reference does nothing to resolve this deficiency.

It is therefore respectfully submitted that Claim 1, along with all of the claims ultimately dependent thereon, is patentable of the cited references.

In view of the above, each of the claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to early issue.

Respectfully submitted,



Ronald E. Brown
Registration No. 32,200

DAY PITNEY LLP
7 Times Square
New York, New York 10036-7311
212-297-5800

CANCELLED MAR 27 2008 PATENT & TRADEMARK OFFICE

OIPE MAR 31 2008 PATENT & TRADEMARK OFFICE

V. THE PROPOSED MODIFICATION CANNOT RENDER THE PRIOR ART UNSATISFACTORY FOR ITS INTENDED PURPOSE

If proposed modification would render the prior art invention being modified unsatisfactory for its intended purpose, then there is no suggestion or motivation to make the proposed modification. *In re Gordon*, 733 F.2d 900, 221 USPQ 1125 (Fed. Cir. 1984) (Claimed device was a blood filter assembly for use during medical procedures wherein both the inlet and outlet for the blood were located at the bottom end of the filter assembly, and wherein a gas vent was present at the top of the filter assembly. The prior art reference taught a liquid strainer for removing dirt and water from gasoline and other light oils wherein the inlet and outlet were at the top of the device, and wherein a pet-cock (stopcock) was located at the bottom of the device for periodically removing the collected dirt and water. The reference further taught that the separation is assisted by gravity. The Board concluded the claims were *prima facie* obvious, reasoning that it would have been obvious to turn the reference device upside down. The court reversed, finding that if the prior art device was turned upside down it would be inoperable for its intended purpose because the gasoline to be filtered would be trapped at the top, the water and heavier oils sought to be separated would flow out of the outlet instead of the purified gasoline, and the screen would become clogged.).

"Although statements limiting the function or capability of a prior art device require fair consideration, simplicity of the prior art is rarely a characteristic that weighs against obviousness of a more complicated device with added function." *In re Dance*, 160 F.3d 1339, 1344, 48 USPQ2d 1635, 1638 (Fed. Cir. 1998) (Court held that claimed catheter for removing obstruction in blood vessels would have been obvious in view of a first reference which taught all of the claimed elements except for a "means for recovering fluid and debris" in combination with a second reference describing a catheter including that means. The court agreed that the first reference, which stressed simplicity of structure and taught emulsification of the debris, did not teach away from the addition of a channel for the recovery of the debris.).

VI. THE PROPOSED MODIFICATION CANNOT CHANGE THE PRINCIPLE OF OPERATION OF A REFERENCE

If the proposed modification or combination of the prior art would change the principle of operation of the prior art invention being modified, then the teachings of the references are not sufficient to render the claims *prima facie* obvious. *In re Ratti*, 270 F.2d 810, 123 USPQ 349 (CCPA 1959) (Claims were directed to an oil seal comprising a bore engaging portion with outwardly biased resilient spring fingers inserted in a resilient sealing member. The primary reference relied upon in a rejection based on a combination of references disclosed an oil seal wherein the bore engaging portion was reinforced by a cylindrical sheet metal casing. Patentee taught the device required rigidity for operation, whereas the claimed invention required resiliency. The court reversed the rejection holding the "suggested combination of references would require a substantial reconstruction and redesign of the elements shown in [the primary reference] as well as a change in the basic principle under which the [primary reference] construction was designed to operate." 270 F.2d at 813, 123 USPQ at 352.).

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

29540 7590 02/26/2008

DAY PITNEY LLP
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EXAMINER	
CHOW, LIXI	
ART UNIT	PAPER NUMBER
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MAIL DATE	DELIVERY MODE
02/26/2008	PAPER

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	Examiner	Art Unit	
	Lixi Chow	2627	

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Status

1)☒ Responsive to communication(s) filed on *08 January 2008*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

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10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/8/08 has been entered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 1, 3 and 5-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jung (US 2001/0038580) in view of Webster (US 5,740,146).

Regarding claim 1:

Jung discloses a turntable (see Fig. 1, element 10, Fig. 3 and paragraphs [0041]-[0043]) including:

a rotatable platter (paragraph [0043]),

a tonearm (Figs. 3 and 4; the contact portion 40 includes a tonearm) for receiving a phono cartridge (Fig. 4, element 41A) for generating an analog audio signal (see paragraph [0043]; the needle is in contact with the record medium to read an audio signal),

an analog to digital converter (Fig. 3, element 44) for receiving an analog audio signal from the phono cartridge, and

a controller (Fig. 1, element 8) for generating an output audio digital signal from an output of said analog to digital converter, representative of said analog audio signal;

wherein said analog to digital converter and said controller are included within said turntable (see Fig. 3); and

wherein said output digital audio signal uses standard computer protocol (see Fig. 1 and paragraph [0068]; when the turntable (reproduction control unit 10) is connected to the PC, the output digital signal inherently uses a standard computer protocol).

Jung fails to disclose the analog audio signal is representative of an audio recording of music or speed and/or that the output digital audio signal of music or speech. Instead, Jung discloses a controller that generates an output digital audio signal of a control signal. Namely, the analog audio signal received by the tonearm is being outputted as a control signal rather than a music or speed.

However, Webster discloses a system that includes a turntable that is coupled with a sound card to digitize the audio recordings of music or speed that is being playback from the turntable (see Fig. 1 and col. 6, lines 15-22; the digital audio signal of music or speech is being outputted to a storage device).

One of ordinary skill in the art would have been obvious at the time the invention was made to adopt the turntable of Jung to output a digital audio signal of music or speed from the output of the analog to digital converter instead of a digitized control signal. One of ordinary skill in the art would have been motivated to do this because Webster clearly shows a preference

to output digital audio signal of music or speech. The preference being to improve the original recording sound quality by reducing noise level, and a number of clicks and pops (see col. 6, lines 27-30).

Regarding claim 3:

Jung discloses the turntable of claim 1, wherein said output digital audio signal uses universal serial bus (USB) protocol (see paragraph [0069]).

Regarding claim 5:

Jung discloses the turntable of claim 1, wherein said turntable further includes a jack for outputting said output digital audio signal (see Fig. 1 and paragraph [0068]; the turntable must includes a jack in order for outputting the output digital signal).

Regarding claim 6:

Jung discloses the tumtable of claim 1 wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon (see paragraphs [0042]-[0043]; the medium 42A includes sound groove, which indicates that audio recording is recorded thereon).

Regarding claim 7:

Jung discloses the tumtable of claim 6 wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the record being supported by said rotatable platter (see Figs. 2B, 3 and 4).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are

such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jung in view of Webster as applied to claim 1 above, and further in view of Liao (US 2004/0139251).

Regarding claim 4:

Jung and Webster disclose all the features in claim 1; however, Jung and Webster fail to disclose the output digital audio signal uses firewire. On the other hand, Liao discloses a phonographic equipment operable to generate an output signal, wherein said output signal uses firewire (IEEE-1394) (see the abstract).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the turntable of Jung, so that the output digital audio signal of Jung uses firewire (IEEE-1394) as suggested by Liao. One of ordinary skill in the art would have been motivated to carry out this modification, because signal can be transmitted in standard specifications, which allows the signal to be outputted onto an external host device (see the abstract).

Response to Arguments

6. Examiner agrees that Jung discloses a turntable that output a digitized control signal instead of a digital audio signal of music or speech as claimed. However, it is unmistakably clear that Jung teaches a turntable that has the same structure as claim 1. The only difference is that Jung outputs a digital control signal rather than a digital audio signal of music and speech. Nevertheless, in light of the teachings of Webster, a new ground of rejection is made. Therefore,

Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground of rejection.

Applicant's arguments with respect to claim 3 have been fully considered but they are not persuasive. Mainly, Applicant argues that "it is not trivial or obvious to put a USB connector on the control unit 10 with the trajectory detector of Fig. 4" because "the structure and design of this reproduction control unit 10A is quite different than a reproduction control unit with a trajectory detector using the turntable apparatus described in Fig. 4". Although only one of the embodiments of Jung shows using USB, however, Jung give an indication that USB is superior than other buses, in that the transfer rate of data is much faster via USB. With that being noted, it is reasonable to conclude that Jung is using a USB connector on the control unit 10 with the trajectory detector of Fig. 4. Further, it will be redundant to show every embodiments of Jung using USB. Since Jung teaches the advantage of using a USB rather than other type of buses, it is justifiable to say that other embodiments of Jung also use USB.

Furthermore, Applicant argues Jung does not show "wherein said analog to digital converter and said controller are included within said turntable". However, Examiner respectfully disagrees. Fig. 3 of Jung was cited to indicate that analog to digital converter and the controller are included within the turntable. Essentially, Fig. 3 shows one of the embodiments of the element 6 in Fig. 1. Element 10 in Fig. 1 is a turntable and element 8 s a controller. Element 44 of Fig. 3 is an analog to digital converter which is inside element 6. Therefore, Applicant's argument with respect to claim 1 is not persuasive.

Accordingly, claims 1, 3 and 5-7 are not patentable over Jung in view of Webster under the reason set forth abvoe.

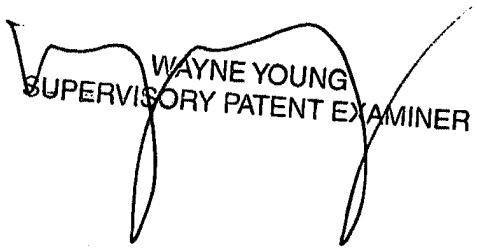
Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lixi Chow whose telephone number is 571-272-7571. The examiner can normally be reached on Mon-Fri, 8:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LC 2/20/08



Notice of References Cited	Application/Control No. 10/862,942	Applicant(s)/Patent Under Reexamination MAZUR ET AL.	
	Examiner Lixi Chow	Art Unit 2627	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,740,146	04-1998	Webster, Ronald I.	369/107
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims

Application/Control No.	Applicant(s)/Patent under Reexamination
10/862,942	MAZUR ET AL.
Examiner	**Art Unit**
Lixi Chow	2627

√	Rejected	–	(Through numeral) Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

Claim		Date
Final	Original	2/20/08
	1	√
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	3	√
	4	√
	5	√
	6	√
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Search Notes

Application/Control No.	Applicant(s)/Patent under Reexamination	
10/862,942	MAZUR ET AL.	
Examiner	**Art Unit**	
Lixi Chow	2627	

SEARCHED			
Class	Subclass	Date	Examiner

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Updated East search (see search history printout)	2/20/2008	LC,

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S67	40806	(turn-table or turntable or (turn adj table)) or (vinyl near2 (record$4 or plate or disc or disk or medium or media or carrier or lp)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT	OR	ON	2008/02/19 12:05
S68	332739	("A/D" or AD or analog$5 or digit$6) near5 (convert$6)	US-PGPUB; USPAT	OR	ON	2008/02/19 12:06
S69	336	S67 same S68	US-PGPUB; USPAT	OR	ON	2008/02/19 12:06
S70	3	("2006/0039245").URPN.	USPAT	OR	ON	2008/02/19 12:08
S71	6	US-5569912-$.DID. OR US-5763874-$.DID. OR US-6535462-$.DID. OR US-6541690-$.DID. OR US-6898165-$.DID. OR US-20030029305-$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/19 12:37
S72	10268	(vinyl near2 (record$4 or plate or disc or disk or medium or media or carrier or lp)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT	OR	ON	2008/02/19 12:39
S73	482340	(digit$6) near5 (convert$6 or process$6 or format$6)	US-PGPUB; USPAT	OR	ON	2008/02/19 12:40
S74	193	S72 same S73	US-PGPUB; USPAT	OR	ON	2008/02/19 12:40
S75	103	S74 not S69	US-PGPUB; USPAT	OR	ON	2008/02/19 12:41
S76	5	("3662350").URPN.	USPAT	OR	ON	2008/02/19 12:47
S77	10	("2081885" | "2952464" | "2953383" | "3105963" | "3368080").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/19 12:48
S79	458	(sampl$6 or modulat$7) same S72	US-PGPUB; USPAT	OR	ON	2008/02/19 13:03
S80	1002794	(music or audio or sound or speech)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/02/19 13:04
S81	298	S80 and S79	US-PGPUB; USPAT	OR	ON	2008/02/19 13:04
S82	254	S81 not S69	US-PGPUB; USPAT	OR	ON	2008/02/19 13:04

OIPE JAN 08 2008 PATENT & TRADEMARK OFFICE

RCE

PTO/SB/30 (10-07)
Approved for use through 10/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	10/862,942
Filing Date	June 8, 2004
First Named Inventor	James MAZUR
Art Unit	2627
Examiner Name	Lixi Chow
Attorney Docket Number	488-194

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114 Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

   a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☒ Enclosed

      i. ☒ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☐ Information Disclosure Statement (IDS)

      iv. ☐ Other _____

2. Miscellaneous

   a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☒ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 50-1145. I have enclosed a duplicate copy of this sheet.

      i. ☒ RCE fee required under 37 CFR 1.17(e)

      ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)

      iii. ☐ Other _____

   b. ☒ Check in the amount of $ 405 enclosed

   c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature		Date	January 4, 2008
Name (Print/Type)	Ronald E. Brown	Registration No.	32,200

CERTIFICATE OF MAILING OR TRANSMISSION

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: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)	Ronald E. Brown	Date	January 4, 2008

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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01 FC:2801 405.00 OP

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JAN 08 2008
PATENT & TRADEMARK OFFICE

488-194

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Mazur et al.

Serial No.: **10/862,942**

Filed: June 8, 2004

For: **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

Art Unit: 2627

Examiner: Lixi Chow

Day Pitney LLP
7 Times Square
New York, New York 10036-7311

AMENDMENT ACCOMPANYING RCE

Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

In response to the Office Action of October 30, 2007 and prior to consideration of the enclosed RCE, please amend the above-identified application as follows:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on **January 4, 2008**

Ronald E. Brown
Attorney


Signature

January 4, 2008
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-194

81545018A010408

Amendments to the Claims:

This listing will replace all prior versions, and listings, of the claims in the application.

Listing of Claims:

1. (currently amended) A turntable including:

a rotatable platter;

a tonearm for receiving a phono cartridge for generating an analog audio signal representative of an audio recording;

an analog to digital converter for receiving an analog audio signal from the phono cartridge; and

a controller for generating an output digital audio signal of music or speech representative of an audio recording from an output of said analog to digital converter, representative of said analog audio signal;

wherein said analog to digital converter and said controller are included within said turntable; and

wherein said output digital audio signal uses standard computer protocol.

Claim 2 – (canceled)

3. (previously presented) The turntable of Claim 1 wherein said output digital audio signal uses universal serial bus (USB) protocol.

4. (previously presented) The turntable of Claim 1 wherein said output digital audio signal uses firewire (IEEE-1394) protocol.

5. (previously presented) The turntable of Claim 1 wherein said turntable further includes a jack for outputting said output digital audio signal.

6. (previously presented) The turntable of Claim 1 wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon.

7. (previously presented) The turntable of Claim 6 wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the record being supported by said rotatable platter.

REMARKS

This amendment is offered in response to the Office Action of October 30, 2007.

At the outset, the Applicants thank the Examiner for the useful telephone conversation on January 4, 2008.

As the amendment dated November 30, 2007 was not entered, the present amendment is based on the claim language prior to the November 30, 2007 amendment.

Claim 1 has been amended to clarify that the digital output signal is "of music or speech representative of an audio recording".

The Office Action rejected Claims 1, 3 and 5-7 under 35 U.S.C. 102(b) as anticipated by the Jung reference (Published Patent Application 2001/0038580).

At the outset, it is respectfully but strenuously submitted that paragraphs [0042] and [0043] of the Jung reference, specifically cited by the Office Action with respect to the rotatable platter, tonearm and analog signal from the cartridge have absolutely nothing to do with the type of audio signal which is "representative of an audio recording". Rather, the analog signal from the cartridge is not related to music or speech and is used to derive a control signal. This is best illustrated by thoughtful consideration of paragraph [0044] of the Jung reference (immediately following the cited paragraphs):

> [0044] FIG. 5 shows an example of a regular land-groove pattern formed in a recording medium. Referring to FIG. 5, a predetermined number (=6) of lands and grooves are formed in each period T. The width of each of the two grooves is the same, whereas the widths of the three lands are different from one another, so that the analog signal read therefrom has the direction information. That is, voltage level of the analog signal, which is generated by the cartridge 41A while the reading needle 41B is in

> contact with the lands and grooves formed in the surface 43 can be varied according to the direction of rotation of the LP record 42A. The reading needle 41B contacts the lands and grooves in the right direction of FIG. 5 as the LP record 42A rotates forward, and contacts the lands and grooves in the left direction of FIG. 5 as the LP record 42B rotates backward.

That is, the LP record of the Jung reference does not include anything representative of an audio recording, but rather includes a pre-determined number grooves and lands which are transverse to the direction of relative motion between the cartridge and the rotating record (and absolutely should not be confused with the spiral or nearly concentric tracks of the LP record) and are used to generate control signals which indicate which way the record is being rotated or otherwise manipulated by the disk jockey. Furthermore, this is plainly stated within the cited paragraph [0043] – "As the reading needle 41B contacts the lands and grooves formed in the surface 43 of the sound groove 45 of the LP record 42A, which is rotating, the cartridge 41A generates an analog signal which indicates the direction the recording medium is rotating, during the rotation of the LP record 42A, and output the generated analog signal to the ADC 44 through an output port OUT2." In other words, the analog signal and the digital output of the ADC merely are signals which indicate the direction of manipulated rotation of the record. This is used to control the playback of a different musical (or similar signal) in disk-jockey type situations, but has absolutely nothing to do with converting the analog signal of a previous audio recording (typically being a representation of, or related to, the sonic pressure of the audio event which is recorded, not lands and grooves to determine which way a disk jockey happens to be manipulating a turntable) into a corresponding digital recording.

It should be clear that Figure 5 is not a representation of an audio recording, but rather a representation of lands and grooves used to create control signals. Again, please see paragraph [0044].

It is respectfully submitted that from the above analysis, it should be strikingly clear that the cited portions of the Jung reference relate to control signals, not analog audio signals representative of an audio recording.

However, the Applicant provides the further in-depth analysis in the event that the above analysis is not persuasive.

The apparatus of the Jung reference includes an audio reproduction apparatus having an audio modulation function consists of two main blocks which are shown in Figure 1: an reproduction control unit 10 and an audio reproduction unit 20. It is respectfully submitted that there is a clear distinction between the use of the phrase "audio reproduction apparatus" which describes the entire apparatus and "audio reproduction unit" which describes one portion of the apparatus.

Contained within the reproduction control unit is a control surface that the user manipulates to create a modulation effect. This user manipulation is detected by the trajectory detector 6 and a control signal is generated by the reproduction control signal generator 8.

Also according to the Jung reference, the audio reproduction unit 20 takes the control signal generated by the reproduction control unit 10 into an address generator 22, where this information is used to manipulate audio stored in a buffer 24 to create a modulation effect for the audio reproducer 20. The audio stored in the buffer 24 within the audio reproduction unit 20 does not come from the reproduction control unit 10 but from elsewhere (marked as IN from Figure 1). It is respectfully submitted that it is essential to the understanding of the Jung

reference that the reproduction control unit 10 generates a control signal only, the audio reproduction unit 20, takes this control signal to modulate an audio signal which the audio reproduction unit 20 gets from elsewhere.

To summarize:

- Figure 1 is defined in paragraph [0019] as "a block diagram of a preferred embodiment of an audio reproduction apparatus having an audio modulation function according to the present invention". According to paragraph [0032], "the audio reproduction apparatus includes a reproduction control unit 10 and an audio reproduction unit 20. The reproduction control unit 10 generates a reproduction control signal by analyzing first and/or second displacement values, which can be varied by a user or player, and outputs the reproduction control signal to the audio reproduction unit 20."

- Figure 1 shows that the reproduction control unit 10 is broken down into two parts: a trajectory detector 6, and a reproduction control signal generator 8. According to paragraph [0033], "The trajectory detector 6 is operated by a user, and outputs a trajectory coordinated signal having the first and/or second displacement values, which are detected from the user's operation, to the reproduction control generator 8. The trajectory detector 6 may be implemented by a touch pad, a first mouse, a combination of a second mouse and a rotatable circular disc, or a jog shuttle dial."

- The Jung reference gives several implementations of trajectory detectors. A trajectory detector is implemented by the touch pad 6A shown in figure 2A (see paragraph [0035]), a rotatable circular plate 36 and a second mouse 38 (see paragraph [0038]), or a jog shuttle dial 6B (see paragraph [0040]). In addition to these three embodiments of the

trajectory detector, the Jung reference discloses additional embodiments of the trajectory detector with two variations on the contact portion. The embodiment of the trajectory detector defined in paragraph [0041] and described and detail in paragraph [0041] – [0043], makes use of a conventional turntable, needle 41B, cartridge 41A, a recording medium 42, and an ADC 44. Paragraph [0046] cites a similar embodiment of the trajectory detector with a light beam sensor and detector. The embodiment of the trajectory detector described in paragraphs [0041] – [0043] will be elaborated below.

- The audio reproduction unit 20 is the section of the audio reproduction apparatus (entirety of Figure 1) which processes, modulates, and reproduces the audio signal based on the information from the control signal of reproduction control unit 10. The address generator 22 of the audio reproduction unit 20 receives control information from the reproduction control signal generator 8 in the reproduction control unit 10.

  - According to paragraph [0048], in referring to Figure 1, "... the reproduction control signal generator 8 analyzes the first and/or second displacement values output from the trajectory detector 6, generates a reproduction control signal according to the result of the analysis, and outputs the reproduction control signal to the audio reproduction unit 20."

  - According to paragraph [0059]: "The audio reproduction unit 20 modifies at least one of the speed and director of reproduction, and the sound pressure of an audio signal (referred to as first audio signal) read from a first recording medium according to the speed control signal, direction control signal or the first and second sound pressure control signals output from the reproduction control unit 10". Furthermore,

paragraph [0062] clearly states that "the audio reproduction unit 20 modulates and reproduces the first audio signal..."

- Embodiments shown in figure 9, 10, 11, and 12 of the Jung reference illustrate that the reproduction control unit sends a control signal to the audio reproduction unit in order to modulate an audio signal. That audio signal is separately applied to the audio reproduction unit and does not come from the control reproduction unit. In figure 10, which is a block diagram of a reproduction control unit connected to a PC from Figure 9, the reproduction control unit which consists of a touch pad 6A, and two switches, 30, and 32 send their control signals to the computer via USB. The audio reproduction unit 72, is contained within the computer. Paragraph [0070] states "The structure and function of the reproduction control unit 10A of FIGS. 9 and 10 are the same as those of the reproduction control unit 10A of FIG. 2A, and thus descriptions of the structure and function of the reproduction control unit of 10A ..." Figure 11 , as stated in paragraph [0070], shows a preferred embodiment of the audio reproduction unit 72 of Figure 10. Figure 11 shows clearly a reproduction control signal coming from the audio control unit into to the address generator 22A of the audio reproduction unit 88. The address generator manipulates the playback of sound stored in the memory buffer 24A. The actual audio signal that feeds the buffer comes from audio files 74 stored on the computer through a decoder.

According to the Office Action,

> "Jung discloses a turntable (see Figure 1, element 10, Fig. 3 and paragraphs [0041 – 0043]) including a tone arm (Figs. 3 and 4; the contact portion 40 includes a tone arm) for receiving phono cartridge (Fig 4 element 41A) for generating an analog audio signal (see paragraph [0043]; the needle is in contact with the record medium to read an audio signal), and analog to digital converter (Fig. 3, element 44) for receiving an analog audio signal from the phono cartridge, and a controller (Fig. 1, element 8) for generating an output digital signal from an output of said analog to digital converter, representative of said audio signal; wherein said analog to digital converter and said controller are included within said turntable (see Fig. 3); and wherein said output digital audio signal uses standard computer protocol (see Fig. 1 and paragraph [0068]; when the turntable (reproduction control unit 10) is connected to the PC, the output digital signal inherently uses a standard computer protocol)."

However, as stated previously, the turntable, tone arm and phono cartridge of the Jung reference are used to: (1) generate a control signal by user manipulation of the turntable platter and record, the record medium is a specially encoded phonograph designed to indicate the direction which the user is manipulating the LP record; (2) the control signal is sent to a reproduction control generator 8 which (3) sends a control signal to an address generator that manipulates audio that is separately received into a buffer 24. The key point here is that the "audio signal" of paragraph [0043] is clearly not an audio recording (such as ordinary music or

speech) but a special control signal. Throughout the entire Jung reference, all signals within and generated by reproduction control unit 10 are control signals.

To further elaborate this point, paragraph [0041] states "a preferred embodiment of the trajectory detector 6 of the audio reproduction apparatus according to the present invention shown in FIG. 1 is illustrated in FIG 3." In paragraph [0042] it goes on to state that the recording medium 42 of the trajectory detector 6C of FIG. 3 is rotated by the user, and the speed and direction of rotation of the recording medium 42 are modified by the user". Clearly they are talking about the trajectory detector section 6 of the reproduction control unit 10. From the detailed discussion above, it is clear that the reproduction control unit 10 generates a control signal only that is used by the audio reproduction unit 20 to manipulate an entirely separate audio signal. The record medium is no ordinary LP record containing music or speech but a special record, described in paragraph [0042] as containing "land-groove patterns having a predetermined number of lands and grooves formed in a spiral sound groove."

In addition, in paragraph [0044], "FIG. 5 shows an example of a regular land-groove pattern formed in a recording medium. Referring to FIG. 5, a predetermined number (=6) of lands and grooves are formed in each period T. The width of each of the two grooves is the same, whereas the widths of the three lands are different from one another, so that the analog signal read there from has the direction information. That is, voltage level of the analog signal, which is generated by the cartridge 41A while the reading needle 41B is in contact with the lands and grooves formed in the surface 43 can be varied according to the direction of rotation of the LP record 42A. The reading needle 41B contacts the lands and grooves in the right direction of FIG. 5 as the LP record 42A rotates forward, and contacts the lands and grooves in the left direction of FIG. 5 as the LP record 42B rotates backward." Clearly this is not an ordinary LP

containing music or speech but a special LP record containing control information as described above.

The processing of this special control signal described in paragraph [0047]is quite different than the processing of an ordinary audio signal that contains an audio recording (such as speech or music). In paragraph [0047], "The signal processor 46 analyzes the bit patterns of digital signal output from the ADC 44, determines the direction and speed of movement of the recording medium 42, and outputs a trajectory coordinate signal having a first displacement value, which is calculated from the determined direction and speed movement, to the reproduction signal generator 8." This clearly describes processing of a special signal, in order to obtain control information.

In contrast processing an ordinary speech or music signal in preparation for transfer of data to a computer requires very different control hardware and also requires an audio driver on the computer which is specifically designed to receive and process the music or speech signal.

The Office Action asserts that "Regarding claim 3: Jung discloses the turntable of claim 1, wherein said output digital audio signal uses universal serial bus (USB) protocol (see paragraph [0069])". Respectfully, the reproduction control unit 10A of Figure 9 is described in paragraph [0069] as "separately manufactured as a touch pad 6A, as described with reference to FIG. 2A ..." The structure and design of this reproduction control unit 10A is quite different than a reproduction control unit with a trajectory detector using the turntable apparatus described in Fig 4. It is not trivial or obvious to put a USB connector on the control unit 10 with the trajectory detector of Fig. 4.

Finally, Claim 1 recites "wherein said analog to digital converter and said controller are included within said turntable". It is respectfully submitted that this is not disclosed in the prior art

and is not a trivial point. A consumer wishing to convert his or her collection of LP records into digital files will strongly prefer a single component over a group of components which almost inevitably would require a considerable amount of technical ability to set-up, operate and maintain.

It is therefore respectfully submitted that this rejection is overcome.

The Office Action rejected Claim 4 under 35 U.S.C. §103(a) as being obvious over the Jung reference in view of the Liao reference (Published Patent Application 2004/0139251). The Liao reference relates to the generation of USB or firewire signals (IEEE-1394). In view of the discussion above, even if these references were somehow combined, the combination of the Jung and Liao references would lead to a Jung-type control device which controls a playback of an external audio signal but which outputs USB or firewire control signals. This clearly would not lead to the presently claimed invention.

It is therefore respectfully submitted that this rejection is overcome.

For all of the reasons above, it is respectfully submitted that all of the presently pending claims are in immediate condition for allowance. The Examiner is respectfully requested to withdraw the rejections of the claims, to allow the claims, and to pass this application to early issue.

Respectfully submitted,



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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
10/862,942	06/08/2004	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☒ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	405		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	405		TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 01/08/2008	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 6	Minus	** 20	= 0	X $25 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X $105 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
MARCIA J. GORDON

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

29540 7590 12/20/2007

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

EXAMINER	
CHOW, LIXI	

ART UNIT	PAPER NUMBER
2627	

MAIL DATE	DELIVERY MODE
12/20/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief	**Application No.** 10/862,942	**Applicant(s)** MAZUR ET AL.	
	Examiner Lixi Chow	**Art Unit** 2627	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 03 December 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:
   a) ☐ The period for reply expires _____months from the mailing date of the final rejection.
   b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

   Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
   (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
   (b) ☐ They raise the issue of new matter (see NOTE below);
   (c) ☒ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
   (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

   NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).
4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
   The status of the claim(s) is (or will be) as follows:
   Claim(s) allowed: _____.
   Claim(s) objected to: _____.
   Claim(s) rejected: *1 and 3-7*.
   Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: see continuation sheet.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____
13. ☐ Other: _____.

THANG V. TRAN
PRIMARY EXAMINER

Note 11: Applicant's arguments filed 12/03/07 have been fully considered but they are not persuasive. Applicant argued that the "audio signal" of paragraph [0043] is not an audio recording (such as ordinary music or speech) but a special control signal. However, claim 1 does not limit the "analog audio signal" to be representative of a music or speech. Jung reference clearly shows that audio/sound signal is recorded on the recording medium 42 (see par. [0043]). Indeed the audio/sound signal of Jung is reproduced and generate into a control signal, but that control signal is originated from an audio recording. Since claim 1 does not specify that the audio recording is a music or speech, therefore, claim 1, 3 and 5-7 are not patentable over Jung.

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DEC 03 2007
PATENT & TRADEMARK OFFICE

488-194

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Mazur et al.

Serial No.: **10/862,942**

Filed: June 8, 2004

For: **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

Art Unit: 2627

Examiner: Lixi Chow

Day Pitney LLP
7 Times Square
New York, New York 10036-7311

AMENDMENT UNDER RULE 116

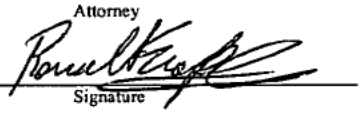
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Alexandria, VA 22313-1450

SIR:

In response to the Office Action of October 30, 2007, please amend the above-identified application as follows:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on **November 30, 2007**

Ronald E. Brown
Attorney


Signature

November 30, 2007
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-194

1585077A01113007

Amendments to the Claims:

This listing will replace all prior versions, and listings, of the claims in the application.

Listing of Claims:

1. (currently amended) A turntable including:

a rotatable platter;

a tonearm for receiving a phono cartridge for generating an analog audio signal representative of an audio recording;

an analog to digital converter for receiving an analog audio signal from the phono cartridge; and

a controller for generating an output digital audio signal representative of an audio recording from an output of said analog to digital converter, representative of said analog audio signal;

wherein said analog to digital converter and said controller are included within said turntable; and

wherein said output digital audio signal uses standard computer protocol.

Claim 2 – (canceled)

3. (previously presented) The turntable of Claim 1 wherein said output digital audio signal uses universal serial bus (USB) protocol.

4. (previously presented) The turntable of Claim 1 wherein said output digital audio signal uses firewire (IEEE-1394) protocol.

5. (previously presented) The turntable of Claim 1 wherein said turntable further includes a jack for outputting said output digital audio signal.

6. (previously presented) The turntable of Claim 1 wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon.

7. (previously presented) The turntable of Claim 6 wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the record being supported by said rotatable platter.

REMARKS

This amendment is offered in response to the Office Action of October 30, 2007.

Claim 1 has been amended to clarify that the analog audio signal as well as the digital output signal is "representative of an audio recording". It is respectfully submitted that this is a clarification of the previous claim language, that this is supported by lines 7 and 8 of the first paragraph of the Detailed Description of the Preferred Embodiment (page 3 of the specification).

It is respectfully submitted that this does not raise new issues, particularly as similar language is found in Claims 6 and 7, which were previously considered. Therefore, neither a new search nor substantial reconsideration is required, and this amendment should be entered.

The Office Action rejected Claims 1, 3 and 5-7 under 35 U.S.C. 102(b) as anticipated by the Jung reference (Published Patent Application 2001/0038580).

At the outset, it is respectfully but strenuously submitted that paragraphs [0042] and [0043] of the Jung reference, specifically cited by the Office Action with respect to the rotatable platter, tonearm and analog signal from the cartridge have absolutely nothing to do with the type of audio signal which is "representative of an audio recording". Rather, the analog signal from the cartridge is used to derive a control signal. This is best illustrated by thoughtful consideration of paragraph [0044] of the Jung reference (immediately following the cited paragraphs):

> [0044] FIG. 5 shows an example of a regular land-groove pattern formed in a recording medium. Referring to FIG. 5, a predetermined number (=6) of lands and grooves are formed in each period T. The width of each of the two grooves is the same, whereas the widths of the three lands are different from one another, so that the analog signal read therefrom has the direction information. That is, voltage level of the analog signal, which is

> generated by the cartridge 41A while the reading needle 41B is in contact with the lands and grooves formed in the surface 43 can be varied according to the direction of rotation of the LP record 42A. The reading needle 41B contacts the lands and grooves in the right direction of FIG. 5 as the LP record 42A rotates forward, and contacts the lands and grooves in the left direction of FIG. 5 as the LP record 42B rotates backward.

That is, the LP record of the Jung reference does not include anything representative of an audio recording, but rather includes a pre-determined number grooves and lands which are transverse to the direction of relative motion between the cartridge and the rotating record (and absolutely should not be confused with the spiral or nearly concentric tracks of the LP record) and are used to generate control signals which indicate which way the record is being rotated or otherwise manipulated by the disk jockey. Furthermore, this is plainly stated within the cited paragraph [0043] – "As the reading needle 41B contacts the lands and grooves formed in the surface 43 of the sound groove 45 of the LP record 42A, which is rotating, the cartridge 41A generates an analog signal which indicates the direction the recording medium is rotating, during the rotation of the LP record 42A, and output the generated analog signal to the ADC 44 through an output port OUT2." In other words, the analog signal and the digital output of the ADC merely are signals which indicate the direction of manipulated rotation of the record. This is used to by a disc jockey to control the playback of an entirely different musical signal contained within the audio reproduction unit 20 of Jung and has absolutely nothing to do with converting the analog signal of a previous audio recording (typically being a representation of, or related to, the sonic pressure of the audio event which is recorded, not lands and grooves to determine

which way a disk jockey happens to be manipulating a turntable) into a corresponding digital recording.

It should be clear that Figure 5 is not a representation of an audio recording, but rather a representation of lands and grooves used to create control signals. Again, please see paragraph [0044].

It is respectfully submitted that from the above analysis, it should be strikingly clear that the cited portions of the Jung reference relate to control signals, not analog audio signals representative of an audio recording.

However, the Applicant provides the further in-depth analysis in the event that the above analysis is not persuasive.

The apparatus of the Jung reference includes an audio reproduction apparatus having an audio modulation function consists of two main blocks which are shown in Figure 1: an reproduction control unit 10 and an audio reproduction unit 20. It is respectfully submitted that there is a clear distinction between the use of the phrase "audio reproduction apparatus" which describes the entire apparatus and "audio reproduction unit" which describes one portion of the apparatus.

Contained within the reproduction control unit is a control surface that the user manipulates to create a modulation effect. This user manipulation is detected by the trajectory detector 6 and a control signal is generated by the reproduction control signal generator 8.

Also according to the Jung reference, the audio reproduction unit 20 takes the control signal generated by the reproduction control unit 10 into an address generator 22, where this information is used to manipulate audio stored in a buffer 24 to create a modulation effect for the audio reproducer 20. The audio stored in the buffer 24 within the audio reproduction unit 20

does not come from the reproduction control unit 10 but from elsewhere (marked as IN from Figure 1). It is respectfully submitted that it is essential to the understanding of the Jung reference that the reproduction control unit 10 generates a control signal only, the audio reproduction unit 20, takes this control signal to modulate an audio signal which the audio reproduction unit 20 gets from elsewhere.

To summarize:

- Figure 1 is defined in paragraph [0019] as "a block diagram of a preferred embodiment of an audio reproduction apparatus having an audio modulation function according to the present invention". According to paragraph [0032], "the audio reproduction apparatus includes a reproduction control unit 10 and an audio reproduction unit 20. The reproduction control unit 10 generates a reproduction control signal by analyzing first and/or second displacement values, which can be varied by a user or player, and outputs the reproduction control signal to the audio reproduction unit 20."

- Figure 1 shows that the reproduction control unit 10 is broken down into two parts: a trajectory detector 6, and a reproduction control signal generator 8. According to paragraph [0033], "The trajectory detector 6 is operated by a user, and outputs a trajectory coordinated signal having the first and/or second displacement values, which are detected from the user's operation, to the reproduction control generator 8. The trajectory detector 6 may be implemented by a touch pad, a first mouse, a combination of a second mouse and a rotatable circular disc, or a jog shuttle dial."

- The Jung reference gives several implementations of trajectory detectors. A trajectory detector is implemented by the touch pad 6A shown in figure 2A (see paragraph [0035]),

a rotatable circular plate 36 and a second mouse 38 (see paragraph [0038]), or a jog shuttle dial 6B (see paragraph [0040]). In addition to these three embodiments of the trajectory detector, the Jung reference discloses additional embodiments of the trajectory detector with two variations on the contact portion. The embodiment of the trajectory detector defined in paragraph [0041] and described and detail in paragraph [0041] – [0043], makes use of a conventional turntable, needle 41B, cartridge 41A, a recording medium 42, and an ADC 44. Paragraph [0045] cites a similar embodiment of the trajectory detector with a light beam sensor and detector. The embodiment of the trajectory detector described in paragraphs [0041] – [0043] will be elaborated below.

- The audio reproduction unit 20 is the section of the audio reproduction apparatus (entirety of Figure 1) which processes, modulates, and reproduces the audio signal based on the information from the control signal of reproduction control unit 10. The address generator 22 of the audio reproduction unit 20 receives control information from the reproduction control signal generator 8 in the reproduction control unit 10.

  - According to paragraph [0048], in referring to Figure 1, "... the reproduction control signal generator 8 analyzes the first and/or second displacement values output from the trajectory detector 6, generates a reproduction control signal according to the result of the analysis, and outputs the reproduction control signal to the audio reproduction unit 20."

  - According to paragraph [0059]: "The audio reproduction unit 20 modifies at least one of the speed and director of reproduction, and the sound pressure of an audio signal (referred to as first audio signal) read from a first recording medium according to the

speed control signal, direction control signal or the first and second sound pressure control signals output from the reproduction control unit 10". Furthermore, paragraph [0062] clearly states that "the audio reproduction unit 20 modulates and reproduces the first audio signal..."

- Embodiments shown in figure 9, 10, 11, and 12 of the Jung reference illustrate that the reproduction control unit sends a control signal to the audio reproduction unit in order to modulate an audio signal. That audio signal is separately applied to the audio reproduction unit and does not come from the control reproduction unit. In figure 10, which is a block diagram of a reproduction control unit connected to a PC from Figure 9, the reproduction control unit which consists of a touch pad 6A, and two switches, 30, and 32 send their control signals to the computer via USB. The audio reproduction unit 72, is contained within the computer. Paragraph [0070] states "The structure and function of the reproduction control unit 10A of FIGS. 9 and 10 are the same as those of the reproduction control unit 10A of FIG. 2A, and thus descriptions of the structure and function of the reproduction control unit of 10A ..." Figure 11 , as stated in paragraph [0070], shows a preferred embodiment of the audio reproduction unit 72 of Figure 10. Figure 11 shows clearly a reproduction control signal coming from the reproduction control unit into to the address generator 22A of the audio reproduction unit 88. The address generator manipulates the playback of sound stored in the memory buffer 24A. The actual audio signal that feeds the buffer comes from audio files 74 stored on the computer through a decoder.

According to the Office Action,

> "Jung discloses a turntable (see Figure 1, element 10, Fig. 3 and paragraphs [0041 – 0043]) including a tone arm (Figs. 3 and 4; the contact portion 40 includes a tone arm) for receiving phono cartridge (Fig 4 element 41A) for generating an analog audio signal (see paragraph [0043]; the needle is in contact with the record medium to read an audio signal), and analog to digital converter (Fig. 3, element 44) for receiving an analog audio signal from the phono cartridge, and a controller (Fig. 1, element 8) for generating an output digital signal from an output of said analog to digital converter, representative of said audio signal; wherein said analog to digital converter and said controller are included within said turntable (see Fig. 3); and wherein said output digital audio signal uses standard computer protocol (see Fig. 1 and paragraph [0068]; when the turntable (reproduction control unit 10) is connected to the PC, the output digital signal inherently uses a standard computer protocol)."

However, as stated previously, the turntable, tone arm and phono cartridge of the Jung reference are used to: (1) generate a control signal by user manipulation of the turntable platter and record, the record medium is a specially encoded phonograph designed to indicate the direction which the user is manipulating the LP record; (2) the control signal is sent to a reproduction control generator 8 which (3) sends a control signal to an address generator that manipulates audio that is separately received into a buffer 24. The key point here is that the "audio signal" of paragraph [0043] is clearly not an audio recording (such as ordinary music or

speech) but a special control signal. Throughout the entire Jung reference, all signals within and generated by reproduction control unit 10 are control signals.

To further elaborate this point, paragraph [0041] states "a preferred embodiment of the trajectory detector 6 of the audio reproduction apparatus according to the present invention shown in FIG. 1 is illustrated in FIG 3." In paragraph [0042] it goes on to state that the recording medium 42 of the trajectory detector 6C of FIG. 3 is rotated by the user, and the speed and direction of rotation of the recording medium 42 are modified by the user". Clearly they are talking about the trajectory detector section 6 of the reproduction control unit 10. From the detailed discussion above, it is clear that the reproduction control unit 10 generates a control signal only that is used by the audio reproduction unit 20 to manipulate an entirely separate audio signal. By carefully examination of paragraph [0044], which was cited and quoted previously, the record medium is no ordinary LP record containing music or speech but a special record, with land and groove patterns specifically designed to detect the rotational direction of the LP as manipulated by the user.

The processing of this special control signal generated by the ADC 44 contained within the trajectory detector is described in paragraph [0047] and is quite different than the processing of an ordinary audio signal that contains an audio recording (such as speech or music). In paragraph [0047], "The signal processor 46 analyzes the bit patterns of digital signal output from the ADC 44, determines the direction and speed of movement of the recording medium 42, and outputs a trajectory coordinate signal having a first displacement value, which is calculated from the determined direction and speed movement, to the reproduction signal generator 8." This clearly describes processing of a special signal, in order to obtain control information.

In contrast processing an audio signal representative of an audio recording in preparation for transfer of data to a computer requires very different controller hardware and also requires an audio driver on the computer which is specifically designed to receive and process music or speech (i.e. an audio signal that is representative of an audio recording) signal.

The Office Action asserts that "Regarding claim 3: Jung discloses the turntable of claim 1, wherein said output digital audio signal uses universal serial bus (USB) protocol (see paragraph [0069])". Respectfully, the reproduction control unit 10A of Figure 9 is described in paragraph [0069] as "separately manufactured as a touch pad 6A, as described with reference to FIG. 2A ..." The structure and design of this reproduction control unit 10A is quite different than a reproduction control unit with a trajectory detector using the turntable apparatus described in Fig 4. It is not trivial or obvious to put a USB connector on the reproduction control unit 10 with the trajectory detector of Fig. 4.

Finally, Claim 1 recites "wherein said analog to digital converter and said controller are included within said turntable". It is respectfully submitted that this is not disclosed in the prior art and is not a trivial point. A consumer wishing to convert his or her collection of LP records into digital files will strongly prefer a single component over a group of components which almost inevitably would require a considerable amount of technical ability to set-up, operate and maintain.

It is therefore respectfully submitted that this rejection is overcome.

The Office Action rejected Claim 4 under 35 U.S.C. §103(a) as being obvious over the Jung reference in view of the Liao reference (Published Patent Application 2004/0139251). The Liao reference relates to the generation of USB or firewire signals (IEEE-1394). In view of the discussion above, it is unlikely that a person of ordinary skill would have combined Jung and Liao. Even if these references were somehow combined, the combination of the Jung and Liao

references would lead to a Jung-type control device which outputs USB or firewire control signals in order to control the playback of an external audio signal. This clearly would not lead to the presently claimed invention.

It is therefore respectfully submitted that this rejection is overcome.

For all of the reasons above, it is respectfully submitted that all of the presently pending claims are in immediate condition for allowance. The Examiner is respectfully requested to withdraw the rejections of the claims, to enter the amendment, to allow the claims, and to pass this application to early issue.

Respectfully submitted,



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PTO/SB/06 (07-06)
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
10/862,942	06/08/2004	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 12/03/2007

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 6	Minus	** 20	= 0	X $25 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X $105 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
Jason B. Eaddy

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

29540 7590 10/30/2007

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NEW YORK, NY 10036-7311

EXAMINER	
CHOW, LIXI	
ART UNIT	**PAPER NUMBER**
2627	

MAIL DATE	DELIVERY MODE
10/30/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/862,942	MAZUR ET AL.	
	Examiner	Art Unit	
	Lixi Chow	2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *19 July 2007*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1 and 3-7* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1 and 3-7* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *10 August 2007* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 3 and 5-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Jung (US 2001/0038580).

Regarding claim 1:

Jung discloses a turntable (see Fig. 1, element 10, Fig. 3 and paragraphs [0041]-[0043]) including:

a rotatable platter (paragraph [0043]),

a tonearm (Figs. 3 and 4; the contact portion 40 includes a tonearm) for receiving a phono cartridge (Fig. 4, element 41A) for generating an analog audio signal (see paragraph [0043]; the needle is in contact with the record medium to read an audio signal),

an analog to digital converter (Fig. 3, element 44) for receiving an analog audio signal from the phono cartridge, and

a controller (Fig. 1, element 8) for generating an output audio digital signal from an output of said analog to digital converter, representative of said analog audio signal;

wherein said analog to digital converter and said controller are included within said turntable (see Fig. 3); and

wherein said output digital audio signal uses standard computer protocol (see Fig. 1 and paragraph [0068]; when the turntable (reproduction control unit 10) is connected to the PC, the output digital signal inherently uses a standard computer protocol).

Regarding claim 3:

Jung discloses the turntable of claim 1, wherein said output digital audio signal uses universal serial bus (USB) protocol (see paragraph [0069]).

Regarding claim 5:

Jung discloses the turntable of claim 1, wherein said turntable further includes a jack for outputting said output digital audio signal (see Fig. 1 and paragraph [0068]; the turntable must includes a jack in order for outputting output digital signal).

Regarding claim 6:

Jung discloses the tumtable of claim 1 wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon (see paragraphs [0042]-[0043]; the medium 42A includes sound groove, which indicates that audio recording is recorded thereon).

Regarding claim 7:

Jung discloses the tumtable of claim 6 wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the record being supported by said rotatable platter (see Figs. 2B, 3 and 4).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jung in view of Liao (US 2004/0139251).

Regarding claim 4:

Jung discloses all the elements in claim 1; however, Jung fails to disclose the output digital audio signal uses firewire. On the other hand, Liao discloses a phonographic equipment operable to generate an output signal, wherein said output signal uses firewire (IEEE-1394) (see the abstract).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the turntable of Jung, so that the output digital audio signal of Jung uses firewire (IEEE-1394) as suggested by Liao. One of ordinary skill in the art would have been motivated to carry out this modification, because signal can be transmitted in standard specifications, which allows the signal to be outputted onto an external host device (see the abstract).

Response to Arguments

5. Applicant's arguments filed 7/19/07 have been fully considered but they are not persuasive.

Applicant points out that Jung reference is extremely unclear and its disclosure is questionable because the description provided in the reference indicates that the reproduction control unit (Fig. 2B) includes a second mouse. Further, Applicant argues that Jung discloses a record having control information rather than audio information. However, Examiner would like to note that Jung discloses a plurality of embodiments where the trajectory detector (see Fig. 1,

element 6; the trajectory detector includes a tonearm) may be implement by different elements (see paragraph [0033]). Figs. 3 and 4 of Jung show an example of a trajectory detector that includes a cartridge portion in contact with a medium to read out audio signal (see paragraph [0042]-[0043]). In paragraph [0043], Jung clearly indicates that LP record 42A includes sound groove and a needle 41B is used to read an audio signal recorded on LP record 42A. Therefore, Applicant's arguments are not convincing. Hence, claims 1, 3 and 5-7 are not patentable of Jung.

Applicant also argues that the combination of Jung and Liao could not lead to the presently claimed invention. However, Examiner respectfully disagrees. Applicant seems to mistaken that Jung teaches a device that is directed to control the playback of an external device. But, as discussed earlier, Jung teaches a reproduction unit that reproduce audio signal, not control information. Therefore, the combination of Jung and Liao disclose all the limitations claimed in the invention.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL.** See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lixi Chow whose telephone number is 571-272-7571. The examiner can normally be reached on Mon-Fri, 8:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LC 10/26/07

WAYNE YOUNG
SUPERVISORY PATENT EXAMINER

Index of Claims

Application/Control No.	Applicant(s)/Patent under Reexamination
10/862,942	MAZUR ET AL.
Examiner	**Art Unit**
Lixi Chow	2627

√	Rejected	–	(Through numeral) Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

Claim		Date
Final	Original	10/26/07
	1	√
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	3	√
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Search Notes	Application/Control No.	Applicant(s)/Patent under Reexamination
	10/862,942	MAZUR ET AL.
	Examiner: Lixi Chow	Art Unit: 2627

SEARCHED			
Class	Subclass	Date	Examiner

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Updated East search	10/26/2007	LC

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	127	(369/128).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/26 15:52
L16	412420	(("A/D" or AD or analog or digital) near3 (convert$6)) or adc	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/10/26 15:52
L17	24264	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/10/26 15:52
L18	139	L17 same L16	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/10/26 15:52
L23	3266	((portable or external or separat$6) near3 (record$6 or reproduc$6 or device or system or player or apparatus or unit)) same (firewire or (IEEE adj "1394"))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/10/26 15:52
L24	24264	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/10/26 15:52
L25	80856	(usb or (universal adj serial adj bus) or (IEEE near2 "1394") or firewire)	US-PGPUB; USPAT	OR	ON	2007/10/26 15:52
L26	20	L25 same L24	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/10/26 15:52
L27	222	L25 and L24	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/10/26 15:52
L28	46970	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/10/26 15:52
L29	46	L23 and L28	US-PGPUB; USPAT	OR	ON	2007/10/26 15:52

488-194



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	James Mazur et al.
Serial No.:	**10/862,942**
Filed:	June 8, 2004
For:	**PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**
Art Unit:	2627
Examiner:	Lixi Chow

Day Pitney LLP
7 Times Square
New York, New York 10036-7311

COMMUNICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

In response to the Office Action of June 12, 2007, enclosed is a copy of formal drawing for the above-identified patent application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on August 8, 2007

Ronald E. Brown
Attorney

Signature

August 8, 2007
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-194

1552245A01080807

An early examination of the present application is respectfully requested.

Respectfully submitted,



Ronald E. Brown
Registration No. 32,200

Gerald Levy
Registration No. 24,419

Day Pitney LLP
7 Times Square
New York, New York 10036-7311
212-297-5800

OIPE IAP28
AUG 10 2007
PATENT & TRADEMARK OFFICE

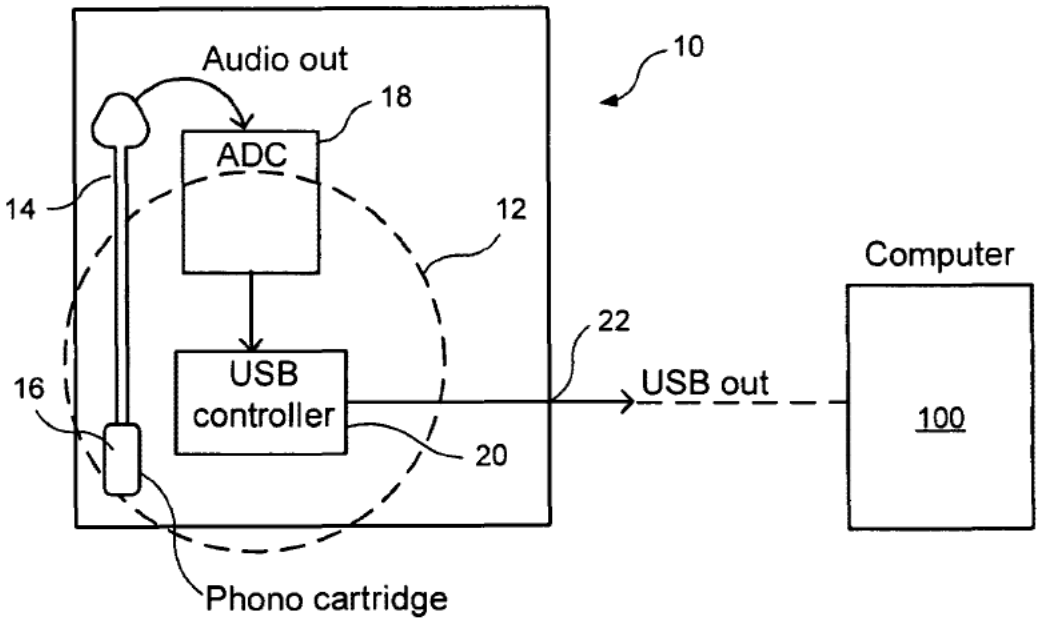


FIG. 1

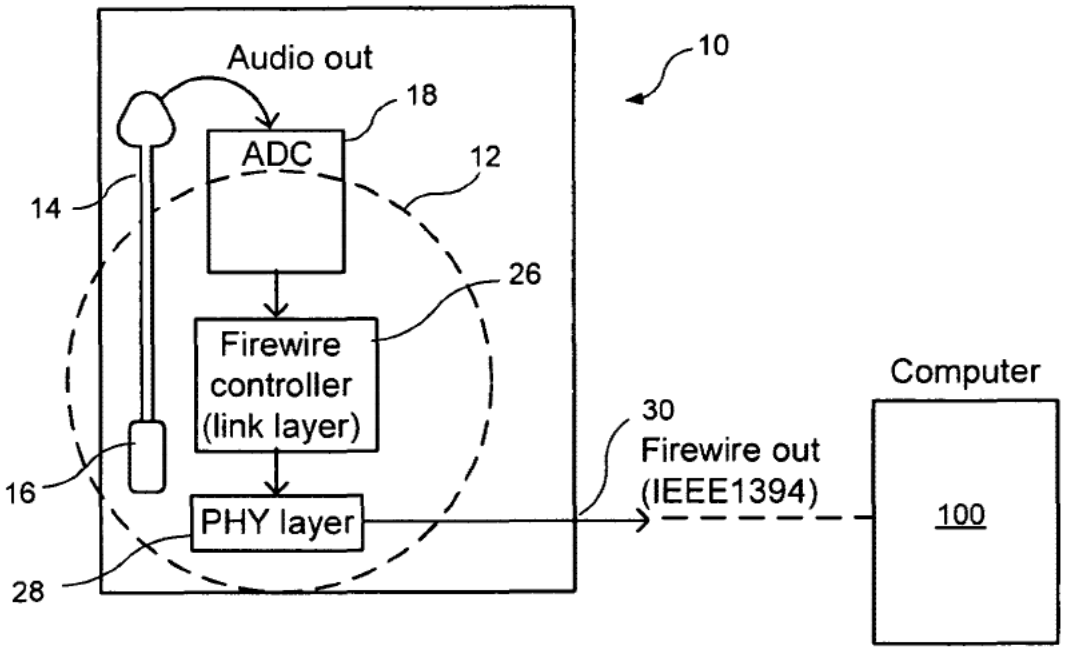


FIG. 2

OIPE
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488-194

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Mazur et al.

Serial No.: **10/862,942**

Filed: June 8, 2004

For: **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

Art Unit: 2627

Examiner: Lixi Chow

Day Pitney LLP
7 Times Square
New York, New York 10036-7311

AMENDMENT

Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

In response to the Office Action of June 12, 2007, please amend the above-identified application as follows:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on July 16, 2007

Ronald E. Brown
Attorney

Signature

July 16, 2007
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-194

1545018A01071607

Amendments to the Claims:

This listing will replace all prior versions, and listings, of the claims in the application.

Please cancel Claim 2, without prejudice or disclaimer.

Listing of Claims:

1. (currently amended) A turntable including:

a rotatable platter;

a tonearm for receiving a phono cartridge for generating an analog audio signal;

an analog to digital converter for receiving [[a]] an analog audio signal from the phono cartridge; and

a controller for generating an output digital audio signal from an output of said analog to digital converter, representative of said analog audio signal;

wherein said analog to digital ~~converted~~ converter and said controller are included within said turntable; and

wherein said output digital audio signal uses standard computer protocol.

Claim 2 – (canceled)

3. (currently amended) The turntable of Claim 1 wherein said output digital audio signal uses universal serial bus (USB) protocol.

4. (currently amended) The turntable of Claim 1 wherein said output digital audio signal uses firewire (IEEE-1394) protocol.

5. (currently amended) The turntable of Claim [[2]] 1 wherein said turntable further includes a jack for outputting said output digital audio signal.

6. (new) The turntable of Claim 1 wherein said rotatable platter is configured and arranged to receive a record with an audio recording thereon.

7. (new) The turntable of Claim 6 wherein said tonearm is configured and arranged to engage a phono cartridge against a record with an audio recording thereon, the record being supported by said rotatable platter.

REMARKS

This amendment is offered in response to the Office Action of June 12, 2007.

The claims have been amended to obviate the objections of numbered paragraph 1 of the Office Action. The Applicants assume that the reference to Claim 7 in this paragraph was intended to be directed to Claim 2.

Formal drawings will be provided in a separate communication with the period of response of the present Office Action.

The Office Action rejected Claims 1, 2 and 5 over 35 U.S.C. §102(e) as being anticipated by the Cohen reference (Published Patent Application 2003/0206506). The Cohen reference uses a vinyl record with encoded timing signals to control the playback of "an external audio signal" (see the last line of the Abstract of the Disclosure of the Cohen reference, also see numbered paragraph 0014 of the Cohen reference which states "the groove of record 12, rather than having a musical performance in analog format, has a MIDI audio time code encoded therein in analog format"). The record of the Cohen reference does not include an audio recording, and the resulting signals from the phono cartridge and from the analog-to-digital converter likewise do not include audio signals. This is quite different from the newly amended Claim 1 wherein the analog-to-digital converter receives an analog audio signal from a phono cartridge and wherein the controller generates an output digital audio signal. The dependent claims have been amended to likewise recite an "output digital audio signal". Claims 6 and 7 have been added to recite the configuration and arrangement of the rotatable platter and tonearm, respectively.

It is respectfully submitted that this rejection is overcome and that the presently pending claims are patentable over the Cohen reference.

The Office Action rejected Claims 1-3 and 5 under 35 U.S.C. 102(b) as anticipated by the Jung reference (Published Patent Application 2001/0038580). At the outset, it is respectfully submitted that the Jung reference is extremely unclear and its disclosure is questionable. For example, Figure 2B might plausibly be interpreted as turntable, but is described in the specification as a "reproduction control unit" including "a second mouse" (see paragraph 0034, also see paragraph 0039 which describes the second mouse as "a general peripheral device of personal computers"). It further appears that the reproduction control unit is used to generate a "reproduction control signal" which is determined from displacement values which are varied by the user to "modify the speed or direction of reproduction of an audio signal" (see paragraph 0032, also see paragraph 0038 which describes the second mouse as making contact with the "circular plate 36"). Similarly, the generated analog signal is described as "having a direction information which indicates the direction in which the recording medium is rotated ..." (see paragraph 0042, also see paragraph 0051). The description of the record in paragraph 0044 indicates that the record of the Jung reference, similar to that disclosed in the Cohen reference, includes control information rather than audio information. It appears that the Jung reference, similar to the Cohen reference, is directed to controlling the playback of an external or otherwise separate audio source.

It is therefore respectfully submitted that this rejection is overcome.

The Office Action rejected Claims 3 and 4 under 35 U.S.C. §103(a) as being obvious over the Cohen reference in view of the Liao reference (Published Patent Application 2004/0139251). The Liao reference relates to the generation of USB or firewire signals (IEEE-1394). In view of the discussion above, even if these references were somehow combined, the combination of the Cohen and Liao references would lead to a Cohen-type control device which

controls a playback of an external audio signal but which outputs USB or firewire control signals. This clearly would not lead to the presently claimed invention.

It is therefore respectfully submitted that this rejection is overcome.

The Office Action rejected Claim 4 under 35 U.S.C. §103(a) as being obvious over the Jung reference in view of the Liao reference. Similar to the rejection over the Cohen reference in view of the Liao reference, and further to the above discussion, even if these references were somehow combined, the combination of the Jung and Liao references would lead to a Jung-type control device which controls a playback of an external audio signal but which outputs USB or firewire control signals. This clearly would not lead to the presently claimed invention.

It is therefore respectfully submitted that this rejection is overcome.

For all of the reasons above, it is respectfully submitted that all of the presently pending claims are in immediate condition for allowance. The Examiner is respectfully requested to withdraw the rejections of the claims, to allow the claims, and to pass this application to early issue.

Respectfully submitted,



Ronald E. Brown
Registration No. 32,200

Gerald Levy
Registration No. 24,419

Day Pitney LLP
7 Times Square
New York, New York 10036-7311
212-297-5800

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
10/862,942	06/08/2004	

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	07/19/2007	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 6	Minus	** 20	= 0	X $25 =	0	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0	X $100 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
Jacqueline E. Couplin

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/862,942	06/08/2004	James Mazur	488-194	5246

29540 7590 06/12/2007

DAY PITNEY LLP
7 TIMES SQUARE
NEW YORK, NY 10036-7311

EXAMINER	
CHOW, LIXI	
ART UNIT	**PAPER NUMBER**
2627	

MAIL DATE	DELIVERY MODE
06/12/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/862,942	MAZUR ET AL.	
	Examiner	Art Unit	
	Lixi Chow	2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) 1-5 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) 1-5 is/are rejected.

7)☒ Claim(s) 1 and 2 is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on 08 June 2004 is/are: a)☐ accepted or b)☒ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Objections

1. Claims 1 and 2 are objected to because of the following informalities:

on line 7 of claim 1, the word "converted" should be --converter--; and

in claim 7, the phrase "is a" should be --uses--.

Appropriate correction is required.

Drawings

2. The informal drawings are not of sufficient quality to permit examination. Accordingly, replacement drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to this Office action. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action.

Applicant is given a TWO MONTH time period to submit new drawings in compliance with 37 CFR 1.81. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a). Failure to timely submit replacement drawing sheets will result in ABANDONMENT of the application.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 2 and 5 are rejected under 35 U.S.C. 102(e) as being anticipated by Cohen (US 2003/0206506).

Regarding claim 1:

Cohen discloses a turntable (see Fig. 2, element 10) including:

a rotatable platter (Fig. 2, element 15),

a tonearm (Fig. 2, element 19) for receiving a phono cartridge (Fig. 2, element 17),

an analog to digital converter (Fig. 1, element 18) for receiving a signal from the phono cartridge, and

a controller (Fig. 1, element 20) for generating an output digital signal from an output of said analog to digital converter,

wherein said analog to digital converter and said controller are included within said turntable (see Figs. 1 and 2; element 18 is within turntable 10).

Regarding claim 2:

Cohen discloses the turntable of claim 1 wherein said output digital signal uses standard computer protocol (see Fig. 1, element 22).

Regarding claim 5:

Cohen discloses the turntable of clam 2, wherein said turntable further includes a jack for outputting said output digital signal (see Fig. 2; the turntable must includes a jack in order for outputting output digital signal).

5. Claims 1-3 and 5 are rejected under 35 U.S.C. 102(b) as being anticipated by Jung (US 2001/0038580).

Regarding claim 1:

Jung discloses a turntable (see Fig. 1, element 10, Fig. 3 and paragraphs [0041]-[0043]) including:

a rotatable platter (paragraph [0043]),

a tonearm (Figs. 3 and 4; the contact portion 40 includes a tonearm) for receiving a phono cartridge (Fig. 4, element 41A),

an analog to digital converter (Fig. 3, element 44) for receiving a signal from the phono cartridge, and

a controller (Fig. 1, element 8) for generating an output digital signal from an output of said analog to digital converter,

wherein said analog to digital converter and said controller are included within said turntable (see Fig. 3).

Regarding claim 2:

Jung discloses the turntable of claim 1, wherein said output digital signal uses standard computer protocol (see Fig. 1 and paragraph [0068]; when the turntable (reproduction control unit 10) is connected to the PC, the output digital signal inherently uses a standard computer protocol).

Regarding claim 3:

Jung discloses the turntable of claim 1, wherein said output digital signal uses universal serial bus (USB) protocol (see paragraph [0069]).

Regarding claim 5:

Jung discloses the turntable of claim 2, wherein said turntable further includes a jack for outputting said output digital signal (see Fig. 1 and paragraph [0068]; the turntable must includes a jack in order for outputting output digital signal).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

7. Claims 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cohen in view of Liao (US 2004/0139251).

Regarding claims 3 and 4:

Cohen discloses all the elements in claim 1; however, Cohen does not disclose the output digital signal uses USB or IEEE-1394. On the other hand, Liao discloses a phonographic equipment operable to generate an output signal, wherein said output signal uses firewire (IEEE-1394) (see the abstract).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the turntable of Cohen, so that the output digital signal of Cohen uses firewire (IEEE-1394) as suggested by Liao. One of ordinary skill in the art would have been motivated to carry out this modification, because signal can be transmitted in standard specifications, which allows the signal to be outputted onto an external host device (see the abstract).

8. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jung in view of Liao (US 2004/0139251).

Regarding claim 4:

Jung discloses all the elements in claim 1; however, Jung fails to disclose the output digital signal uses firewire. On the other hand, Liao discloses a phonographic equipment operable to generate an output signal, wherein said output signal uses firewire (IEEE-1394) (see the abstract).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the turntable of Jung, so that the output digital signal of Jung uses firewire (IEEE-1394) as suggested by Liao. One of ordinary skill in the art would have been motivated to carry out this modification, because signal can be transmitted in standard specifications, which allows the signal to be outputted onto an external host device (see the abstract).

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lixi Chow whose telephone number is 571-272-7571. The examiner can normally be reached on Mon-Fri, 8:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LC 6/8/07

WAYNE YOUNG
SUPERVISORY PATENT EXAMINER

Notice of References Cited	Application/Control No. 10/862,942	Applicant(s)/Patent Under Reexamination MAZUR ET AL.	
	Examiner Lixi Chow	Art Unit 2627	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2003/0206506	11-2003	Cohen, Laurent	369/47.23
*	B	US-2001/0038580	11-2001	Jung, Dong-Kwan	369/30.23
*	C	US-2004/0139251	07-2004	Liao, Cheng-Chi	710/062
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims

Application/Control No.	Applicant(s)/Patent under Reexamination
10/862,942	MAZUR ET AL.
Examiner	**Art Unit**
Lixi Chow	2627

√	Rejected	–	(Through numeral) Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

Claim		Date
Final	Original	6/8/07
	1	√
	2	√
	3	√
	4	√
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Claim		Date
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Search Notes	Application/Control No.	Applicant(s)/Patent under Reexamination	
	10/862,942	MAZUR ET AL.	
	Examiner	Art Unit	
	Lixi Chow	2627	

SEARCHED			
Class	Subclass	Date	Examiner
369	128	6/7/2007	LC

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
East keywords search (US-PGPUB, USPAT, USOCR and DERWENT)	6/7/2007	LC
Additional keywords search	6/8/2007	LC

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2925	((portable or external or separat$6) near3 (record$6 or reproduc$6 or device or system or player or apparatus or unit)) same (firewire or (IEEE adj "1394"))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/08 10:14
L2	45780	("369").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/06/08 10:14
L3	44	1 and 2	US-PGPUB; USPAT	OR	ON	2007/06/08 10:14
L4	72453	(usb or (universal adj serial adj bus) or (IEEE near2 "1394") or firewire)	US-PGPUB; USPAT	OR	ON	2007/06/08 10:20
L5	24034	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/08 10:20
L6	202	L4 and L5	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/08 10:20
L7	19	4 same 5	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/08 11:04
L10	7	US-6914181-$.DID. OR US-6545953-$.DID. OR US-5740146-$.DID. OR US-6541690-$.DID. OR US-6881949-$.DID. OR US-6818815-$.DID. OR US-6784804-$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 11:06
S1	1	10/862942.app.	US-PGPUB; USPAT	OR	ON	2007/06/07 11:20
S2	127	(369/128).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/07 11:21
S3	16	(turn-table or turntable or (turn adj table)) and (phono adj cartridge)	US-PGPUB; USPAT	OR	ON	2007/06/07 11:41
S4	7184	(phono adj cartridge) or (phonograph$4 or (phono adj graph$6))	US-PGPUB; USPAT	OR	ON	2007/06/07 11:25
S5	289121	("A/D" or AD or analog or digital) near3 (convert$6)	US-PGPUB; USPAT	OR	ON	2007/06/07 11:51
S6	516	S4 and S5	US-PGPUB; USPAT	OR	ON	2007/06/07 11:26
S7	72453	(usb or (universal adj serial adj bus) or (IEEE near2 "1394") or firewire)	US-PGPUB; USPAT	OR	ON	2007/06/07 11:27

EAST Search History

S8	59	S6 and S7	US-PGPUB; USPAT	OR	ON	2007/06/07 11:27
S9	33136	(turn-table or turntable or (turn adj table)) or (vinyl near2 (record$4 or plate or disc or disk or medium or media or carrier))	US-PGPUB; USPAT	OR	ON	2007/06/07 11:50
S10	2372	S5 and S9	US-PGPUB; USPAT	OR	ON	2007/06/07 11:43
S11	181	S7 and S10	US-PGPUB; USPAT	OR	ON	2007/06/07 11:50
S12	39235	(turn-table or turntable or (turn adj table)) or (vinyl near2 (record$4 or plate or disc or disk or medium or media or carrier)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT	OR	ON	2007/06/07 11:51
S13	81863	(turn-table or turntable or (turn adj table)) or (vinyl near2 (record$4 or plate or disc or disk or medium or media or carrier)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/07 18:02
S14	385568	("A/D" or AD or analog or digital) near3 (convert$6)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/07 11:51
S15	349	S13 same S14	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/07 18:01
S16	1465	(midi) and (usb or (universal adj serial adj bus) or firewire or (IEEE adj "1394"))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/07 18:02
S17	24034	((vinyl or lp) near2 (record$4 or plate or disc or disk or medium or media or carrier)) or (phonograph$6 or (phono adj graph$5))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/08 10:20
S18	385568	("A/D" or AD or analog or digital) near3 (convert$6)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/07 18:03
S19	119	S18 same S17	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/07 18:03
S20	397644	(("A/D" or AD or analog or digital) near3 (convert$6)) or adc	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/07 18:04

EAST Search History

S22	127	S17 same S20	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/08 10:11

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

PITNEY HARDIN
7 TIMES SQUARE
NEW YORK, NY 10036-7311

COPY MAILED
APR 27 2006
OFFICE OF PETITIONS

In re Application of	:	
James Mazur et al	:	
Application No. 10/862,942	:	DECISION ON PETITION
Filed: June 8, 2004	:	TO MAKE SPECIAL UNDER
Attorney Docket No. 488-194	:	37 CFR 1.102(d)
	:	

This is a decision on the petition under 37 CFR § 1.102(d), filed March 27, 2006 and supplemented on April 17, 2006, to make the above-identified application special based on actual infringement as set forth in M.P.E.P. § 708.02, Section II.

The petition is **DISMISSED**.

A grantable petition to make an application special under 37 CFR § 1.102(d) and MPEP § 708.02, Section II: Infringement, must be accompanied by the required fee pursuant to 37 CFR 1.17(h) and a statement by the applicant, assignee, or attorney/agent registered to practice before the Office alleging:

> (A) That there is an infringing device or product actually on the market or method in use;
>
> (B) That a rigid comparison of the alleged infringing device, product, or method with the claims of the application has been made, and that, in his or her opinion, some of the claims are unquestionably infringed; and
>
> (c) That he or she has made or caused to be made a careful and thorough search of the prior art or has a good knowledge of the pertinent prior art.
>
> Applicant must provide one copy of each of the references deemed most closely related to the subject matter encompassed by the claims if said references are not already of record.

The petition does not comply with requirement (C). Numark's submission does not demonstrate that applicant, assignee, or attorney/agent registered to practice before the Office has made or caused to

be made a careful and thorough search of the prior art or has a good knowledge of the pertinent art. Further, assuming that Numark's search was the result of a "careful and thorough" search does not satisfy this requirement.

Further correspondence with respect to this matter should be addressed as follows:

By Mail: Mail Stop PETITION
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

By hand: U. S. Patent and Trademark Office
Customer Service Window, Mail Stop Petitions
Randolph Building
401 Dulany Street
Alexandria, VA 22314

By FAX: (571) 273-8300

Telephone inquiries concerning this decision should be directed to Wan Laymon at 571-272-3220.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Technology Center Art Unit 2626 for action in its regular turn.

Denise Pothier
Petitions Examiner
Office of Petitions

IFW

OIPE IAP52 APR 17 2006 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Mazur et al.

10862942

Serial No.: ~~10/892,942~~

Filed: June 8, 2004

For: **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

Customer No. **29540**

Art Unit: 2655

Pitney Hardin LLP
7 Times Square
New York, New York 10036-7311

SUPPLEMENT TO
PETITION TO MAKE SPECIAL DUE TO INFRINGEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Further to the Petition to Make Special Due to Infringement, dated March 24, 2006, for the above application, Applicant submits the following:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450 on April 10 2006

Gerald Levy
Attorney

Signature

April 10, 2006
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-194

1402042A02040506

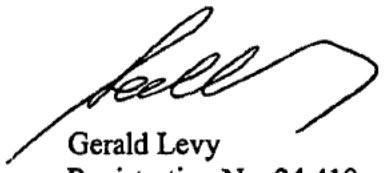
REMARKS

Applicant submits the enclosed corrected Exhibit 1 to demonstrate actual infringement of the claims of this application.

Any fees can be charged to Deposit Account No. 50-1145, Order No. 488-194.

Applicant respectfully petitions that the present application be made special.

Respectfully submitted,



Gerald Levy
Registration No. 24,419

Pitney Hardin LLP
7 Times Square
New York, New York 10036-7311
(212) 297-5800

overview
larger view

more turntables:
PT01
TT1600
TT1600MKII
TT1610
TT1650
TT200
TT500
TTX
x2

ttUSB Turntable with USB Audio Interface
Featuring Plug and Play USB compatibility with both PC and Macintosh computers, the TTUSB turntable makes digitizing one's vinyl record collection a breeze. Equipped with an adjustable anti-skating control for increased stereo balance, support for 33.33 and 45 RPM playback speeds, ± 10% adjustable pitch control, and a 1/8-inch stereo minijack input connector to facilitate the transfer of cassette tapes, Numark's TTUSB is the perfect tool for digitally archiving one's record collection. Combined with Audacity's software (PC and Mac compatible) for removing clicks and other noises, the TTUSB is an easy-to-use, comprehensive solution to the challenge of transferring one's record collection to a computer or portable music player.



> Download Product Overview

_Anti-skating control for increased stereo balance

_Support for both 33.33 and 45 RPM playback speeds

_± 10% adjustable pitch control

_RCA line outputs

_Plug and Play USB compatibility with both PC and Mac

_Packaged with all necessary cables to interconnect with both a computer and stereo playback system

_Ships with Audacity software (compatible with PC and Mac) for removing clicks, pops, and other undesirable characteristics of vinyl

_Audacity supports high-speed recording, then returns music to original playback speed

_Audacity software includes ability to export to WAV and MP3

email to friend print article

OIPE
MAR 27 2006
PATENT & TRADEMARK OFFICE

JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Mazur et al.

Serial No.: 10862942. ~~10/892,942~~

Filed: June 8, 2004

For: **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

Customer No. **29540**

Art Unit: 2655

Pitney Hardin LLP
7 Times Square
New York, New York 10036-7311

PETITION TO MAKE SPECIAL DUE TO INFRINGEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Applicant submits the following petition to make special.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450 on March 24, 2006

Gerald Levy
Attorney

Signature

March 24, 2006
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-194

1402042A01032306

REMARKS

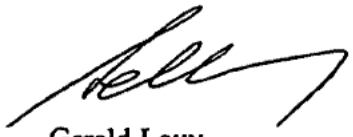
Pursuant to MPEP 708.02 II, the Applicant respectfully petitions to make the present application special based upon an infringing device actually on the market.

Enclosed is the Declaration of Gerald Levy which meets the requirements of MPEP 708.02 II.

The petition fee under Rules 17(h) and 102(d) is enclosed. Any further fees can be charged to Deposit Account No. 50-1145, Order No. 488-194.

Applicant respectfully petitions that the present application be made special.

Respectfully submitted,



Gerald Levy
Registration No. 24,419

Pitney Hardin LLP
7 Times Square
New York, New York 10036-7311
(212) 297-5800

OIPE MAR 27 2006 1AP100 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Mazur et al.

Serial No.: ~~10/892,942~~ 10862942

Filed: June 8, 2004

For: **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

Customer No. **29540**

Art Unit: 2655

7 Times Square
New York, New York 10036-7311
212-297-5800

DECLARATION OF GERALD LEVY

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

S I R:

Gerald Levy does declare as follows:

1. I am a member of the bar of the state of New York.

2. I am registered to practice before the U.S. Patent and Trademark Office. My registration number is 24,419.

1402062A01032306

3. I am a partner in the law firm of Pitney Hardin LLP.

4. I offer this declaration in support of Applicant's petition to make special based upon infringement, pursuant to Rule 102 and MPEP 708.02 II.

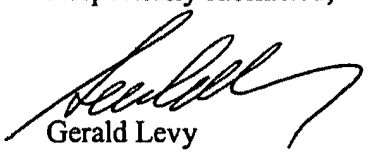
5. Attached as Exhibit 1 hereto are print-outs from the Numark website (www.numark.com) offering the subject matter of the presently pending claims for sale.

6. Based upon the print-outs of Exhibit 1, there is an infringing device or product actually on the market.

7. Based upon the print-outs of Exhibit 1, a rigid comparison of the alleged device or product with the claims of the application has been made, and that, in my opinion, some of the claims are unquestionably infringed.

8. Numark, the potential infringer, has filed a "Third Party Submission Under 37 C.F.R. 1.99", dated March 17, 2006, citing ten prior art references. Applicant assumes that this was the result of a "careful and thorough" search and therefore meets requirement (C) of MPEP 708.02. Further pursuant to MPEP 708.02, as this prior art is already of record, no copies of this prior art are required.

Respectfully submitted,



Gerald Levy
Registration No. 24,419

212.297.5800
Pitney Hardin LLP
7 Times Square
New York, NY 10036-7311

overview
larger view

more hard drive:
HDCD1
iDJ

HDX Hard Drive CD/MP3 Player

The Numark HDX is the world's first and only tabletop HD/CD/MP3 player. With an ultra-high torque motorized 12" platter, the HDX utilizes a real vinyl record for the ultimate vinyl feel. Now you can dramatically reduce the weight of the music you transport, and increase the volume and variety of your library. Styled after Numark's highly successful CDX player, the new HDX is the most advanced DJ media player available. Complete with an onboard hard drive, USB 2.0 ports, and an 8x CD reader, the HDX is the perfect tool for professional and aspiring performing DJs, mobile DJs, producers and club installers. The HDX includes a removable 80 GB hard drive supporting MP3, WMA, and WAV media formats. The unit's enhanced search capabilities facilitate easy file location by artist, album, genre, track, plus BPM. With high-speed USB 2.0 connectivity, you now have full access to the hard drive for both Mac and PC, making updating of content easier than ever.



> Download product overview

_Authentic turntable feel

_Ultra-high torque (4.7 kgf cm) direct drive motor

_Full size 12" platter holds a real user-replaceable vinyl record

_Extensive DSP functionality

_Scratching, looping, smart looping via Numark's proprietary Beatkeeper™ technology, auto beat matching

_Beat-synched effects include sonar, slide, filter, echo, chop

_±100% pitch control, Key Lock

_Slot load CD transport

_Fast CD loading

_Front-load slot

_I/O panel connections

_Audio input

_Audio Output (RCA)

_Midi In/Out

_Digital Output

_Fader Start

_USB 2.0

_PS/2 Keyboard



Music recognition technology and related data are provided by Gracenote®
Gracenote® is a registered trademark of Gracenote. The Gracenote logo and logotype and the "Powered by Gracenote" logo are trademarks of Gracenote.

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OIPE
MAR 27 2006
PATENT & TRADEMARK OFFICE
UP100

JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James Mazur et al.

Serial No.: **10/892,942**

Filed: June 8, 2004

For: **PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE**

Customer No. **29540**

Art Unit: 2655

Pitney Hardin LLP
7 Times Square
New York, New York 10036-7311

PETITION TO MAKE SPECIAL DUE TO INFRINGEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Applicant submits the following petition to make special.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450 on March 24, 2006

Gerald Levy
Attorney

Signature

March 24, 2006
Date of Signature

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-1145, Order No. 488-194

04/27/2006 CKHLOK 00000011 501145 10862942

01 FC:1464 130.00 DA

1402042A01032306

REMARKS

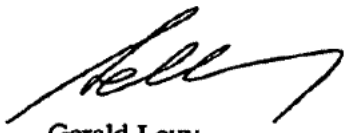
Pursuant to MPEP 708.02 II, the Applicant respectfully petitions to make the present application special based upon an infringing device actually on the market.

Enclosed is the Declaration of Gerald Levy which meets the requirements of MPEP 708.02 II.

The petition fee under Rules 17(h) and 102(d) is enclosed. Any further fees can be charged to Deposit Account No. 50-1145, Order No. 488-194.

Applicant respectfully petitions that the present application be made special.

Respectfully submitted,



Gerald Levy
Registration No. 24,419

Pitney Hardin LLP
7 Times Square
New York, New York 10036-7311
(212) 297-5800

AIPE IAP64
MAR 17 2006
PATENT & TRADEMARK OFFICE

03-20-06

LW

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted to the U.S. Patent and Trademark Office via U.S. Express Mail on Mar. 17, 2006 (date).

Signature

Certifier: David R. Josephs

PATENT
ART UNIT 2783
Serial No: 10/271413

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	MAZUR, James et al.
Serial No.:	10/862,942
Filed:	June 8, 2004
Published:	December 8, 2005
For:	PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

Examiner:	Not Assigned
Group Art Unit:	2655

THIRD PARTY SUBMISSION UNDER 37 C.F.R. 1.99

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Under 37 C.F.R. 1.99, third party Numark Industries, LLC hereby submits the following prior art patents and publications for consideration by the Patent and Trademark Office in connection with the examination of the above-identified patent application, namely, U.S. Serial No. 10/862,942 (Mazur et al.) filed on June 8, 2004. The required fee set forth in Section 1.17(p) of $180.00 is enclosed herein.

	Patent/Publication No.	Date Published
1.	U.S. Pat. No. 6914181	August 28, 2003
2.	U.S. Pat. No. 6545953	April 8, 2003
3.	U.S. Pat. No. 5740146	April 14, 1998
4.	U.S. Pat. No. 6541690	April 1, 2003
5.	U.S. Pat. No. 6881949	May 13, 2004
6.	U.S. Pat. No. 6818815	November 6, 2003
7.	U.S. Pat. No. 6784804	August 31, 2004
8.	U.S. Pub No. 2002/0172107	November 21, 2002
9.	Japanese Abstract No. JP9139675	May 27, 1997
10.	German Pat. No. DE20314069	December 18, 2003

Pursuant to Rule 1.99(d), no more than 10 patents or publications have been submitted herein. The patents and publications being submitted herein could not have been submitted to the Patent and Trademark Office earlier. Under Rule 1.99(e), this submission is being made after two months from the date of publication along with the required processing fee set forth in Section 1.17(i) of $130.00 which is enclosed herein.

A pre-paid, self-address confirmation postcard is also attached hereto.

Third party submitter requests that the Office charge Deposit Account 02-0900 for the fees under Sections 1.17(p) for $180.00 and 1.17(i) for $130.00 for a total of $310.00 in connection with the filing of this paper. Authorization to charge the deposit account is given by the undersigned.

The Office is invited to telephone the undersigned should any questions arise.

Respectfully submitted on behalf of:
Third Party Submitter
Numark Industries, LLC

Dated: March 17, 2006

David R. Josephs
Registration No. 34,632
BARLOW, JOSEPHS & HOLMES, LTD.
101 Dyer Street, 5th Floor
Providence, RI 02903
Tel: 401-273-4446
Fax: 401-273-4447



CERTIFICATION

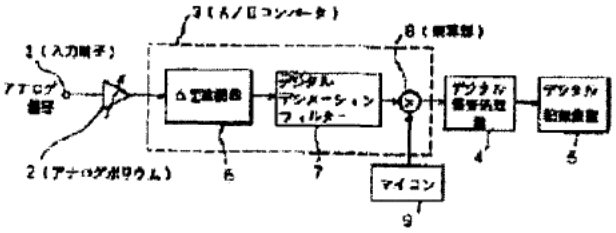
I hereby submit that a copy of the information submitted herein has been served on Pitney & Hardin LLP, located at 7 Times Square, New York, NY 10036-7311 which is the correspondence address and attorney of record for the application in Serial No. 10/862,942, via U.S. Express Mail.

March 17, 2006
Date

David R. Josephs

Abstract of **JP9139675**

PROBLEM TO BE SOLVED: To attain an excellent S/N in the case of an output of a digital signal with a small to medium level. SOLUTION: An A/D converter (3) is provided with a multiplier (8), which adjusts an output level of a digital signal in response to a gain coefficient received from a microcomputer (9). Furthermore, the digital signal with a longer bit length than that required for assuring the precision of A/D conversion is to be converted and even when a digital signal with a small to medium level is outputted, a noise level accompanying A/D conversion is reduced, resulting in preventing deteriorated S/N.



(19)日本国特許庁（ＪＰ）　(12)公開特許公報（Ａ）　(11)特許出願公開番号

特開平9－139675

(43)公開日　平成９年(1997)５月27日

(51)Int.Cl.[6]		識別記号	庁内整理番号	ＦＩ		技術表示箇所
Ｈ０３Ｍ	3/02		9382-5K	Ｈ０３Ｍ	3/02	
	1/08				1/08	Ａ

審査請求　未請求　請求項の数３　ＦＤ　（全７頁）

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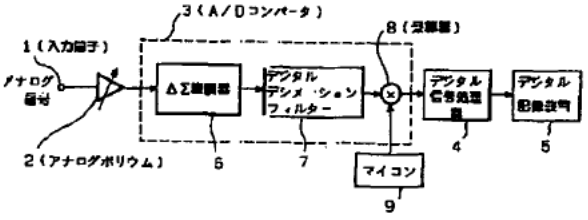
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(54)【発明の名称】　Ａ／Ｄコンバータ、デジタル信号処理装置及びデジタル記録装置

(57)【要約】

【課題】　小～中振幅レベルのデジタル信号を出力する場合でも良好なＳ／Ｎ比が得られるようにする。

【解決手段】　Ａ／Ｄコンバータ（３）に乗算器（８）を設け、この乗算器（８）でマイコン（９）から入力されるゲイン係数に応じてデジタル信号の出力レベルを調整すると共に、アナログ／デジタル変換の精度の必要とされるビット長より長いビットのデジタル信号に変換するようにし、小～中振幅レベルのデジタル信号を出力する時でもアナログ／デジタル変換に伴うノイズのレベルを小さくして、結果としてＳ／Ｎ比の悪化を防止する。



【特許請求の範囲】
【請求項1】　入力されるアナログ信号から1ビットのパルスデータ列を生成して出力するΔΣ変調手段と、
上記1ビットのパルスデータ列に含まれる高調波成分のノイズを除去すると共に、多ビットのデジタル信号を生成するデジタルデシメーションフィルタ手段と、
入力されるゲイン係数に応じて、上記多ビットのデジタル信号の出力レベルを調整すると共に、所定のビット長のデジタル信号に変換して出力する乗算手段と、
を備えて構成されることを特徴とするA／Dコンバータ。
【請求項2】　入力されるアナログ信号のレベルを調整できる調整手段と、
該調整手段から出力されるアナログ信号から1ビットのパルスデータ列を生成して出力するΔΣ変調手段と、
上記1ビットのパルスデータ列に含まれる高調波成分のノイズを除去すると共に、多ビットのデジタル信号を生成するデジタルデシメーションフィルタ手段と、
入力されるゲイン係数に応じて、上記多ビットのデジタル信号の出力レベルを調整すると共に、所定のビット長のデジタル信号に変換して出力する乗算手段と、
該乗算手段から出力されるデジタル信号に所定の信号処理を施すデジタル信号処理手段と、
を備えて構成されることを特徴とするデジタル信号処理装置。
【請求項3】　入力されるアナログ信号のレベルを調整できる調整手段と、
該調整手段から出力されるアナログ信号から1ビットのパルスデータ列を生成して出力するΔΣ変調手段と、
上記1ビットのパルスデータ列に含まれる高調波成分のノイズを除去すると共に、多ビットのデジタル信号を生成するデジタルデシメーションフィルタ手段と、
入力されるゲイン係数に応じて、上記多ビットのデジタル信号の出力レベルを調整すると共に、所定のビット長のデジタル信号に変換して出力する乗算手段と、
該乗算手段から出力されるデジタル信号に所定の信号処理を施すデジタル信号処理手段と、
該デジタル信号処理手段から出力されるデジタル信号を記録するデジタル記録手段と、
を備えて構成されることを特徴とするデジタル記録装置。
【発明の詳細な説明】
【0001】
【発明の属する技術分野】本発明はA／Dコンバータ、デジタル信号処理装置、及びデジタル記録装置に関わり、特にデジタルオーディオテープレコーダ、ミニディスクプレーヤ等のデジタルオーディオ機器に用いて好適なものである。
【0002】
【従来の技術】近年、デジタルオーディオテープレコーダ（DAT）、ミニディスクプレーヤ（MD）等のデジタルオーディオ機器においては、アナログ信号をデジタル信号に変換するA／Dコンバータとして、例えばΔΣ変調器、及びデジタルデシメーションフィルタによって構成されるオーバーサンプリング型のA／Dコンバータが用いられているものがある。このようなオーバーサンプリング型のA／Dコンバータはオーバーサンプリングを行うことによって、量子化雑音を高域側に押しやり、オーディオ帯域のノイズを低減するものである。
【0003】図3は上記したようなオーバサンプリング型のA／Dコンバータが設けられている従来のデジタル記録装置のブロック図の一例を示したものである。この図に示すデジタル記録装置は、アナログボリューム32、破線で示したオーバーサンプリング型のA／Dコンバータ（以下、単に「A／Dコンバータ」という）33、デジタル信号処理器34、及びデジタル記録装置35で構成されている。
【0004】アナログボリューム32は、入力端子31から入力される例えば楽音信号等とされるアナログ信号の振幅レベルを調整し、A／Dコンバータ33は、例えばΔΣ変調器36、デジタルデシメーションフィルタ37で構成されており、アナログボリューム32を介して入力されるアナログ信号を所定のビット長を有するデジタル信号に変換して出力するようになされている。
【0005】このA／Dコンバータ33を構成するΔΣ変調器36は、アナログボリューム32を介して入力されるアナログ信号に応じた1ビットのパルスデータ列を生成して出力するようになされている。デジタルデシメーションフィルタ37は、例えばFIRローパスフィルタによって構成されており、ΔΣ変調器36で生成された1ビットのパルスデータ列に含まれる高調波成分の量子化ノイズ等を除去すると共に、間引き演算を行って、多ビットのデジタル信号に変換して出力するようになされている。
【0006】デジタル信号処理器34は、A／Dコンバータ33から出力されるデジタル信号に対して、圧縮、訂正等の信号処理を行い、デジタル記録装置35はデジタル信号処理器34から出力されるデジタル信号を例えば磁気テープ、ディスク、メモリ等に記録する記録装置である。
【0007】このような従来のデジタル記録装置においては、例えばユーザーが音楽等を磁気テープ等に意図的に小音量で記録したり、音量のレベルを徐々に大きく／小さくする、いわゆるフェードアウト／インを行う場合は、アナログボリューム32によってA／Dコンバータ33に供給するアナログ信号の振幅レベルを調整するようにしていた。
【0008】ところで、上記したようなA／Dコンバータ33の理想的なノイズフロアのレベルは一定となるため、通常は入力端子31からアナログボリューム32を

介して入力されるアナログ信号の振幅レベルが大きくなると、図4に示すようにΔΣ変調器41における雑音－歪み特性は改善され、入力信号レベルに対する雑音歪み率（THD+N)は小さくなる。

【0009】つまり理論的には、入力信号レベルに対する雑音歪み率（THD+N)は、破線で示すようにアナログ信号の入力レベルがA_1 に達するまで改善され、入力レベルがA_1 に達すると、波形がクリップして急激に悪化するはずである。

【0010】しかしながら、このようなΔΣ変調器は、高次ΔΣ変調特有の性質により、入力されるアナログ信号のレベルが大きくなって変調率が1に近付くと、歪み及びノイズ等が増加するという雑音歪み特性を有しており、実際には入力されるアナログ信号が最大入力レベルA_1 近辺に達すると、歪み及びノイズが増加して図4の実線で示すように雑音－歪み特性が急激に悪化することになる。

【0011】そこで、ΔΣ変調器に最大入力レベルA_1 近辺のアナログ信号が入力された時に雑音－歪み特性が悪化するのを防止するため、例えば米国特許4851841号にデジタルデシメーションフィルタのインパルスレスポンス係数のゲインを1以上に設定して、入力レベルをA_2 近傍に設定する方法が提案されている。

【0012】この場合、例えばΔΣ変調器に入力されるアナログ信号の入力レベルがA_2 （図4に示す雑音－歪み特性が最も良くなる入力レベル）に達した時、デジタルデシメーションフィルタから出力されるデジタル信号の出力レベルがフルスケールとなるような所定のゲインを掛け合わせたインパルスレスポンス係数をデジタルデシメーションフィルタに供給するようにしている。

【0013】

【発明が解決しようとする課題】ところで、図3に示したようなA／Dコンバータ33のおけるアナログ／デジタル変換に伴うノイズは、ΔΣ変調特有の性質によって雑音及び歪み等が悪化する最大の入力レベルA_1 近辺を除いては、ほぼ一定になる。このため、上述したように例えば小音量で磁気テープ等に記録したり、フェードイン／アウトを行った場合、つまりアナログボリューム32を可変してΔΣ変調器36に入力されるアナログ信号の振幅レベルが小～中振幅レベルになると、入力信号の振幅レベルが小さくなった分だけA／Dコンバータ33におけるS／N比が悪化するという問題が生じる。

【0014】またこの場合は、前述した米国特許4851841号に開示されているように、デジタルデシメーションフィルタ42のインパルスレスポンス係数のゲインを1以上に設定すると、デジタルデシメーションフィルタ37でアナログ／デジタル変換に伴うノイズも一緒に増幅されてしまうことになる。このため、例えば大振幅レベルのアナログ信号が入力された時に出力されるデジタル信号のS／N比が悪化しても、小～中振幅レベルのアナログ信号が入力された時に出力されるデジタル信号のS／N比を優先したい等の要望には応じることができなかった。

【0015】本発明はこのような問題点を解決するためになされたもので、小～中振幅レベルのデジタル信号を出力する場合でも良好なS／N比が得られるようにすることを目的とする。

【0016】

【課題を解決するための手段】上記目的を達成するため、入力されるアナログ信号から1ビットのパルスデータ列を生成して出力するΔΣ変調手段と、1ビットのパルスデータ列に含まれる高調波成分のノイズを除去すると共に、多ビットのデジタル信号を生成するデジタルデシメーションフィルタ手段と、入力されるゲイン係数に応じて多ビットのデジタル信号の出力レベルを調整すると共に、所定のビット長のデジタル信号に変換して出力する乗算手段とを備えたA／Dコンバータを構成する。

【0017】また、上記A／Dコンバータにデジタル信号処理手段を設けデジタル信号処理装置を構成し、さらに、このデジタル信号処理装置にデジタル記録手段を設けてデジタル記録装置を構成することとした。

【0018】本発明によれば、A／Dコンバータに乗算手段を設け、この乗算手段に入力されるゲイン係数に応じてデジタル信号の出力レベルを調整すると共に、アナログ／デジタル変換の精度の必要とされるビット長より長いビットのデジタル信号に変換しているため、小～中振幅レベルのデジタル信号を出力する場合でもアナログ／デジタル変換に伴うノイズのレベルを小さくすることができるようになり、結果としてS／N比の悪化を防止することができる。

【0019】

【発明の実施の形態】図1は本発明の実施の形態であるデジタル記録装置のブロック図を示したものである。この図に示すデジタル記録装置は、アナログボリューム2、破線で示したA／Dコンバータ3、マイクロコンピュータ9、デジタル信号処理器4、デジタル記録装置5で構成されている。アナログボリューム2は、入力端子1から入力される例えば楽音信号等とされるアナログ信号の振幅レベルを調整し、A／Dコンバータ3は、例えばΔΣ変調器6、デジタルデシメーションフィルタ7、乗算器8で構成されており、アナログボリューム2を介して入力されるアナログ信号をデジタル信号に変換して出力するようになされている。

【0020】このA／Dコンバータ3を構成するΔΣ変調器6は、アナログボリューム2を介して入力されるアナログ信号に応じて1ビットの密度変調が行われたパルスデータ列を生成して出力するようになされている。デジタルデシメーションフィルタ7は、例えばFIRローパスフィルタによって構成されており、ΔΣ変調器6で生成された1ビットのパルスデータ列に含まれる高調波

成分の量子化ノイズ等を除去すると共に、間引き演算を行ってΔΣ変調器6のサンプリング周波数より低いサンプリング周波数に変換し、多ビットのデジタル信号を出力するようになされている。また、このデジタルデシメーションフィルタ7のインパルスレスポンス係数のゲインは1とされている。

【0021】乗算器6は、デジタルデシメーションフィルタ7から出力されるデジタル信号をマイクロコンピュータ（以下、「マイコン」という）9から供給されるゲイン係数と掛け合わせ、デジタル信号の出力レベルを制御すると共に、ΔΣ変調器6及びデジタルデシメーションフィルタで行われるアナログ／デジタル変換の精度以上のビット長のデジタル信号を出力するようになされている。マイコン9は、例えば図示されていない操作部等の操作に応じて設定されたゲイン係数を出力すると共に、フェードイン／フェードアウト等の動作を行うためのゲイン係数を出力するようになされている。

【0022】デジタル信号処理器4は、A／Dコンバータ3から出力されるデジタル信号に、例えば圧縮、訂正等の信号処理を施して出力し、デジタル記録装置5は、デジタル信号処理器4から出力されるデジタル信号を例えば磁気テープ、ディスク、メモリ等に記録するようになされている。

【0023】以下、上記したようなデジタル記録装置の動作について説明する。A／Dコンバータ3を構成するΔΣ変調器6は、高次ΔΣ変調特有の性質により、入力されるアナログ信号のレベルが大きくなり、変調率が1に近付くと、歪み及びノイズが増加するという特性を有している。

【0024】そこで、A／Dコンバータの入力値がどの時点でデジタル出力がフルスケールとなるかをおおよそ決め、それに適した係数をマイコン9によって設定する。例としてこの場合1．5という係数を設定する。

【0025】次に、入力端子1に最大レベルのアナログ信号（図4に示す入力レベルA_1）が供給された場合に、A／Dコンバータ3、すなわち乗算器8からフルスケールのデジタル信号が出力されるようにアナログボリューム2のボリューム値を調整する。つまり、アナログボリューム2は、入力端子1に最大振幅レベルのアナログ信号が入力されても、ΔΣ変調器6で歪み及び雑音等が発生しないようにA／Dコンバータ3に入力されるアナログ信号の振幅レベルを調整されることになる。

【0026】この振幅レベルが調整されたアナログ信号は、ΔΣ変調器6に入力されて1ビットのパルスデータである高速デジタルストリームデータに変換される。そして、この高速デジタルストリームデータは、デジタルデシメーションフィルタ5で高周波成分の例えば量子化ノイズ等が除去され、多ビットのデジタル信号に変換して出力される。なお、デジタルデシメーションフィルタ7のインパルスレスポンス係数のゲインは1とされているため、ΔΣ変調器6に入力されるアナログ信号と振幅レベルが同一のデジタル信号が出力されることになる。

【0027】ここで、デジタルデシメーションフィルタ7から例えば18ビットのデジタル信号が出力されたとすると、この18ビットのデジタル信号は、乗算器8においてマイコン9から供給されるゲイン係数（1．5）と掛け合わされて振幅レベルを調整している。つまり、乗算器8に供給されるゲイン係数によって音量レベルを調整するようになされている。そのため、例えばアナログ／デジタル変換の精度から必要とされるビット長（18ビット）より長い24ビットのデジタル信号に変換されて出力するようになされている。そして、この24ビットに変換されたデジタル信号は、デジタル信号処理器4で圧縮、訂正等の所定の処理が施され、デジタル記録装置5に出力されることで磁気テープ、ディスク、メモリ等に記録されることになる。

【0028】よって、このように構成された本実施の形態のデジタル記録装置においては、意図的に小音量で記録する場合、例えば音量のレベルを最初の状態から40dB（1／100倍）まで小さくする時は、ボリュームは固定したままマイコン9から0．015というゲイン係数を乗算器8に供給するようにしている。

【0029】また、例えばフェードアウトの動作を行う場合は、マイコン9から例えば1．5から1．3→1．0→0．8→0．5→0．3→0．1・・・とゲイン係数を徐々に小さくして乗算器6に供給し、逆にフェードインの動作を行う場合は、マイコン9から例えば・・・0．1→0．3→0．5→0．8→1．0→1．3→1．5とゲイン係数を徐々に大きくして乗算器6に供給するようにしている。

【0030】このようにマイコン9から供給されるゲイン係数によって、小～中レベルの音量となるように調整すると、従来のアナログボリューム2を可変して音量レベルを調整した場合と比較してS／N比の悪化を防止することができる。つまり、例えばΔΣ変調器6の最大S／N比が97dBであると仮定すると、アナログボリューム2によって音量レベルを40dB小さくした場合、A／Dコンバータから出力されるデジタル信号のS／N比が、57dB（97dB－40dB＝57dB）まで低下するに対して、本実施の形態のA／Dコンバータ3のように乗算器6でデジタル信号の振幅レベルを調整するとS／N比を97dBに保つことができる。

【0031】これは、A／Dコンバータ3の乗算器8から出力されるデジタル信号がアナログ／デジタル変換の精度として必要とされるビット長（18ビット）より、長いビット長（24ビット）となるようにしているため、再量子化ノイズが約－145dBとなり、マイコン9によって乗算器8で音量レベルを40dB低下させてもノイズレベルは－105dB（－145dB＋40dB＝－105dB）となり、ΔΣ変調器4のノイズ（－

９７ｄＢ）レベルより小さい値となるため、結果としてＳ／Ｎ比の悪化が防止することができる。

【００３２】また、例えば通常の音量レベルで録音する場合も、ユーザが録音時の状態によって音質等を確認しながら、Ａ／Ｄコンバータ３から出力されるデジタル信号のゲインを調整することができるため、音質的に最も好ましい状態で録音することができるようになる。

【００３３】すなわち、例えば係数を大きくして、図４のA_2 点に近い位置をフルスケールのデジタル信号が出力されるようにゲイン係数を設定すれば、大振幅時の歪みを重視した録音を行うことが可能になり、一方、係数を小さくして図４のA_1 点に近い位置をフルスケールのデジタル信号が出力されるようにゲイン係数を設定すれば、ノイズレベルの増幅量を小さくすることが可能になり、小～中振幅時のＳ／Ｎ比をより重視した録音を行うことができる。

【００３４】ここで、図２に上記したようなＡ／Ｄコンバータ３のデジタル回路部のブロック図の一例を示す。この図に示すＡ／Ｄコンバータ３のデジタル回路部は、マイコンインターフェース１１、アップ／ダウンカウンタ１２、係数ＲＯＭ１３、切換スイッチ１４、ＲＡＭ１５、乗算器１６、データインターフェース１７によって構成されている。

【００３５】マイコンインターフェース１１は、マイコン９より伝送されてくるシリアルのゲイン係数のデータを、パラレルのゲイン係数のデータに変換して出力する。アップ／ダウンカウンタ１２は、マイコン９から伝送されてくるゲイン係数のデータと同じになるまで、例えば１サンプルに１回、１ＬＳＢ分だけカウンタの値をアップ又はダウンするようになされており、係数の急激な変化に伴うクリックノイズの発生を防ぐようになされている。

【００３６】係数ＲＯＭ１３は、デジタルデシメーションフィルタで間引き演算を行う際に必要なインパルスレスポンス係数を記憶している。ＲＡＭ１５は書込み／読み出し等を行うことができるメモリであり、ΔΣ変調器４から入力される１ビットのパルスデータ列を一時的に記憶して乗算器１６に出力すると共に、後述するが乗算器１６で間引き演算がされたデジタル信号を再びメモリすることができるようになされている。

【００３７】乗算器１６は、通常はスイッチ１４によって係数ＲＯＭ１３と接続されており、ＲＡＭ１５から入力される１ビットのパルスデータ列に対して間引き演算を行って再びＲＡＭ１５に出力すると共に、間引き演算終了後、スイッチ１４が切り換わるタイミングでＲＡＭ１５から間引き演算がされたデジタル信号が供給されルようになされており、マイコン９から伝送されてくるゲイン係数を掛け合わせるようになされている。

【００３８】つまり、乗算器１６では、時分割的にデジタルデシメーションフィルタ７で行われる間引き演算と、乗算器８のデジタル信号の振幅レベルの調整が行われる。データインターフェース１７は、乗算器１６で振幅レベルの調整がされたデジタル信号をに出力するようになされている。

【００３９】このようにＡ／Ｄコンバータ３のデジタル回路部では、乗算器１６によってデジタルデシメーションフィルタ７で行われる間引き演算と、振幅レベルの調整が兼用して行うようにして、デジタル回路部を効率よく使用し回路規模を最小限にしている。

【００４０】なお、本実施の形態においては、Ａ／Ｄコンバータ３のデジタル回路部とされる乗算器１６によってデジタルデシメーションフィルタ７の間引き演算とデジタル信号の振幅レベルを調整を行う場合について説明したが、これに限定されることなく、例えばデジタル信号処理器４に乗算器を設けてデジタル信号の振幅レベルの調整を行うようにしても良い。

【００４１】

【発明の効果】以上、説明したように本発明のＡ／Ｄコンバータ、デジタル信号処理装置、デジタル記録装置は、乗算手段によってデジタル信号の出力レベルを調整すると共に、必要とされるビット長より長いビット長のデジタル信号に変換して出力するようにしているため、小～中振幅レベルのデジタル信号を出力する場合もＳ／Ｎ比が悪化するのを防止して良好なデジタル信号を出力することができる。

【００４２】また、ユーザが録音時の状態によって音質等を確認しながらデジタル信号の出力レベルを調整することができるため、音質的に最も好ましい状態で録音等を行うことができるという効果もある。

【図面の簡単な説明】

【図１】本発明の発明の実施の形態であるデジタル記録装置のブロック図である。

【図２】本発明の実施の形態におけるＡ／Ｄコンバータのデジタル回路部のブロック図である。

【図３】従来のデジタル記録装置のブロック図である。

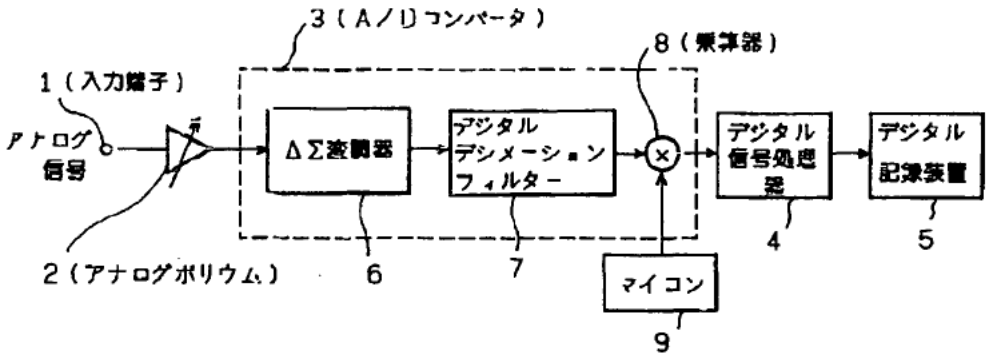
【図４】ΔΣ変調器の雑音－歪み特性を示した図である。

【符号の説明】

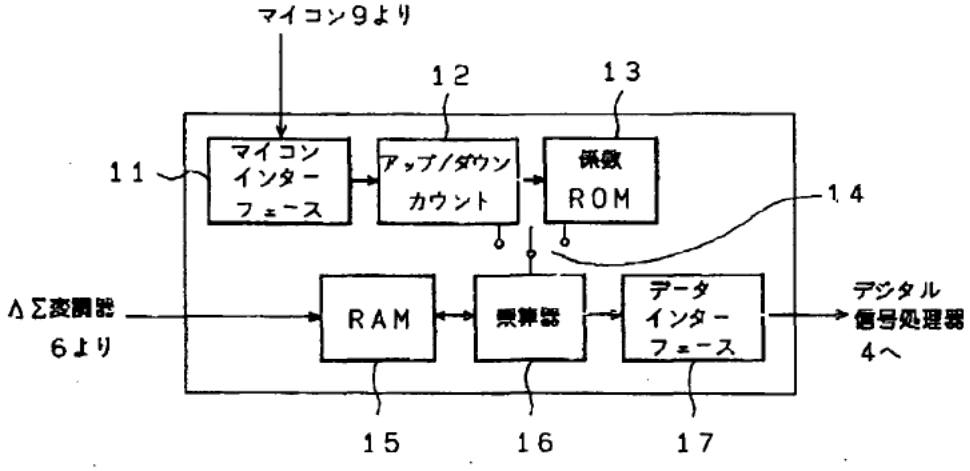
１　入力端子
２　アナログボリューム
３　Ａ／Ｄコンバータ
４　デジタル信号処理器
５　デジタル記録装置
６　ΔΣ変調器
７　デジタルデシメーションフィルタ
８、１６　乗算器
９　マイクロコンピュータ
１１　マイコンインターフェース
１２　アップ／ダウンカウンタ
１３　係数ＲＯＭ

14　スイッチ
15　RAM
16　リミッタ回路
17　データインタフェース

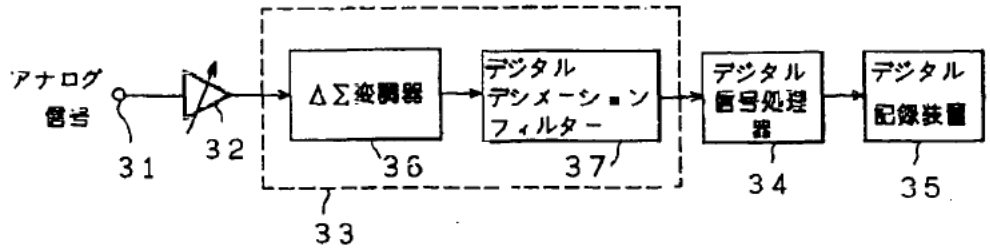
【図1】



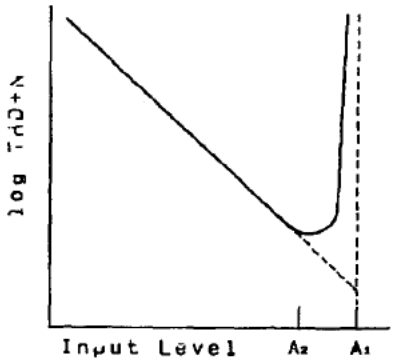
【図2】



【図3】



【図4】



フロントページの続き

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USB Interfaced vehicle phonographic equipment

(FR2858472)

EQUIPEMENT PHONOGRAPHIQUE DE VEHICULE A INTERFACE USB

Index Terms: POWER SUPPLY; MOBILE PHONE; MOTOR VEHICLE; USB PORT; AUDIO EQUIPMENT

(US20050027909)
A USB interfaced vehicle phonographic equipment has one end opening for penetratingly disposing a USB interface jack, and also has a circuit board arranged in the casing of the main body thereof. The circuit board has a USB interface control unit having one end electrically connected with the USB interface jack, so that data transmitting or power securing is possible after a USB device has been plugged in that jack.

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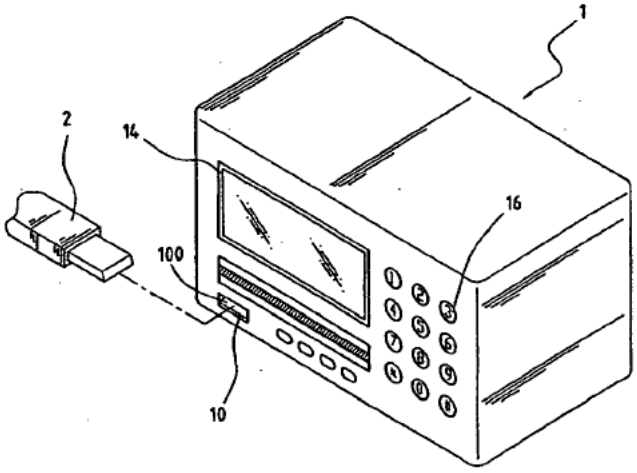
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(54) USB-schnittstellenangeschlossene Fahrzeugfonografieeinrichtung

(57) USB-schnittstellenangeschlossene Fahrzeug-Fonografieeinrichtung, gekennzeichnet durch
einen Hauptkörper (1) mit mindestens zwei Endöffnungen (10), von denen eine eine USB-Schnittstellenbuchse (100) aufnimmt, die in dem Gehäuse des Hauptkörpers (1) angeordnet ist, in welchem sich eine Schaltungsplatine befindet, sowie
eine USB-Schnittstellensteuereinheit (31), deren eines Ende elektrisch an geschlossen ist an die USB-Schnittstellenbuchse (100) zur selektiven Steuerung einer eingesteckten USB-Einrichtung (2) zur Übertragung von Diagrammdaten, Filmen, geschriebenen Daten und zur selektiven Übernahme von Leistung.



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USB-schnittstellenangeschlossene Fahrzeug-Fonografieeinrichtung

HINTERGRUND DER ERFINDUNG

1. Gebiet der Erfindung

[0001] Die vorliegende Erfindung bezieht sich auf Fahrzeug-Fonografieeinrichtungen und im besonderen bezieht sie sich auf eine Fahrzeug-Fonografieeinrichtung, die mit einer USB-Schnittstellenbuchse versehen ist, welche sich an einem Ende ihres Hauptkörpers befindet, so dass eine Datenübertragung oder Leistungssicherung möglich ist.

2. Stand der Technik

[0002] Wenn man einen Rückblick wirft auf den industriellen Fortschritt in der menschlichen Geschichte, trieb die Erfindung der Dampfmaschine von James Watt (1736-1819), die allgemein als erste industrielle Revolution bezeichnet wird, die Automobilindustrie an, um zumindest in den letzten 100 Jahren die Automobilindustrie zu fördern, was zur heutigen Blüte der Industrie führt. Sodann wird der

Computer, der das tägliche Leben der Menschen in den nachfolgenden Dekaden geändert hat, zweifellos als der Stern angesehen, der die zweite industrielle Revolution beleuchtet, um unser Leben von einer analogen Ära in eine digitale Ära zu konvertieren. In der dritten industriellen Revolution, die auch als die Netzrevolution bezeichnet wird, haben die Menschen zu lernen begonnen, um Daten online von einem Computer zum anderen auszutauschen, wobei jedoch die Integration weit davon entfernt ist, einen Computer und ein Kraftfahrzeug miteinander zu vereinen.

[0003] Im wirklichen Leben sehnen sich die Menschen stets nach einem Kraftfahrzeug mit mehr neuen Funktionen und mit einer wirkungsvollen Verbindung zu einem Computer über beispielsweise eine USB-(universal serial bus)Schnittstelle, so dass es für den Menschen möglich wird, MP3-Musik über die USB-Schnittstelle herunterzuladen und die Musik abzuspielen über ein tragbares Autoabspielgerät. Mehr als dieses ist es auch für die Menschen möglich, den inneren Status eines Kraftfahrzeuges zu erfassen und die Daten zu speichern in einer USB-schnittstellenangeschlossenen Speichereinrichtung und dies dann zu übertragen an ein Kraftfahrzeugwerkstattzentrum für Computerdiagnose. Darüber hinaus kann ein Fahrer ein Netzwerktelefon betreiben über eine USB-Schnittstelle, wobei die kraftfahrzeug-fonografische Einrichtung eingesetzt werden kann für ein Freihandgespräch, um die Verkehrssicherheit zu fördern. Nach allem ist es überhaupt nicht schwierig für Menschen, sich einem Kraftfahrzeug anzupassen oder mit diesem zu kommunizieren, solange es mit einer kraftfahrzeug-fonografischen Einrichtung versehen ist, die eine USB-Schnittstelle aufweist mit jedem Produkt, das am Markt verfügbar ist und mit einer USB-Schnittstelle ausgerüstet ist.

[0004] In vielen Fällen wird die Zigarettenanzünderbuchse als die praktischste Leistungsquelle angesehen für elektronische Kraftfahrzeuggeräte. Diese Leistungsquelle ist jedoch nachteilig hinsichtlich der folgenden Punkte:

[0005] (1) Da die Zigarettenanzünderbuchse kontinuierlich Leistung zuführt, auch wenn der Motor steht, können hierdurch Gefahren über die Zeitdauer entstehen, in welcher der Fahrer das Kraftfahrzeug für eine Weile verlässt.

[0006] (2) Da die Zigarettenanzünderbuchse stets kontinuierlich Leistung zuführt, auch wenn der Motor steht, fährt die elektronische Einrichtung, die an die Buchse angeschlossen ist fort, Leistung der Batterie zu verbrauchen und es ergibt sich hieraus die Konsequenz, dass die Batterie langsam leer wird.

[0007] Die Zigarettenanzünderbuchse sieht mehr oder weniger schlecht aus und ist am Armaturenbrett ein wenig zu weit entfernt für den Einsatz.

[0008] Um diese Nachteile zu minimieren, wurde hier eine sichere 5Volt-Spannungsquelle durch eine kraftfahrzeug-fonografische Einrichtung bereitgestellt, um damit die Leistung zu umgehen, die von der Zigarettenanzünderbuchse bereitgestellt wird.

ZUSAMMENFASSUNG DER ERFINDUNG

[0009] Die vorliegende Erfindung beschreibt eine USB-schnittstellenangeschlossene Fahrzeugfonografieeinrichtung, die in der Lage ist, Leistung über ein USB-schnittstellenangeschlossenes Strominformationsprodukt wie etwa ein PDA, ein vernetztes Telefon, einen USB-interfaceangeschlossenen Videorekorder, einen USB-schnittsstellenangeschlossenen HDD, zu sichern und Daten oder Musik heranzuholen.

[0010] Es ist dementsprechend das primäre Ziel der vorliegenden Erfindung, eine USB-schnittstellenangeschlossene Fahrzeug-Fonografieeinrichtung bereitzustellen, die in der Lage ist, Leistung zu sichern über ein USB-schnittstellenangeschlossenes Informationprodukt.

[0011] Ein weiteres Ziel der vorliegenden Erfindung liegt darin, eine USB-schnittstellenangeschlossene Fahrzeug-Fonografieeinrichtung bereitzustellen, mit einer USB-Buchse für einen Anschluß mit einem USB-schnittstellenangeschlossenen Produkt, wie etwa einem vernetzen Telefon, einem PDA, einem tragbaren MP3-Spieler usw., um Diagrammdaten, Filme, geschriebene Daten und Musik heranzuholen.

[0012] Weitere detaillierte Informationen hinsichtlich der Vorteile oder Merkmale der vorliegenden Erfindung ergeben sich aus dem nachfolgenden Beispiel einer bevorzugten Ausführungsform unter Bezugnahme auf die beigefügten Zeichnungen.

KURZE BESCHREIBUNG DER ZEICHNUNGEN

[0013] Die der detaillierten Beschreibung der vorliegenden Erfindung beigefügten Zeichnungen werden nachfolgend kurz beschrieben:

[0014] Fig. 1 ist eine perspektivische Ansicht einer USB-schnittstellenangeschlossenen Fahrzeug-Fonografieeinrichtung; und

[0015] Fig. 2 zeigt ein Blockdiagramm einer Schaltung der USB-schnittstellenangeschlossenen Fahrzeug-Fonografieeinrichtung gemäß der vorliegenden Erfindung.

DETAILLIERTE BESCHREIBUNG DER BEVORZUGTEN AUSFÜHRUNGSFORM

[0016] Unter Bezugnahme auf die Zeichnungen und insbesondere auf Fig. 1 umfaßt eine USB-schnittstellenangepaßte Fahrzeug-Fonografieeinrichtung der vorliegenden Erfindung einen Hauptkörper der Fonografieeinrichtung 1 mit mindestens zwei Endöffnungen 10, von denen eine vorgesehen ist für das Einstecken einer USB-schnittstellenangeschlossenen Buchse 100, so dass eine USB-Einrichtung 2 einsteckbar ist und dementsprechend fixiert ist für die Datenübertragung von Diagrammdaten, Filmen, geschriebenen Daten, Liedern und ähnlichem oder für eine Leistungseingabe. Die USB-Einrichtung 2 kann ein MP3-Spieler, eine tragbare Datenspeichereinrichtung (wie beispielsweise eine Pocketdisk), ein Netzwerktelefon oder ein PDA (personal digital assistant) sein.

[0017] In einem zentralen oberen Teil der Vorderfläche des Hauptkörpers der Fonografieeinrichtung 1 befindet sich eine Flüssigkristallanzeige 14, um den

Benutzer die notwendige Information anzuzeigen sowie eine Mehrzahl von Druckknöpfen 16 im rechten Teil der vorderen Fläche des Hauptkörpers der fonografischen Einrichtung 1, damit der Benutzer Befehle eingeben kann, um den Betriebsmodus gemäß der vorliegenden Erfindung zu ändern.

[0018] Unter gleichzeitiger Bezugnahme auf Fig. 2 ist das Gehäuse des Hauptkörpers der Fonografieeinrichtung 1 versehen mit einer inneren Schaltungsplatine (nicht dargestellt). Die Schaltungsplatine umfasst eine USB-Schnittstellensteuereinheit 31, eine CD/VCD-Eingabe- und Bearbeitungseinheit 33, eine CD/VCD-Steuereinheit 34, eine Anzeigesteuereinheit 35, eine Tonausgabeeinheit 36, eine Anzeigeeinheit 37 sowie eine Mikroprozessoreinheit 38.

[0019] Die USB-Schnittstellensteuereinheit 31 ist mit einem Ende elektrisch mit einer USB-Schnittstellenbuchse 32 verbunden, um das Einstecken der USB-Einrichtung 2 zu erleichtern zur Durchführung von Datenübertragung von Diagrammdaten, Filmen, geschriebenen Daten, Liedern und ähnlichem oder für eine Leistungseingabe. Für diesen Fall wird der Chip M5271 mit dem Code M5271, A0, 0214 TS05, XK6035770BTA der lokalen Gesellschaft Ali übernommen.

[0020] Die CD/VCD-Eingabe- und Bearbeitungseinheit 33 könnte ein CD/VCD-Lese-/Schreibkopf sein zum Lesen der Daten auf einer CD/VCD mit Diagrammdaten, Filmen, geschriebenen Daten oder Liedern.

[0021] Die CD/VCD-Steuereinheit 34 könnte ein DVD-Player-Chipset oder ein CD-R/RW-Chipset-24/12/48 CD-R/RW-Chipset sein, welche elektrisch angeschlossen ist an die CD/VCD-Eingabe- und Bearbeitungseinheit 33 oder ein steuernder Lesevorgang des letzteren. In diesem Fall wird der Chip M5705A1, 0130 TH05, XHAQ96000NOE von Ali übernommen.

[0022] Die Schalttafelsteuereinheit 35 umfaßt eine Mehrzahl von Druckknöpfen, damit der Benutzer Befehle eingeben kann zur Änderung des Betriebsmodus.

[0023] Die Tonausgabeeinheit 36 kann ein Lautsprecher sein, um Musik oder Warngeräusche abzuspielen.

[0024] Die Anzeigeeinheit 37 kann eine Flüssigkristallanzeige sein zur Darstellung von Daten des gegenwärtigen Betriebes.

[0025] Die Mikroprozessoreinheit 38 könnte ein 32-Bit-Mikroprozessor sein, der angeschlossen ist an die USB-Schnittstellensteuereinheit 31, die CD/VCD-Steuereinheit 34, die Schalttafelsteuereinheit 35, die Tonausgabeeinheit 36 bzw. die Anzeigeeinheit 37 zur Steuerung der unterschiedlichen Vorgänge. In diesem Fall wird ein Mikroprozessorchip arm920T mit kodiertem Verlängerungsrahmenwerk von Arm Co. übernommen.

[0026] Zusammenfassend ist eine USB-schnittstellenangeschlossene Fahrzeug-Fonografieeinrichtung an einem Ende mit einer Öffnung versehen, zum Einstecken einer USB-Schnittstellenbuchse, während außerdem eine Schaltungsplatine in dem Gehäuse des Hauptkörpers angeordnet ist. Die Schaltungsplatine besitzt eine USB-Schnittstellensteuereinheit, deren eines Ende angeschlossen ist an die USB-Schnittstellenbuchse, so dass eine Datenübertragung oder Leistungssicherung möglich ist, nachdem eine USB-Einrichtung in die Buchse eingesteckt worden ist.

[0027] Es soll an dieser Stelle noch einmal ausdrücklich angegeben werden, dass es sich bei der vorangehenden Beschreibung lediglich um eine solche beispielhaften Charakters handelt und dass verschiedene Abänderungen und Modifikationen möglich sind, ohne dabei den Rahmen der Erfindung, wie er durch die angeschlossenen Ansprüche gesteckt ist, zu verlassen.

9879/III/fe

Schutzansprüche

1. USB-schnittstellenangeschlossene Fahrzeug-Fonografieeinrichtung, gekennzeichnet durch
einen Hauptkörper (1) mit mindestens zwei Endöffnungen (10), von denen eine eine USB-Schnittstellenbuchse (100) aufnimmt, die in dem Gehäuse des Hauptkörpers (1) angeordnet ist, in welchem sich eine Schaltungsplatine befindet, sowie
eine USB-Schnittstellensteuereinheit (31), deren eines Ende elektrisch an geschlossen ist an die USB-Schnittstellenbuchse (100) zur selektiven Steuerung einer eingesteckten USB-Einrichtung (2) zur Übertragung von Diagrammdaten, Filmen, geschriebenen Daten und zur selektiven Übernahme von Leistung.

2. Fahrzeug-Fonografieeinrichtung gemäß Anspruch 1, dadurch gekennzeichnet, dass die USB-Einrichtung (2) ein tragbares Abspielgerät ist.

3. Fahrzeug-Fonografieeinrichtung gemäß Anspruch 1, dadurch gekennzeichnet, dass die USB-Einrichtung (2) ein vernetztes Telefon ist.

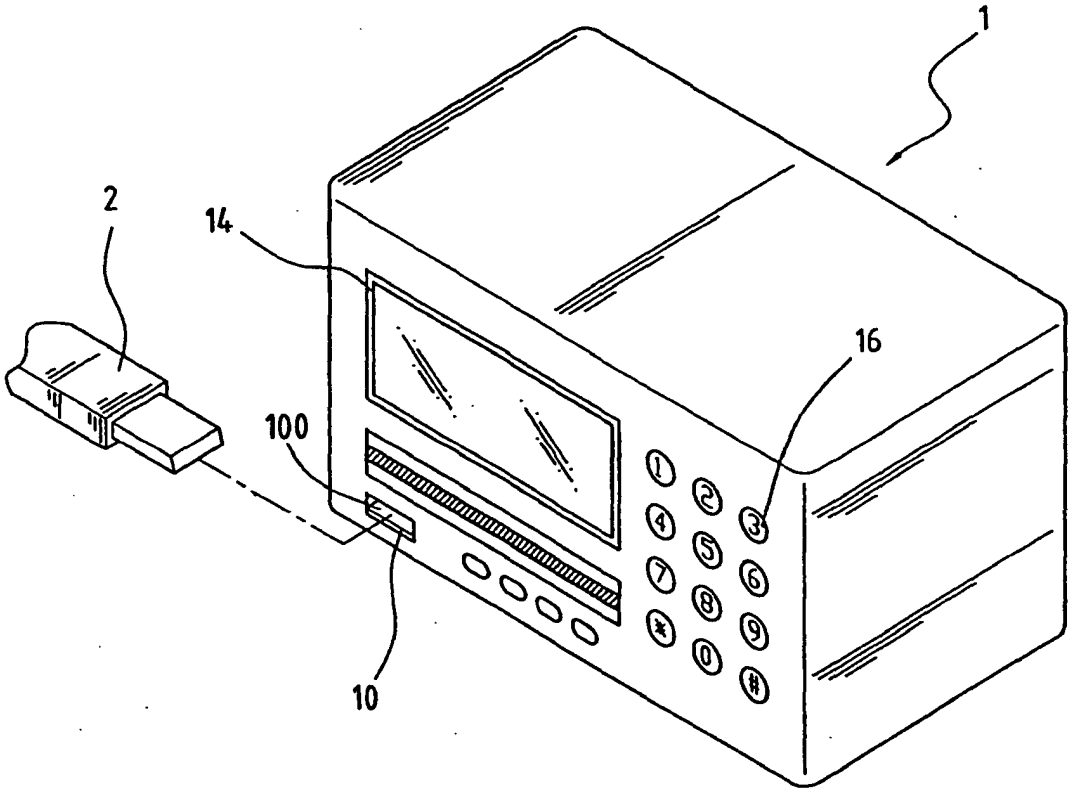


FIG. 1

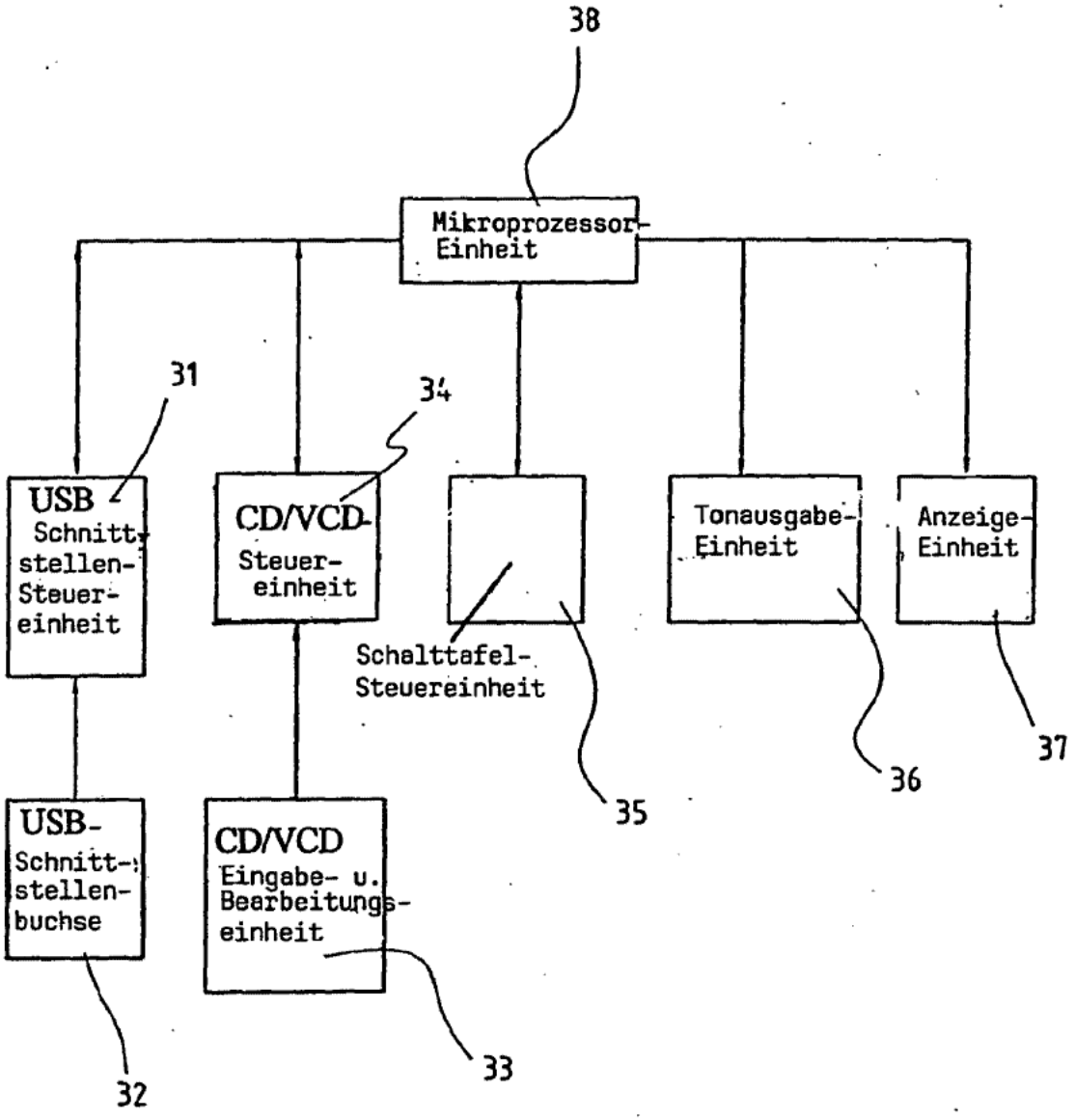

38
Mikroprozessor-Einheit
31
34
USB Schnittstellen-Steuereinheit
CD/VCD-Steuereinheit
Schalttafel-Steuereinheit
Tonausgabe-Einheit
Anzeige-Einheit
USB-Schnittstellenbuchse
CD/VCD Eingabe- u. Bearbeitungseinheit
32
33
35
36
37

FIG. 2

15866 U.S. PTO 060804

PTO/SB/05 (01-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	488-194
First Inventor	James Mazur
Title	Phonographic Turntable...
Express Mail Label No.	ER 914253769 US

17510 U.S. PTO 10/862942 060804

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☑ Fee Transmittal Form (e.g., PTO/SB/17) *(Submit an original and a duplicate for fee processing)*
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☑ Specification [*Total Pages* 6] *(preferred arrangement set forth below)*
   - Descriptive title of the invention
   - Cross Reference to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table, or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure
4. ☑ Drawing(s) (*35 U.S.C. 113*) [*Total Sheets* 1]
5. Oath or Declaration [*Total Sheets* 3]
   a. ☑ Newly executed (original or copy)
   b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 18 completed)*
      i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
   a. ☐ Computer Readable Form (CRF)
   b. Specification Sequence Listing on:
      i. ☐ CD-ROM or CD-R (2 copies); or
      ii. ☐ Paper
   c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☑ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)* ☐ Power of Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☑ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:*

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: .....

Prior application information: *Examiner* _____ *Art Unit:* _____

For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☑ Customer Number: 29540 *OR* ☑ Correspondence address below

Name	Gerald Levy				
Address	Pitney Hardin LLP				
	7 Times Square				
City	New York	*State*	NY	*Zip Code*	10036-7311
Country	U.S.A.	*Telephone*	212-297-5800	*Fax*	212-682-3485

Name (Print/Type)	GERALD LEVY	*Registration No. (Attorney/Agent)*	24,419
Signature		*Date*	June 8, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

15866 U.S. PTO 060804

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 425

Complete if Known	
Application Number	
Filing Date	herewith
First Named Inventor	James Mazur
Examiner Name	
Art Unit	
Attorney Docket No.	488-194

METHOD OF PAYMENT *(check all that apply)*

☑ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number: 50-1145

Deposit Account Name: PITNEY HARDIN

The Director is authorized to: *(check all that apply)*

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☐ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 425

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below	Fee Paid
Total Claims 5	-20** =		X	=
Independent Claims 1	- 3** = 1		X	=
Multiple Dependent				=

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($)

***or number previously paid, if greater; For Reissues, see above*

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) 40

SUBMITTED BY				(Complete *(if applicable)*)	
Name (Print/Type)	Gerald Levy	*Registration No. (Attorney/Agent)*	24,419	*Telephone*	212-297-5800
Signature				*Date*	June 8, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

488-194

PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to a phonographic turntable which includes a built-in audio conversion device, which is typically to USB, firewire, or other computer digital communication protocol, inside the turntable.

Description of the Prior Art

The standard phonographic turntable, as an analog device, is diminishing in commercial popularity due to the ever increasing capabilities of digital music equipment. Digital music equipment has many advantages in that it can be either connected directly to a home computer or can play music through a common storage device (such as a compact disk). However, the standard phonographic turntable is still embedded within the popular music culture, at least for the reason that many people still own vinyl LPs which may be difficult or even impossible to replace with compact disks. Similarly, the standard phonographic turntable is embedded within the disk jockey culture at dance clubs and similar institutions.

Some applications have connected the line level output of a turntable (or the output of a phono pre-amp which has received the audio output from the phono cartridge) to the analog input of a computer sound card. Other applications have used an external audio conversion device between the turntable and the soundcard.

EV914253769US

In addition, there are currently several devices that allow the phonographic turntable to act as a control device, similar to a computer mouse, to modulate or apply some effect (such as "scratching") to audio playing within the computer.

The SPDIF (Sony/Phillips Digital Interface) has been built into some turntables in order to provide a digital output. However, this is not a standard protocol such as USB (universal serial bus) or firewire (IEEE 1394).

OBJECTS AND SUMMARY OF THE INVENTION

It is therefore an object of this invention to provide a turntable which includes digital output in a standard protocol, such as USB or firewire.

It is therefore a further object of the present invention to provide a turntable which eliminates the need for external audio conversion devices.

It is therefore a further object of the present invention to provide a turntable which maintains the familiar feel of a standard turntable to a disk jockey or similar operator.

These and other objects are attained by providing a turntable with such conventional features as a revolving platter, a pivoting tonearm and an analog phono cartridge and further providing an audio conversion device to USB, firewire or other standard computer digital communication protocol internally within the turntable. Therefore, a standard digital output is generated for simple connection to a computer or other digital equipment.

DESCRIPTION OF THE DRAWINGS

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

Figure 1 is a schematic of the USB version of the present invention.

Figure 2 is a schematic of the firewire version of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring now to the drawings in detail wherein like numerals refer to like elements throughout the several views, one sees that Figure 1 is a schematic of the turntable 10 of the present invention, in the USB configuration. Turntable 10 includes a rotatable platter 12 (shown in phantom), a pivotable or similar traveling tonearm 14 supporting a phono cartridge 16 at its distal end, typically by way of a conventional attachment between tonearm 14 and phono cartridge 16. The phono cartridge 16 engages a conventional LP record rotating on platter 12. The phono cartridge generates a conventional analog electrical signal, representative of the audio recording on the LP record. The conventional analog electrical signal is received by the analog to digital converter (ADC) 18. The output of the analog to digital converter 18 is digital and is received by the USB controller 20. Both the analog to digital converter 18 and the USB controller 20 are within the turntable 10. This results in a USB signal being generated from the turntable 10 from a USB jack 22 which is on the cabinet of the turntable 10. This USB signal from USB jack 22 can be fed directly to an external computer 100 (or similar digital processing equipment) so that the digital signal, typically a digital audio signal, can be processed by the computer 100.

Figure 2 is a schematic of turntable 10 of the present invention, in the firewire configuration. Turntable 10 includes a rotatable platter 12 (shown in phantom), a pivotable or similar traveling tonearm 14 supporting a phono cartridge 16 at its distal end, typically by way of a conventional attachment between tonearm 14 and phono cartridge 16. The phono cartridge 16 engages a conventional LP record rotating on platter 12, substantially identical to that shown in Figure 1. The phono cartridge generates a conventional analog electrical signal, representative of the audio recording on the LP record. The conventional analog electrical signal is received by the analog to digital converter (ADC) 18. The output of the analog to digital converter 18 is digital and is received by the firewire controller (link layer) 26. The output of the firewire controller (link layer) 18 is received by physical (PHY) layer 28. The analog to digital converter 16, the firewire controller (link layer) 26 and the physical (PHY) layer 28 are all contained within the turntable 10. This results in a USB signal being generated from the turntable 10 from a firewire jack (IEEE-1394) 30 which is on the cabinet of the turntable 10. This firewire signal from firewire jack 30 can be fed directly to an external computer 100 (or similar digital processing equipment) so that the digital signal, typically a digital audio signal, can be processed by the computer 100.

Thus the several aforementioned objects and advantages are most effectively attained. Although preferred embodiments of the invention have been disclosed and described in detail herein, it should be understood that this invention is in no sense limited thereby and its scope is to be determined by that of the appended claims.

CLAIMS

What is Claimed is:

1. A turntable including:

a rotatable platter;

a tonearm for receiving a phono cartridge;

an analog to digital converter for receiving a signal from the phono cartridge; and

a controller for generating an output digital signal from an output of said analog to digital converter;

wherein said analog to digital converted and said controller are included within said turntable.

2. The turntable of Claim 1 wherein said output digital signal is a standard computer protocol.

3. The turntable of Claim 1 wherein said output digital signal uses universal serial bus (USB) protocol.

4. The turntable of Claim 1 wherein said output digital signal uses firewire (IEEE-1394) protocol.

5. The turntable of Claim 2 wherein said turntable further includes a jack for outputting said output digital signal.

ABSTRACT OF THE DISCLOSURE

The present invention is a turntable which includes an internal analog to digital converter and a controller for a standard digital format. This allows a jack for a standard digital format to be incorporated into the turntable, so that digital signals are generated to be received by the soundcard of an external computer or similar piece of digital equipment.

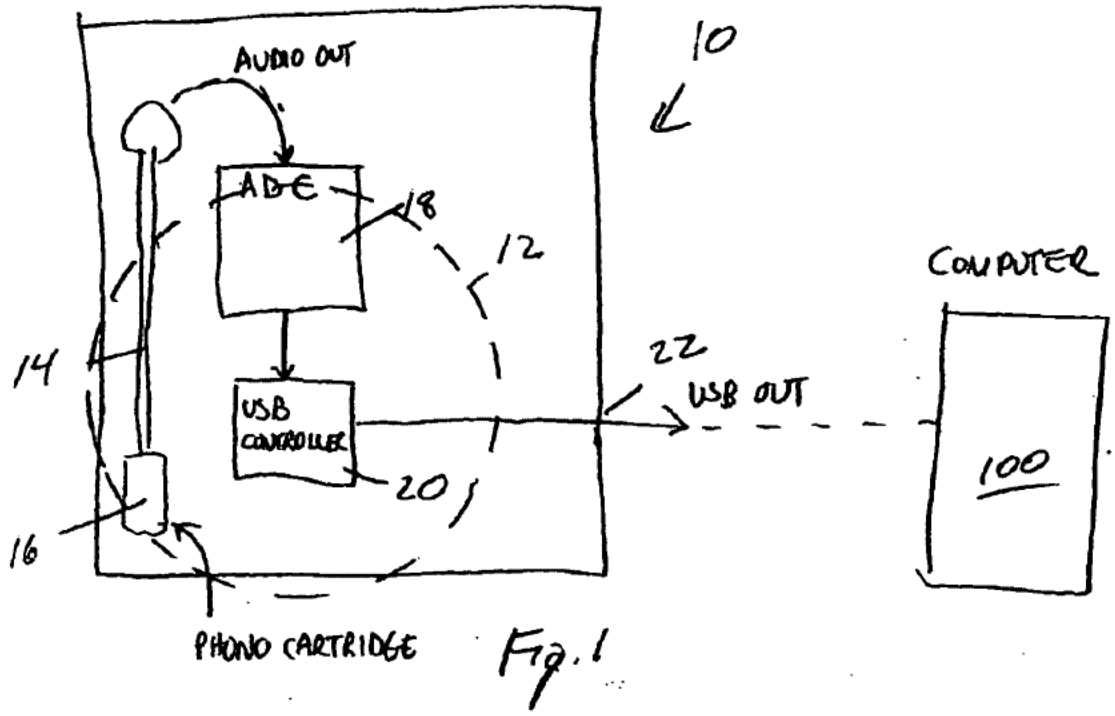

10
AUDIO OUT
ADC
18
12
14
USB CONTROLLER
20
22
USB OUT
COMPUTER
100
16
PHONO CARTRIDGE

Fig. 1

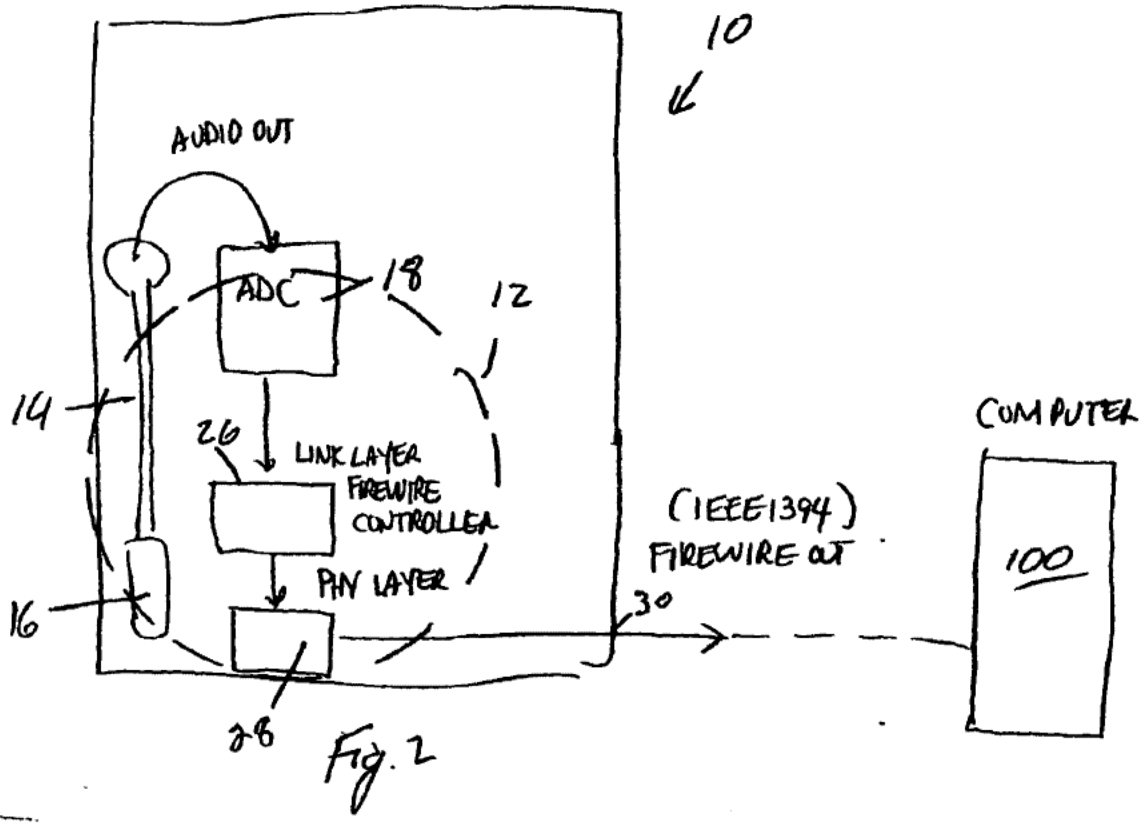

10
AUDIO OUT
ADC
18
12
14
26
LINK LAYER
FIREWIRE CONTROLLER
PHY LAYER
(IEEE1394)
FIREWIRE OUT
30
COMPUTER
100
16
28

Fig. 2

Docket No.: 488-194

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor(s), I (We) hereby declare that:
My (Our) residence, post office address and citizenship are as stated below next to my (our) name(s). I (We) believe I (we) am (are) the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
PHONOGRAPHIC TURNTABLE WITH BUILT-IN AUDIO TO USB OR FIREWIRE DEVICE

the specification of which (check one):

- ☐ is attached
- ☐ was filed on _____ as Serial Number _____
  and was amended on _____ (if applicable)

I (We) hereby state that I (we) have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I (We) acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)			
Number	**Country**	**Date Filed**	**Priority Claimed**

I (We) hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Docket No.: 488-194

Application No.	Filing Date	Patented, Pending, Abandoned

I (We) hereby declare that all statements made herein of my (our) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I (We) hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Gerald Levy	**Registration No. 24,419**
Ronald E. Brown	**Registration No. 32,200**
John Gulbin	**Registration No. 33,180**
Lindsay S. Adams	**Registration No. 36,425**
Bridget A. Cooney	**Registration No. 54,681**

***I (We) further authorize my (our) attorney to insert the proper serial number and filing date awarded to my (our) application on this document, above my (our) signature(s).**

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Pitney Hardin LLP
7 Times Square
New York, New York 10036-7311

Direct Telephone Calls to: **Gerald Levy**
(212) 297-5800 **fax: (212) 682-3485**

Customer No: **29540**

FULL NAME OF SOLE OR FIRST INVENTOR James MAZUR	CITIZENSHIP US
INVENTOR'S SIGNATURE [signature]	DATE 05-29-04
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POST OFFICE ADDRESS 1050 SW 9th Street, Ft. Lauderdale, FL 33315	

FULL NAME OF SECOND JOINT INVENTOR Alan FLUM	CITIZENSHIP USA
INVENTOR'S SIGNATURE	DATE 5/26/04
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POST OFFICE ADDRESS 7251 Solandra Lane, Tamarac, FL 33321	

FULL NAME OF THIRD JOINT INVENTOR Erik THEMMEN	CITIZENSHIP USA
INVENTOR'S SIGNATURE	DATE 5.07.2004
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POST OFFICE ADDRESS 511 Gardens Drive #203, Pompano Beach, FL 33069	

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INVENTOR'S SIGNATURE	DATE 6/1/04
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POST OFFICE ADDRESS 212 So. 57th Terrace, Hollywood, FL 33023	

FULL NAME OF FIFTH JOINT INVENTOR Darrin YOUNG	CITIZENSHIP USA
INVENTOR'S SIGNATURE	DATE 6-03-04
RESIDENCE 1108 N.E. 15th Ave. #5, Ft. Lauderdale, FL 33304	
POST OFFICE ADDRESS 1108 N.E. 15th Ave. #5, Ft. Lauderdale, FL 33304	

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

Application or Docket Number: 10862942

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	5	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	5 minus 20=	*
INDEPENDENT CLAIMS	1 minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT		☐

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
BASIC FEE	385.00	OR	BASIC FEE	770.00
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL	385	OR	TOTAL	

CLAIMS AS AMENDED - PART II

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

06/10/2004 HMARZI1 00000069 10862942
01 FC:2001 385.00 OP

PTO-1556
(5/87)

*U.S. Government Printing Office: 2002 — 489-267/69033