PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bartley K. ANDRE	12/19/2008
Daniel J. COSTER	12/17/2008
Daniele DE IULIIS	12/18/2008
Richard P. HOWARTH	12/18/2008
Jonathan P. IVE	12/19/2008
Duncan Robert KERR	12/17/2008
Shin NISHIBORI	12/17/2008
Matthew Dean ROHRBACH	12/18/2008
Peter RUSSELL-CLARKE	12/18/2008
Douglas B. SATZGER	12/01/2008
Christopher J. STRINGER	12/17/2008
Eugene Antony WHANG	12/17/2008
Rico ZORKENDORFER	12/17/2008

RECEIVING PARTY DATA

Name:	Apple Inc.
Street Address:	1 Infinite Loop
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29324132

CORRESPONDENCE DATA

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PATENT REEL: 022122 FRAME: 0447

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Correspondent Name: Sterne, Kessler, Goldstein & Fox PLLC

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ATTORNEY DOCKET NUMBER: 2607.1750000(P6381US1)

NAME OF SUBMITTER: Tracy-Gene G. Durkin #32,831

Total Attachments: 6

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> PATENT REEL: 022122 FRAME: 0448

ASSIGNMENT

For good and valuable consideration paid to each of the undersigned inventors: Bartley K. ANDRE, Daniel J. COSTER, Daniele DE IULIIS, Richard P. HOWARTH, Jonathan P. IVE, Duncan Robert KERR, Shin NISHIBORI, Matthew Dean ROHRBACH, Peter RUSSELL-CLARKE, Douglas B. SATZGER, Christopher J. STRINGER, Eugene Antony WHANG and Rico ZORKENDORFER, hereby sell and assign to Apple Inc., a corporation formed under the laws of California, whose mailing address is 1 Infinite Loop, Cupertino, California 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as **Earphone** for which application(s) for patent in the United States of America has a filing date or a 371(c) date of September 5, 2008 (also known as United States Application No. 29/324,132), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

PATENT REEL: 022122 FRAME: 0449 The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with CUSTOMER NUMBER 63975 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, opposite his/her name.	executed by the undersigned inventors on the date
Date: 12-19-08	Signature of Inventor: Bartley K. ANDRE
Date: 12.17.08	Signature of Inventor: Daniel J. COSTER,
Date: 12 /8 08	Signature of Inventor: Daniele DE IULIIS
Date: 1218-05	Signature of Inventor: Richard P. HOWARTH
Date: 12 -19-08	Signature of Inventor: Jonathan P. IVE
Date: 12/17/2008	Signature of Inventor: Duncan Robert KERR
Date: 12.17.08	Signature of Inventor: Shin NISHIBORI
Date: 12.18.08	Signature of Inventor: Matthew Dean ROHRBACH
Date: 12-18-08	Signature of Inventor: Market M. Peter RUSSELL-CLARKE

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Sterne, Kessler, Goldstein & Fox P.L.L.C. Appl. No. 29/324,132 Atty. Docket No. 2607.1750000(P6381US1)

Date:	Signature of Inventor:
	Douglas B.,SATZGER
Date: 12-17-08	Signature of Inventor: Christopher J. STRINGER
Date: 12.17.08	Signature of Inventor:
	Eugene Antony WHANG
Date: 17/17/68	Signature of Inventor:
	Rico ZORKENDORFÉR
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Bartley K. ANDRE, Daniel J. COSTER, Daniele DE IULIIS, Richard P. HOWARTH, Jonathan P. IVE, Duncan Robert KERR, Shin NISHIBORI, Matthew Dean ROHRBACH, Peter RUSSELL-CLARKE, Douglas B. SATZGER, Christopher J. STRINGER, Eugene Antony WHANG and Rico ZORKENDORFER, hereby sell and assign to Apple Inc., a corporation formed under the laws of California, whose mailing address is 1 Infinite Loop, Cupertino, California 95014 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as **Earphone** for which application(s) for patent in the United States of America has a filing date or a 371(c) date of September 5, 2008 (also known as United States Application No. 29/324,132), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

PATENT REEL: 022122 FRAME: 0452 The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with CUSTOMER NUMBER 63975 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date:	Signature of Inventor:	
	_	Bartley K. ANDRE
Date:	Signature of Inventor:	
		Daniel J. COSTER
Date:	Signature of Inventor:	
		Daniele DE IULIIS
Date:	Signature of Inventor:	Richard P. HOWARTH
		Richard P. HOWARTH
Date:	Signature of Inventor:	
		Jonathan P. IVE
Date:	Signature of Inventor: _	
		Duncan Robert KERR
Date:	Signature of Inventor: _	C1' NICHTEODI
		Shin NISHIBORI
Date:	Signature of Inventor: _	
		Matthew Dean ROHRBACH
Date:	Signature of Inventor: _	D. A. DITGGETT GT A DITE
		Peter RUSSELL-CLARKE

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Date: 12.01.08	C	
Date: $\int \mathcal{L}^* \mathcal{O}[*\mathcal{O}\mathcal{D}]$	Signature of Inventor:	Douglas B. SATZGER
Date:	Signature of Inventor:	
		Christopher J. STRINGER
Date:	Signature of Inventor:	
		Eugene Antony WHANG
Date:	Signature of Inventor:	
		Rico ZORKENDORFER
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