

09-23-1998



100836014

Practitioner's Docket No. 3897

RECEIVED

1998 SEP 21 PM 12: 15

OPR/FINANCE PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments
Commissioner of Patents and Trademarks
Washington, D.C. 20231

9-21-98

RESUBMISSION OF ASSIGNMENT (DOCUMENT) PAPERS
REFUSED FOR RECORDAL (37 C.F.R. § 3.51)

NOTE: "The date of recording of a document is the date the document meeting the requirements for recording set forth in this part is filed in the Office. A document which does not comply with the identification requirements of § 3.21 will not be recorded. Documents not meeting the other requirements for recording, for example, a document submitted without a completed cover sheet or without the required fee, will be returned for correction to the sender where a correspondence address is available. The returned papers, stamped with the original date of receipt by the Office, will be accompanied by a letter which will indicate that if the returned papers are corrected and resubmitted to the Office within the time specified in the letter, the Office will consider the original date of filing of the papers as the date of recording of the document. The procedure set forth in § 1.8 or § 1.10 of this chapter may be used for resubmissions of returned papers to have the benefit of the date of deposit in the United States Postal Service. If the returned papers are not corrected and resubmitted within the specified period, the date of filing of the corrected papers will be considered to be the date of recording of the document. The specified period to resubmit the returned papers will not be extended." 37 C.F.R. § 3.51.

". . . If a document to be recorded is not accompanied by a completed cover sheet, the document and any incomplete cover sheet will be returned pursuant to § 3.51 for proper completion of a cover sheet and resubmission of the document and a completed cover sheet." 37 C.F.R. § 3.28.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

FACSIMILE

transmitted by facsimile to the Patent and Trademark Office.

Date: 9/17/98

Handwritten signature of Marsha A. Corwin

Signature

Marsha A. Corwin

(type or print name of person certifying)

(Resubmission of Assignment Papers Refusal for Recordal [16-7]—page 1 of 2)

1. The PTO has sent a letter to the applicant stating that the papers previously submitted do not comply with § 3.21 and were not recorded.

A copy of the PTO letter is attached.

2. The term for resubmission of the papers set in the PTO letter expires on 9/19/98
Date

NOTE: See 37 C.F.R. § 3.51.

3. Applicant resubmits the papers refused recordal:

(check the appropriate box(es) below)

with the necessary corrections and/or omissions entered on the papers.

with new appropriate papers added.

4. Recordal is now respectfully requested.

Reg. No.: 20,386

Tel. No.: (650) 367-3336

Customer No.:


SIGNATURE OF PRACTITIONER

John G. Mesaros

(type or print name of practitioner)

500 Broadway, M/S 4101

P.O. Address

Redwood City, CA 94063

(Resubmission of Assignment Papers Refusal for Recordal [16-7]—page 2 of 2)

NOTE: 37 C.F.R. § 3.21 states: "If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended."

NAME OF PARTY(IES) CONVEYING INTEREST (37 CFR 3.31(a)(1))

2. The party(ies) conveying this interest is (are):

Name 1: James W. Jones
Name 2: _____
Name 3: _____

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST

(37 CFR 3.31(a)(2))

3. The rights are being conveyed to:

Name: Ampex Corporation
Address: 500 Broadway
Mail Stop 4101
Redwood City, CA 94063
Telephone No.: (650) 367-3336

DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED (37 CFR 3.31(a)(3))

4. The accompanying document intends to accomplish:

- an assignment.
- a security agreement.
- a license.
- a merger.
- a change of name.
- a change of address.
- other.

NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE SHOULD BE MAILED (37 CFR 3.31(a)(5))

5. Please address correspondence to:

Name: John G. Mesaros, Patent Counsel & Ass't. Sec'y.
Address: Ampex Corporation
500 Broadway, M/S 4101
Redwood City, CA 94063

Telephone No.: (650) 367-3336

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 2 of 4)

**STATEMENT (37 CFR 3.31(a)(9))
AND SIGNATURE (37 CFR 3.31(a)(10))**

10. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: September 17, 1998

Name of party submitting document

Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

Reg. No. 20,386

John G. Mesaros
Signature of Practitioner

Tel. No. (650) 367-3336

John G. Mesaros

(type or print name of practitioner)

Customer No.

500 Broadway, M/S 4101

P.O. Address

Redwood City, CA 94063

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are:

Twenty (20)

Total number of pages submitted

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 4 of 4)

MRD 6-8-98

Duplicate

~~06-15-1998~~



Attorney's Docket No. 3897

PATENT

100739049

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

jc518 U.S. PTO
09/093117
06/08/98

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of
Inventor(s): James W. Jones

WARNING: Patent must be applied for in the name(s) of all of the actual inventor(s). 37 CFR 1.41(a) and 1.53(b).

For (title): An Electronic Record/Play Switch With Low Noise
Low Input Impedance Preamplifier

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date June 8, 1998, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EI918059496US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Marsha A. Corwin

(type or print name of person mailing paper)

Marsha A. Corwin

Signature of person mailing paper

NOTE: Each paper or fee referred to as enclosed herein has the number of the "Express Mail" mailing label placed thereon. 37 CFR 1.10(b).

06/12/1998 STAFF
02 FC:581

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 CFR 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

(Application Transmittal [4-1]—page 1 of 9)

1. Type of Application

This new application is for a(n)

(check one applicable item below)

- Original (nonprovisional)
- Design
- Plant

WARNING: Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. 371(c)(4), unless the International Application is being filed as a divisional, continuation or continuation-in-part application.

WARNING: Do not use this transmittal for the filing of a provisional application.

NOTE: If one of the following 3 items apply, then complete and attach **ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED** and a **NOTIFICATION IN PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION**.

- Divisional.
- Continuation.
- Continuation-in-part (C-I-P).

2. Benefit of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121)

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach **ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED**.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

WARNING: When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application **must** be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

- The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are **ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED**.

3. Papers Enclosed That Are Required for Filing Date under 37 CFR 1.53(b) (Regular) or 37 CFR 1.153 (Design) Application

 11 Pages of specification

 4 Pages of claims

 1 Pages of Abstract

 6 Sheets of drawing

- formal
- informal

(Application Transmittal [4-1]—page 2 of 9)

WARNING: DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. Comments on proposed new 37 CFR 1.84. Notice of March 9, 1988 (1990 O.G. 57-62).

NOTE: "Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page." 37 C.F.R. 1.84(c).

(complete the following, if applicable)

- The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

4. Additional papers enclosed

- Preliminary Amendment
- Information Disclosure Statement (37 CFR 1.98)
- Form PTO-1449
- Citations
- Declaration of Biological Deposit
- Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- Authorization of Attorney(s) to Accept and Follow Instructions from Representative
- Special Comments
- Other

5. Declaration or oath

- Enclosed
Executed by

(check all applicable boxes)

- inventor(s).
- legal representative of inventor(s).
37 CFR 1.42 or 1.43.
- joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
- This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee.

- Not Enclosed.

WARNING: Where the filing is a completion in the U.S. of an International Application, but where a declaration is not available, or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.

(Application Transmittal [4-1]—page 3 of 9)

- Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all the above named inventor(s).

(The declaration or oath, along with the surcharge required by 37 CFR 1.16(e) can be filed subsequently).

NOTE: It is important that all the correct inventor(s) are named for filing under 37 CFR 1.41(c) and 1.53(b).

- Showing that the filing is authorized.
(not required unless called into question. 37 CFR 1.41(d))

6. Inventorship Statement

WARNING: *If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.*

The inventorship for all the claims in this application are:

- The same.

or

- Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
 is submitted.
 will be submitted.

7. Language

NOTE: *An application including a signed oath or declaration may be filed in a language other than English. A verified English translation of the non-English language application and the processing fee of \$130.00 required by 37 CFR 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 CFR 1.52(d).*

NOTE: *A non-English oath or declaration in the form provided or approved by the PTO need not be translated. 37 CFR 1.69(b).*

- English
 Non-English
 The attached translation is a verified translation. 37 CFR 1.52(d).

8. Assignment

- An assignment of the invention to Ampex Corporation

 is attached. A separate "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or FORM PTO 1595 is also attached.
 will follow.

NOTE: *"If an assignment is submitted with a new application, send two separate letters—one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).*

WARNING: *A newly executed "CERTIFICATE UNDER 37 CFR 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.*

(Application Transmittal [4-1]—page 4 of 9)

9. Certified Copy

Certified copy(ies) of application(s)

country	appln. no.	filed
country	appln. no.	filed
country	appln. no.	filed

from which priority is claimed

- is (are) attached.
- will follow.

NOTE: The foreign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 CFR 1.55(a) and 1.63.

NOTE: This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

10. Fee Calculation (37 CFR 1.16)

A. Regular application

CLAIMS AS FILED			
Number filed	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$750.00
Total Claims (37 CFR 1.16(c)) 15 - 20 =	0	×	\$ 22.00
Independent Claims (37 CFR 1.16(b)) 3 - 3 =	0	×	\$ 78.00
Multiple dependent claim(s), if any (37 CFR 1.16(d))	0	+	\$250.00
			0

- Amendment cancelling extra claims enclosed.
- Amendment deleting multiple-dependencies enclosed.
- Fee for extra claims is not being paid at this time.

NOTE: If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency. 37 CFR 1.16(d).

Filing Fee Calculation \$ 750.00

B. Design application
(\$310.00—37 CFR 1.16(f))

Filing Fee Calculation \$ _____

C. Plant application
(\$510.00—37 CFR 1.16(g))

Filing fee calculation \$ _____

11. Small Entity Statement(s)

Verified Statement(s) that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is (are) attached.

WARNING: "Status as a small entity in one application or patent does not affect any other application or patent, including applications or patents which are directly or indirectly dependent upon the application or patent in which the status has been established. A nonprovisional application claiming benefit under 35 U.S.C. 119(e), 120, 121 or 365(c) of a prior application may rely on a verified statement filed in the prior application if the nonprovisional application includes a reference to a verified statement in the prior application or includes a copy of the verified statement filed in the prior application if status as a small entity is still proper and desired." 37 C.F.R. § 1.28(a).

(complete the following, if applicable)

Status as a small entity was claimed in prior application
_____ / _____, filed on _____, from which benefit
is being claimed for this application under:

35 U.S.C. 119(e),
 120,
 121,
 365(c),

and which status as a small entity is still proper and desired.

A copy of the verified statement in the prior application is included.

Filing Fee Calculation (50% of A, B or C above) \$ _____

NOTE: Any excess of the full fee paid will be refunded if a verified statement and a refund request are filed within 2 months of the date of timely payment of a full fee. The two-month period is not extendable under § 1.136. 37 CFR 1.28(a).

12. Request for International-Type Search (37 CFR 1.104(d))

(complete, if applicable)

Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

(Application Transmittal [4-1]—page 6 of 9)

13. Fee Payment Being Made at This Time

Not Enclosed

No filing fee is to be paid at this time.

(This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.)

Enclosed

Basic filing fee \$ 750.00

Recording assignment (\$40.00; 37 CFR 1.21(h))
(See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".) \$ 40.00

Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached. (\$130.00; 37 CFR 1.47 and 1.17(h)) \$ _____

For processing an application with a specification in a non-English language. (\$130.00; 37 CFR 1.52(d) and 1.17(k)) \$ _____

Processing and retention fee (\$130.00; 37 CFR 1.53(d) and 1.21(l)) \$ _____

Fee for international-type search report (\$40.00; 37 CFR 1.21(e)) \$ _____

NOTE: 37 CFR 1.21(l) establishes a fee for processing and retaining any application that is abandoned for failing to complete the application pursuant to 37 CFR 1.53(d) and this, as well as the changes to 37 CFR 1.53 and 1.78, indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee must be paid, or the processing and retention fee of § 1.21(l) must be paid, within 1 year from notification under § 53(d).

Total fees enclosed \$ 790.00

14. Method of Payment of Fees

Check in the amount of \$ _____

Charge Account No. 01-1771 in the amount of \$ 790.00.

A duplicate of this transmittal is attached.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 CFR 1.22(b).

15. Authorization to Charge Additional Fees

WARNING: If no fees are to be paid on filing, the following items should not be completed.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 01-1771.

37 CFR 1.16(a), (f) or (g) (filing fees)

37 CFR 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 CFR 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

37 CFR 1.17 (application processing fees)

WARNING: While 37 CFR 1.17(a), (b), (c) and (d) deal with extensions of time under § 1.136(a), this authorization should be made only with the knowledge that: "Submission of the appropriate extension fee under 37 C.F.R. 1.136(a) is to no avail unless a request or petition for extension is filed." (Emphasis added). Notice of November 5, 1985 (1060 O.G. 27).

37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 CFR 1.311(b).

NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . . issue fee." From the wording of 37 CFR 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

16. Instructions as to Overpayment

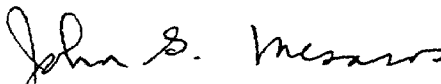
Credit Account No. 01-1771

Refund

Reg. No. 20,386

Tel. No. (650) 367-3336

Date: June 8, 1998



SIGNATURE OF ATTORNEY

John G. Mesaros

(type or print name of attorney)

500 Broadway, M. S. 4101

P.O. Address

Redwood City, CA 94063

(Application Transmittal [4-1]—page 8 of 9)

■ Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

- Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

Number of pages added _____

- Plus Added Pages for Papers Referred to in Item 4 Above

Number of pages added _____

- Plus "Assignment Cover Letter Accompanying New Application"

Number of pages added 10

- Statement Where No Further Pages Added**

(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item.)

- This transmittal ends with this page.

(Application Transmittal [4-1]—page 9 of 9)

ASSIGNMENT

I, James W. Jones, of Woodside, county of San Mateo, State of California, U.S.A., for a valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to AMPEX CORPORATION, a Delaware corporation, having its principal place of business at Redwood City, California, its successors, assigns and legal representatives, the full and exclusive right, title and interest in, to and under all subject matter invented by me and disclosed in the application for Letters Patent of the United States entitled:
An Electronic Record/Play Switch With Low Noise
Low Input Impedance Preampfier

signed by me on this date, and in and to and under all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter. I agree to sign all documents necessary to secure all said Letters Patent and rights, and request issuance of all said Letters Patent to the above Assignee in accordance with this Assignment.

June 8, 1998 James W Jones
Signature

ALL PURPOSE ACKNOWLEDGEMENT

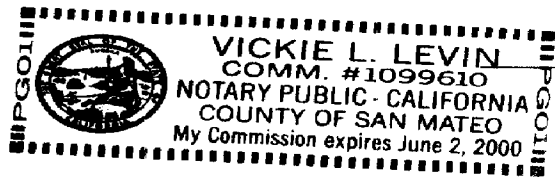
State of California)
County of San Mateo)

On 6-8-98 before me, Vickie L. Levin,
date Name, Notary Public

personally appeared James W. Jones,
name of signer(s)

personally known to me - or - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal.



Vickie Levin
Signature of Notary

ASSIGNMENT

I, James W. Jones, of Woodside, county of San Mateo, State of California, U.S.A., for a valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to AMPEX CORPORATION, a Delaware corporation, having its principal place of business at Redwood City, California, its successors, assigns and legal representatives, the full and exclusive right, title and interest in, to and under all subject matter invented by me and disclosed in the application for Letters Patent of the United States entitled: An Electronic Record/Play Switch With Low Noise Low Input Impedance Preamplifier

signed by me on this date, and in and to and under all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter. I agree to sign all documents necessary to secure all said Letters Patent and rights, and request issuance of all said Letters Patent to the above Assignee in accordance with this Assignment.

June 8, 19 98

Signature James W Jones

ALL PURPOSE ACKNOWLEDGEMENT

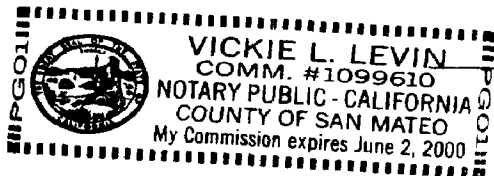
State of California)
County of San Mateo)

On 6-8-98 before me, Vickie L. Levin, Name, Notary Public

personally appeared James W. Jones, name of signer(s)

X personally known to me - or - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal.



Signature of Notary Vickie Levin

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

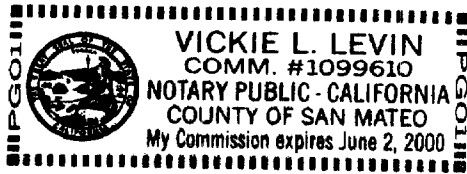
State of CALIFORNIA

County of SAN MATEO

On JUNE 8, 1998 before me, VICKIE L. LEVIN, NOTARY PUBLIC
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared JAMES W. JONES
Name(s) of Signer(s)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity~~(ies)~~, and that by his/~~her~~/their signature~~s~~ on the instrument the person~~s~~ or the entity upon behalf of which the person~~s~~ acted, executed the instrument.



WITNESS my hand and official seal.

Vickie L. Levin

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: 6-8-98 Number of Pages: 5

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer Is Representing:

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer Is Representing:

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

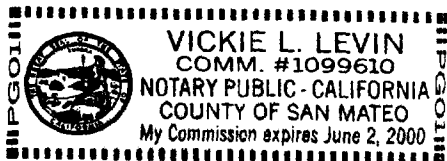
State of CALIFORNIA

County of SAN MATEO

On JUNE 8, 1998 before me, VICKIE L. LEVIN, NOTARY PUBLIC
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared JAMES W. JONES
Name(s) of Signer(s)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person~~s~~
whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, and that by his/~~her/their~~ signature~~s~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.



WITNESS my hand and official seal.

Vickie L. Levin

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: 6-8-98 Number of Pages: 5

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- Individual
- Corporate Officer
Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
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- Other: _____

RIGHT THUMBPRINT OF SIGNER

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Signer Is Representing:

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Title(s): _____
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- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer Is Representing:

Practitioner's Docket No. 3897

PATENT

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

**COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING
NEW PATENT APPLICATION (37 CFR 3.31)**

**IDENTIFICATION OF APPLICATION
(37 CFR 3.21 and 37 CFR 3.31(a)(4))**

1. The patent application provisional patent application filed herewith and, to which the attached assignment (document) refers, is identified as follows:

a. Type of application

- Application of patent (37 C.F.R. 1.53(b))
- Continued prosecution (nonprovisional) application (37 C.F.R. § 1.53(d))
- Provisional application (37 C.F.R. 1.53(c))
- International application (37 C.F.R. 1.431)

b. Date of execution: June 8, 1998

NOTE: Leave this blank if assignment is for a provisional application.

c. Name of each inventor:

- 1: James W. Jones
- 2:
- 3:

d. Title of invention: AN ELECTRONIC RECORD/PLAY SWITCH WITH LOW NOISE LOW

CERTIFICATION UNDER 37 C.F.R. 1.10* INPUT IMPEDANCE PREAMPLIFIER
(Express Mail label number is mandatory.)
(Express Mail certification is optional.)

I hereby certify that this "Cover Sheet For Assignment (Document) Accompanying New Patent Application," along with any document referred to, is being deposited with the United States Postal Service on this date _____, in an envelope as "Express Mail Post Office to Addressee," Mailing Label Number _____, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

(type or print name of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

WARNING: Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 1 of 4)


PATENT

REEL: 9459 FRAME: 0803

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 3.31(a)(7))

6. The attached assignment (document) was executed on June 8, 1998:
Date

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by an English translation signed by the individual making the translation." 37 CFR 3.26.

7. The attached document:

- is in the English language.
- is not in the English language. An English translation signed by the individual making the translation and statement as to its accuracy is attached.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8½ x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

8. Submitted herewith is:

- the original document.
- a true copy of the original document.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET AND THE FEE

NOTE: "All requests to record documents must be accompanied by the appropriate fee. Except as provided in paragraph (b) of this section, a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h). . . ." 37 C.F.R. § 3.41.

9. A. This cover sheet identifies only one application:

B. The fee for recordal (37 CFR 1.21(h)) is \$40.00.

- Attached is a check for \$40.00.
- Please charge Account 01-1771 \$40.00.

A duplicate of this cover sheet is attached.