

RECORDATION FORM COVER SHEET

PATENTS ONLY

HDP Docket No. 9319S-000667
Express Mail Label No: N/A

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Toru WATANABE
Makoto INOUCHIExecution Date(s) December 22, 2004 & January 5, 2005Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other _____

2. Name and address of receiving party(ies)

Name: Seiko Epson Corporation

Internal Address: _____

Street Address: 4-1 Nishi-shinjuku, 2-chomeCity: Shinjuku-kuState: TokyoCountry: Japan

Zip: _____

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

A. Patent Application No.(s)

10/944,693☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: G. Gregory SchivleyInternal Address: Harness, Dickey & Pierce, P.L.C.Street Address: P.O. Box 828City: Bloomfield HillsState: MI Zip: 48303Phone Number: 248-641-1600Fax Number: 248-641-0270Email Address: schivley@hdp.com6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 50-3213Authorized User Name Epson R&D

9. Signature :

Signature

January 7, 2005

Date

G. Gregory Schivley

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

Seiko Epson Ref.No.: J0108561US01

譲渡証 (Translation/日本語訳)

下記に署名した私/私達、

渡辺 徹、伊野口 誠 は、

ある発明を創出し、これについて合衆国特許出願は

- ☐ここに私/私達により署名され、
☐_____に私/私達により（それぞれ）署名され、
☒2004年9月17日に出願され、出願番号 10/944,693 が交
付され、
☐PCT 国際出願 _____として _____に出願され、

その発明は

インピーダンス回路、これを用いたフィルタ回路、増幅回路、半導
体集積回路、電子機器及び無線通信装置

という名称である。そして、ここにその受領を認める対価で；
私/私達は、当該発明/出願について、合衆国とその属領及び
全ての外国に於ける全面的かつ独占的な権利；合衆国とその属
領及び全ての外国に於いて発行される特許証に関わる全ての
権利、所有権、利益；一部継続出願、継続出願、分割出願、
差替え出願、再発行出願、特許期間延長等、合衆国とその属領
及び全ての外国に於いて既に出願されたか若しくは今後出願
される特許に関わる全ての権利；そして、国際条約、同盟、契
約、法令、協定（将来制定されるものを含む）に基づく全ての
優先権を伴う一切の権利；を、日本国東京都新宿区西新宿2丁
目4番1号に住所を有するセイコーエプソン株式会社、その後
継者、譲受人及び法定代理人に対して、売却、譲渡、移転する
ものとする。

さらに、私/私達は、セイコーエプソン株式会社（以下譲受人
と言う）が単独ないしは複数の当該発明（以下当該発明という）
に関わる特許権を、自己の名により、合衆国とその属領及び全
ての外国に於いて出願し、特許を受けること；またこの譲渡証
の意図と目的を誠実に実行することを求められた場合、下記に
署名した私/私達が、当該譲受人、その後継者、その被譲渡者、
及び法定代理人の費用負担にて、一部継続出願、継続出願、分
割出願、差替え出願、再発行出願、特許期間延長等を行い、合
法的宣誓書、譲渡証、委任状等の書類を作成し、あらゆる法的
または準法的訴訟手続に於いて証言を行うこと；当該発明とそ
の経緯に関連して、下記に署名した私/私達が知り得た全ての
事実を、当該譲受人、後継者、被譲渡者、及び法定代理人に透
絡すること；そして当該譲受人、後継者、被譲渡者、及び法定
代理人が、当該発明の特許権の適切な保護、維持、権利行使す
るために望ましいと考慮すること、また、当該発明に関わる特
許出願に際し、当該譲受人、後継者、被譲渡者、及び法定代
理人に対して法的権限を付与することが望ましいと考慮するこ
とについて、可能な限り行うことを承諾する。

Assignment

For good and valuable consideration, the receipt of which is
hereby acknowledged, I/WE, the undersigned,

Toru WATANABE, Makoto INOGUOHI

who have created a certain invention for which an application for
United States Letters Patent

- ☐executed by ME/US on even date herewith,
☐executed by ME/US on _____(respectively),
☒filed on September 17, 2004 and assigned Serial No.
10/944,693,
☐filed as International Application No. _____ filed on

and entitled:

IMPEDANCE CIRCUIT, AND FILTER CIRCUIT, AMPLIFIER CIRCUIT,
SEMICONDUCTOR INTEGRATED CIRCUIT, ELECTRONIC COMPONENT,
AND WIRELESS COMMUNICATIONS DEVICE USING THE SAME

Do hereby sell, assign and transfer to Seiko Epson Corporation,
a corporation of Japan, having a place of business at 4-1,
Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan, its
successors, assigns, and legal representatives, the full and
exclusive right to said invention and said application and to any
and all inventions described in said application for the United
States, its territorial possessions and all foreign countries, and the
entire right, title and interest in and to any and all Letters Patent
which may be granted therefor in the United States, its territorial
possessions and all foreign countries; and in and to any and all
continuations-in-part, continuations, divisions, substitutes,
reissues, extensions thereof, and all other applications for Letters
Patent relating thereto which have been or shall be filed in the
United States, its territorial possessions and/or any foreign
countries, and all rights, together with all priority rights, under any
of the international conventions, unions, agreements, acts, and
treaties, including all future conventions, unions, agreements, acts,
and treaties;

Agree that Seiko Epson Corporation, hereinafter referred to as
Assignee, may apply for and receive Letters Patent for said
invention and said inventions, hereinafter referred to as said
invention, in its own name, in the United States, its territorial
possessions, and all foreign countries; and that, when requested to
carry out in good faith the intent and purpose of this assignment,
at the expense of said Assignee, its successors, assigns and legal
representatives, the undersigned will execute all
continuations-in-part, continuations, divisions, substitutes,
reissues, extensions thereof, execute all rightful oaths,
assignments, powers of attorney and other papers, testify in any
legal or quasi legal proceedings; communicate to said Assignee, its
successors, assigns or legal representatives all facts known to the
undersigned relating to said invention and the history thereof, and
generally do everything possible which said Assignee, its
successors, assigns, or legal representatives shall consider
desirable for aiding in securing, maintaining and enforcing proper
patent protection for said invention and for vesting title to said
invention and all applications for patents on said invention in said
Assignee, its successors, assigns, or legal representatives; and

Seiko Epson Ref. No.: J0108561US01

そして、私/私達は、この書面により譲渡された権利や財産に影響する、如何なる譲渡、抵当権、ライセンス等その他の協定も他の第三者との間で行っていないこと；下記に署名した私/私達によって、この書面に記載されている権利が所有されていることを、当該譲受人、後継者、被譲渡者、及び法定代理人に対して誓約するものである。

さらに、下記に署名した私/私達はこの譲渡書は英語の部分の表現によってのみ解釈されることに同意する。

上記を証明するため、私/私達は下記日付で署名する。

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.

唯一または第一発明者名 渡辺 徹	Full name of sole or first inventor Toru WATANABE
発明者の署名 渡辺 徹	Inventor's signature Toru Watanabe
日付 2004.12.22	Date Dec 22th, 2004
第二共同発明者 (いる場合) 伊野口 誠	Full name of second joint inventor, if any Makoto INOBUCHI
第二共同発明者の署名 伊野口 誠	Second Inventor's signature Makoto Inobuchi
日付 2005年1月5日	Date Jan 5, 2005
第三共同発明者 (いる場合)	Full name of third joint inventor, if any
第三共同発明者の署名	Third Inventor's signature
日付	Date
第四共同発明者 (いる場合)	Full name of fourth joint inventor, if any
第四共同発明者の署名	Fourth Inventor's signature
日付	Date
第五共同発明者 (いる場合)	Full name of fifth joint inventor, if any
第五共同発明者の署名	Fifth Inventor's signature
日付	Date
第六共同発明者 (いる場合)	Full name of sixth joint inventor, if any
第六共同発明者の署名	Sixth Inventor's signature
日付	Date
第七共同発明者 (いる場合)	Full name of seventh joint inventor, if any
第七共同発明者の署名	Seventh Inventor's signature
日付	Date
第八共同発明者 (いる場合)	Full name of eighth joint inventor, if any
第八共同発明者の署名	Eighth Inventor's signature
日付	Date