

01-23-2001



Department of Commerce
Patent and Trademark Office
PATENT

101591430

PATENTS ONLY

Re: 1-16-01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)

Document ID #

Correction of PTO Error

Reel # Frame #

Corrective Document

Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date: Month Day Year

Name (line 2)

Second Party

Name (line 1) Execution Date: Month Day Year

Name (line 2)

Receiving Party

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

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Address (line 2)

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number

248-641-1600

Name G. Gregory Schivley

Address (line 1) Harness, Dickey & Pierce, P.L.C.

Address (line 2) P.O. Box 828

Address (line 3) Bloomfield Hills, MI 48303

Address (line 4)

Pages

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

2

Application Number(s) or Patent Number(s)

Mark if additional numbers attached.

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

Patent Application Number(s)

Patent Number(s)

09/532,352

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

Month Day Year

Patent Cooperation Treaty (PCT)

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

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed

Deposit Account

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

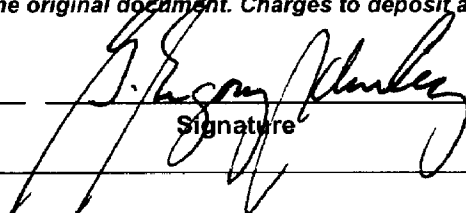
No

Statement and Signature

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

G. Gregory Schivley

Name of Person Signing



Signature

January, 2001

Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year
07 19 2000

Name (line 1) Yasuhito

Name (line 2) Aruga

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

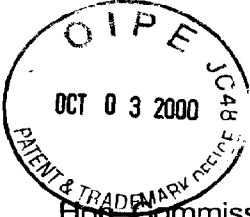
Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)

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IN THE UN

10-23-2000

MARK OFFICE



orney Docket No. 9319S-000127

COVER SHEET

101493870

ENT (PATENT)



Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

MRD 10.3.00

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) **Name Of Party Conveying The Interest:**

Kogo Endo
Eiji Oishi
Yasuhito Aruga

(2) **Name And Address Of Party Receiving The Interest:**

Seiko Epson Corporation
4-1, Nishi-shinjuku 2-chome
Shinjuku-ku, Tokyo, Japan

RECEIVED
OCT 16 2000
TC 2100 MAIL ROOM

(3) **Description Of The Transaction To Be Recorded:**

Assignment License
 Change of Name Other _____

(4) **Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

Serial Number 09/532,352, filed March 21, 2000.
 Application being filed concurrently herewith.
 Patent Number _____, issued _____.

(5) **Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

G. Gregory Schivley
Harness, Dickey & Pierce
P.O. Box 828
Bloomfield Hills, MI 48303

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: 1

Total Recordal Fee Enclosed: \$40.00

(7) **Date(s) The Document Was Executed:** July 4, 2000; July 6, 2000; July 19, 2000

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) has/have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

By: *G. Gregory Schivley*
G. Gregory Schivley Reg. No. 27,382
Bryant E. Wade Reg. No. 40,344
Attorneys for Applicant(s)

Date: *Aug 4, 2000*



譲渡証 (Translation/日本語訳)

下記に署名した私/私達、

遠藤 甲午、大石 英治、有賀 泰人 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、
- 2000年3月21日に出願され、出願番号09/532,352が交付され、
- PCT国際出願 _____として_____に出願され、

その発明は

表示装置及び電子機器

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）が単数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、及び法定代理人に連絡すること；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,

Kogo ENDO, Eiji OISHI, Yasuhito ARUGA,

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 March 21, 2000 and assigned Serial No. 09/532,352.
- filed as International Application No. _____ filed on _____

and entitled:

DISPLAY DEVICE AND ELECTRONIC APPARATUS

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

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、授權、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 遠藤 甲午 | Full name of sole or first inventor Kogo ENDO |
| 発明者の署名 遠藤甲午 | Inventor's signature Kogo Endo |
| 日付 2000年7月4日 | Date July 4, 2000 |
| 第二共同発明者 (いる場合) 大石 英治 | Full name of second joint inventor, if any Eiji OISHI |
| 第二共同発明者の署名 大石英治 | Second Inventor's signature Eiji Oishi |
| 日付 2000年7月6日 | Date July 6, 2000 |
| 第三共同発明者 (いる場合) 有賀 泰人 | Full name of third joint inventor, if any Yasuhito ARUGA |
| 第三共同発明者の署名 有賀泰人 | Third Inventor's signature Yasuhito Aruga |
| 日付 2000年7月14日 | Date July 14, 2000 |
| 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 |