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09/623738 533 Rec'd PCT/PTO 06 SEP 2000

Form PTO-1595 U.S. Department of Commerce 1.31.92 11-13-2000 Patent and Trademark Office EET RECO. P4786b To The Commissioner o sched original document or copy thereof. 101512587 Name and address of receiving party(ies): Name of conveying party(ies): 1. Hiroshi Yabe Name: Seiko Epson Corporation Makoto Okeya 9-6-00 Internal Address: Street Address: 4-1 Nishishinjuku 2-Chome, Shinjuku-ku, Tokyo, Japan Additional name(s) of conveying party(ies) attached? ⊠ No ☐ Yes Nature of Conveyance: Additional name(s) and addresses attached? ☐ Yes ☑ No Assignment Merger Security Agreement ☐ Change of Name Other 09/623738 Execution Date: August 29, 2000 and August 28, 2000 respectively 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: August 29, 2000 and August 28, 2000 B. Patent No(s). A. Patent Application No(s). Unknown Additional numbers attached? ☐ Yes ☒ No 6. Total number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41)\$40.00 Intellectual Property Department Epson Research And Development Inc. ☐ Enclosed 150 River Oaks Parkway, Suite 225 San Jose, CA 95134 Authorized to be charged to deposit account. 8. Deposit Account Number: 19-2746 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any copy is a true copy of the original document. Date: September 6, 2000 Rosalio Haro Registration No. 42,633 3 Total number of pages including cover sheet, attachments and document:

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PATENT REEL: 011218 FRAME: 0534 Seiko Epson Ref. No.: F004786US00

譲渡証 (Translation/日本語訳)

下記に署名した私/私達、

矢部宏、桶谷誠 は、

ある発明を創出し、これについて台衆国特許出願は

[\times	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
		に出願され、出願番号か交付され、
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その発明は

電子機器及び電子機器の制御方法

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、台衆団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、台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部に関わる全での権利、所有権、利益; 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、台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)に基づ了合ての優先権を伴う一切の権利;を、日本国東京都維宿区西新宿2丁日4番1号に任所を有すらセイコーエフソン株式会社、その後継者、譲受人及び決定代理人に対して、売却、譲渡、移転するものとする。

さらに、私/私達は、セイコーエブワン株式会社(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、一部継続出頭、継続出願、分 割出願、差替え出願、再発行出願、特許期間妇長等を行い、合 法的宣誓書、譲渡証、委任私等の書類を作成し、あらゆる法的 または準法的訴訟手続に加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/私達が知り得た全での 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;そして当該諈受人、後継者、被諈渡者、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、当記発明に関わる特 許出願に際し、当該譲受人、後継者、被譲渡音、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,

Hiroshi YABE, Makoto ()KEYA,

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

\boxtimes	executed by ME/US on even date herewith,				
	executed by ME/US on, (respective	ly)			
	filed on and assigned Serial No				
	filed as International Application No	filed on_			
	.				

and entitled.

ELECTRONIC APPARATUS AND CONTROL METHOD FOR ELECTRONIC APPARATUS

Do hereby sell, assign and transfer to Seiko Epson Corporation, a corporation of Japan, having a place of business at 4-1, Nishishinjuku 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 continuationsin-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

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Seiko Epson Ref. No.: F004786US00

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、授権、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、及び決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/私達は下記目付で署名する。

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 IMY OUR signature seal on the date indicated below.

唯一または第一発明者名		Full name of sole or first inventor	
矢部 宏		Hiroshi YABE	
発明者の署名	日付	Inventor's signature	Date
关系表	2011年8月29日	Etaroni Gape Au	1451 27, 2000
第二共同発明者(いる場合)		Full name of second joint inventor, if ar	
桶谷 誠		Makoto OKEYA	
第二共同発明者の署名	日付	Second Inventor's signature	Date
桶分就	2507 # S F 756E	Makele c'hejjer	August 3 . ac
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	日付	Third Inventor's signature	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	日付	Fourth Inventor's signature	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	日付	Fifth Inventor's signature	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	日付	Sixth Inventor's signature	Date
第七共同発明者(いる場合)		Full name of seventh joint inventor, if a	ny
第七共同発明者の署名	日付	Seventh Inventor's signature	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	日付	Eighth Inventor's signature	Date

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RECORDED: 09/06/2000