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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Hiroyuki Horibata Name: Sanyo Epson Imaging Devices Corporation Internal Address: Additional name(s) of conveying party(ies) attached? ___Yes No 3. Nature of conveyance/Execution Date(s): Street Address: 4-1, Hamamatsu-cho 2-chome, Minato-ku Execution Date(s) July 12, 2006 ✓ Assignment Merger City: Tokyo Change of Name Joint Research Agreement Government Interest Assignment Country: Japan____ Zip: Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? ☐ Yes ✓ No 4. Application or patent number(s): ✓ This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Marc A. Vivenzio 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: McCarter & English, LLP Authorized to be charged by credit card ✓ Authorized to be charged to deposit account **Enclosed** Street Address: 185 Asylum Street, CityPlace I None required (government interest not affecting title) 8. Payment Information City: Hartford a. Credit Card Last 4 Numbers ___ State: CT Zip: 06103 Expiration Date ___ Phone Number: 860.275.7055 b. Deposit Account Number 50-3569 Fax Number: 860.724.3397 H Authorized User Name Marc A. Vivenzio Email Address: 9. Signature: August 15, 2006 Signature Date Total number of pages including cover sheet, attachments, and documents: Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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譲渡証(Translation/日本語訳)

下記に署名した私/私達、

堀端 浩行 は、

ある発明を創出し、これについて合衆国特許出願は

\boxtimes	ここに私/私達によ	り署名さ	され,	
	に私/私達に	より (-	それぞれ)	署名され
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	PCT 国際出願	として_	に出	願され,

その発明は

デジタルアナログ変換回路

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、分割出願、差替之出願、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、日本国東京都港区浜松町2丁目4番地1号に住所を有する三洋エブソンイメージングデバイス株式会社、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、三洋エプソンイメージングデバイス株式 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,

Hiroyuki HORIBATA.

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, (respectively),
	filed on and assigned Serial No,
	filed as International Application No filed or
	1

and entitled:

DIGITAL-TO-ANALOG CONVERTER CIRCUIT

Do hereby sell, assign and transfer to Sanyo Epson Imaging Devices Corp., a corporation of Japan, having a place of business at 4-1, Hamamatsu-cho 2-chome, Minato-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 Sanyo Epson Imaging Devices Corp., 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 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

Sanyo Epson Imaging Devices Ref. No.: A0000577US01

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 堀端 浩行		Full name of sole or first inventor Hiroyuki HORIBATA	
発明者の署名	日付	Inventor's signature	Date
堀端	2006年7月12日	Hivoyuki Horibata	July. 12.2006
第二共同発明者(いる場合)		Full name of second joint inventor, if any	,
第二共同発明者の署名	日付	Second Inventor's signature	Date
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
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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
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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 any	′
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)		Cull name of sinks into income 2	
お八六四先明日(いる場口)		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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