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and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 Attorney Docket No. 133483 Please record the attached original document or copy thereof. 1. Name of conveying party(ies): 2. A. Name and address of receiving party(ies): A. 11882906 Shin KOIDE **EPSON IMAGING DEVICES** CORPORATION 6925 TOYOSHINA TAZAWA Additional name(s) of conveying party(ies) attached? AZUMINO-SHI, NAGANO JAPAN ☐ Yes 🖾 No Nature of conveyance: Additional name(s) & address(es) attached? A. ☐Yes 🛛 No Assignment Merger \boxtimes Security Agreement Change of Name Other Execution Date: July 27, 2007 4. \boxtimes This document is being filed together with a new application. Patent No.(s) Patent Application No.(s) ___ C. Title of Application: PHOTODETECTOR, ELECTRO-OPTICAL DEVICE, AND ELECTRONIC **APPARATUS** Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: James A. Oliff 7. Enclosed (Check No. 195564) Credit any overpayment or charge any underpayment to OLIFF & BERRIDGE, PLC Address: P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 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 the original document. DBYRKE Date: August 7, 2007 James A. Oliff Registration No. 27,025 David R. Kemeny Registration No. 57,241 Total number of pages including cover sheet, attachments, and document: 3

> PATENT REEL: 019709 FRAME: 0245

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EPSON IMAGING DEVICES Ref. No.: A0001331US0				
譲渡証(Translation/日本語訳)				
下記に署名した私/私達、				

小出 慎は、

ある発明を創出し、これについて合衆国特許出願は

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光検出装置、電気光学装置、および電子機器

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、合衆国とその展領及び 全ての外国に於ける金面的かつ独占的な権利;合衆国とその展 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; 一部継続出版、継続出願、分割出願、 遂替え出願、再発行出願、特許期間延長等、合衆国とその異領 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顧 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、日本国長野県安曇野市豊料田沢 6925 番地に住所を有する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 波、移転するものとする。

さらに、私人私達は、エプソンイメージングデバイス株式会社 (以下談受人と言う) 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; またこの領波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 名、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、合法的宜誓書、議渡証、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、当該瞭受人、後継者、被譲渡者、 及び法定代理人に連絡すること;そして当該瞭受人、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 **談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、及び独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,

Shin KOIDE

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 Appli	cation No filed or					

and entitled:

PHOTODETECTOR, ELECTRO-OPTICAL DEVICE, AND ELECTRONIC APPARATUS

Do hereby sell, assign and transfer to EPSON IMAGING DEVICES CORPORATION, a corporation of Japan, having a place of business at 6925 Toyoshina Tazawa, Azumino-Shi, Nagano 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 EPSON IMAGING DEVICES CORPORATION. hereinafter referred to as Assigned, 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 logal 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 logal proceedings; communicate to said Assignee, its successors, assigns or logal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignes, 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

EPSON IMAGING DEVICES Ref. No.: A0001331US01

そして、私/私途は、この咨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/私遠によって、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、当該護受人、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。

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

上配を証明するため、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 LIWE have hereunto set MY/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	
小出 慎		Shin KOIDE	
発明者の署名	日付	Inventor's signature	Date
小 出 慎	2007年7月27日	Shin Koide	July 27. 2007
第二共同発明者 (いる場合)		Full name of second joint inventor, if an	·
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	
第四共同発明者の著名	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	
第五共同発明者の著名	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 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)	· ·	Full name of eighth joint inventor, if any	
第八共同発明者の著名	日付	Eighth Inventor's signature	Date

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