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3. A. Nature of conveyance: Assignment Security Agreement	Merger Change of Name	В,	Additions	ıl name(s) & addreş ∐'Y	ss(es) attached? 'es ⊠ No
Other B. Execution Date: <u>[1] February</u> [2] February 26, 2007 [3] February 23, 2007	<u>/ 22, 2007</u>				
4. A. Patent Application No.(s) 11/6	Additional numbers attach	_	Patent No Yes ⊠ No		
<u>ACRY</u>	POSITION FOR CONDU LATE FUNCTIONALIS LAYER, ELECTRONIC	<u>SED AR</u>	YLAMINI	ES, CONDUCTI	
Name and address of party to whom concerning document should be maile		6. Tot	al number o	f applications and p	patents involved: 1
Name: James A. Oliff	,				ount No. 15-0461 the ac amount of \$40.00,
Address: OLIFF & BERRIDGE, PI P.O. Box 19928 Alexandria, VA 223 Phone Number: 703-836 Fax Number: 703-836-2	320 5-6400			payment or charge I number 15-0461.	any underpayment to
9. Statement and signature. To the best of my knowledge and beli original document. James A. Oliff, Registration No. 27,0 Stephen P. Catlin, Registration No. 30	775	m is true a		nd any attached co May 3, 2007	ppy is a true copy of the

PATENT

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さらに、私/私達は、セイコーエブソン株式会社(以下競受人 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 ての外面に於いて出願し、特許を受けること,またこの認定証 の意図と目的を触突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、当該施受人、その後継者、その被護渡者、 及び法定代理人の費用負担にて、一部経統出願、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 法的宣誓者、践独証、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首を行うこと;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;そして当該護受人、役離者、被護被者、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 るために堅ましいと考慮すること、また、当該発明に関わる特 許出願に廃し、当該職受人、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

☑1002/003

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

' Yuji SHINOHARA, Kolahi TERAO, Takashi SHINOHARA

who have created a certain	invention fo	or which	an app	lication	Ю
United States Letters Patent	ŧ				

	executed by ME/US on even date herewith,	•
	executed by ME/US on, (respectively	
	filed on and assigned Scrial No	
\boxtimes	filed as International Application	No
	PCT/JP2005/015969 filed on August 25, 2005,	

and entitled:

OLIFF & BERRIDGE, PLC

COMPOSITION FOR CONDUCTIVE MATERIALS COMPRISING TETRA ACRYLATE FUNCTIONALISED ARYLAMINES, CONDUCTIVE MATERIAL AND LAYER, ELECTRONIC DEVICE AND EQUIPMENT

Do hereby soll, assign and transfer to Saiko 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, relispes, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shell 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 rame, 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 Assignce, its successors, assigns and legal representatives, the undersigned will execute ПB continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful caths, 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 Assignes, its successore, essigns, 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

Page 1 of 2

Seiko Epson Ref. No.: J0111572US01

そして、私/私達は、この書面により該渡された権利や財産に 影響する、如何なる該渡、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、当該護受人、後維者、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 Assignce, 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.

VWE, 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 L/WE 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
禅原 祐治	•	Yuji SHINOHARA
発明者の署名	日付	Inventor's signature Date
展原為岩	2001年2月22日	Yuli Shinohara Rebruary 22, 2007
第二共同発明者(いる場合) 寺屋 幸一		Full name of second joint inventor, if any Kojehi TERAO
第二共同発明をの署名		Second Inventor's signature Date
寺尾章一	2007年 2月26日	Koichi Texas February 26, 2007
第三共同発明者(いる場合) ・ 徳原 登		Full name of third joint inventor, if any Takashi SHINOHARA
第三共同発明者の署名	·当付	Third Inventor's signature Date
孫原養	<i>2007年2</i> 月23日	Takashi Shinohara February 23, 2007
第四共同発明者(いる場合)	,	Full name of fourth joint inventor, if any
第四共団領明者の署名	食付	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 Dato
第六共同張明者(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
 緊七共間発明者の署名	日付	Seventh Inventor's signature Date
第八共同発明者(いる場合)	<u> </u>	Full name of eighth joint inventor, if any
第八共同発明者の著名	白付	Eighth Inventor's signature Date
1		I I

Page 2 of 2

PATENT REEL: 019249 FRAME: 0748

RECORDED: 05/03/2007