

Form PTO-1595 (modified) EET U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office 102127107 OMB No. 0651-0027 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): SIPE Makoto KOBAYASHI SEIKO EPSON CORPORATION Takeo KISHIDA 4-1, Nishi-shinjuku 2 chome, Shinjuku-ku, Tokyo, Japan Hiroto MIYAUCHI JUN 1 2 2002 Additional name(s) of conveying party(ies) attached?

Yes 3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Record to correct 1st Assignor's name at ☑ Other Reel 012600, Frame 0537 Execution Date: February 6, February 7, and January 24, 2002 ☑ No 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: A. Patent Application No.(s) B. Patent No.(s) 29/151,443 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, N.W. ☑ Enclosed. Suite 800 Authorized to be charged to Deposit Account No. 19-4880. Washington, D.C. 20037-3213 The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. 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. Reg. No. 22,775 June 12, 2002 Robert V. Sloan Date Total number of pages including cover sheet, attachments, and documents: 8 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks

> Box Assignment Washington, D.C. 20231

06/18/2002 TDIAZ1 00000049 29151443

01 FC:581

0.00 DP

02-27*-2*002

3.21.03

067570

i		MINIMIN CR SI	HEET U.	S. DEPARTMENT OF COMMERCE	
(Rev. 03/01) OMB No. 0651-0027	1019939			U.S. Patent and Trademark Office	
1. Name of conveying party(ies):	8 F 10,	2. Name and address			
Makota KOBAYASHI Takeo KISHIDA Hiroto MIYAUCHI	P E C C C C C C C C C C C C C C C C C C	SEIKO EPSON CO 4-1, Nishi-shinjuku 2 Shinjuku-ku, Tokyo Japan			
Additional name(s) of conveying party(ies) a	ttached? ☐ Yes ☑ No	[:			
3. Nature of conveyance:					
☑ Assignment ☐ Merger					
☐ Security Agreement ☐ Change	of Name				
Other					
Execution Date: February 6, 2002, F and January 24, 2002		Additional name(s) & a	ddress(es) attached	d? □ Yes ☑ No	
4. Application number(s) or patent nu	imber(s):				
If this document is being filed toge	ther with a new applicat	tion, the execution date	of the application	on is:	
A. Patent Application No.(s) 29/151,443		B. Patent No.(s)			
	Additional numbers a				
5. Name and address of party to whom concerning document should be made and the should be s		6. Total number of a	1		
SUGHRUE MION, PLLC	i i		3 41). \$4	10.00	
	. 337	7. Total fee (37 CFR		40.00	
2100 Pennsylvania Avenue, N	.W.	☑ Enclosed. Ple	ase charge any u	nderpayment in connection	
		☑ Enclosed. Ple	ase charge any ugnment to Deposi	nderpayment in connection it Account No. 19-4880.	
2100 Pennsylvania Avenue, N Suite 800		☑ Enclosed. Ple with this Assig	ase charge any ugnment to Deposibe charged to denumber:	nderpayment in connection it Account No. 19-4880.	
2100 Pennsylvania Avenue, N Suite 800		☐ Enclosed. Ple with this Assig ☐ Authorized to 8. Deposit account n	ease charge any use gnment to Deposition be charged to denumber: 19-488	nderpayment in connection it Account No. 19-4880. eposit account	
2100 Pennsylvania Avenue, N Suite 800	3	 ☑ Enclosed. Ple with this Assig ☐ Authorized to 8. Deposit account n (Attach duplicate 	ease charge any use gnment to Deposition be charged to denumber: 19-488	nderpayment in connection it Account No. 19-4880.	
2100 Pennsylvania Avenue, N Suite 800 Washington, D.C. 20037-3213	3	☐ Enclosed. Ple with this Assig ☐ Authorized to 8. Deposit account n	ease charge any use gnment to Deposition be charged to denumber: 19-488	nderpayment in connection it Account No. 19-4880. eposit account	
2100 Pennsylvania Avenue, N Suite 800	DO NOT	 ✓ Enclosed. Ple with this Assig ✓ Authorized to 8. Deposit account n (Attach duplicate USE THIS SPACE 	passe charge any use ment to Deposition be charged to denumber: 19-488 copy of this page	it Account No. 19-4880. sposit account or if paying by deposit account) ached copy is a true copy of the	
2100 Pennsylvania Avenue, N Suite 800 Washington, D.C. 20037-3213 9. Statement and signature. To the best of my knowledge and b	DO NOT	✓ Enclosed. Ple with this Assig ✓ Authorized to 8. Deposit account n (Attach duplicate USE THIS SPACE rmation is true and con	passe charge any use ment to Deposition be charged to denumber: 19-488 copy of this page	nderpayment in connection it Account No. 19-4880. posit account 0 if paying by deposit account)	
9. Statement and signature. To the best of my knowledge and b original document. Robert V. Sloan	DO NOT relief, the foregoing info	Enclosed. Ple with this Assig □ Authorized to 8. Deposit account n (Attach duplicate USE THIS SPACE rmation is true and con 22,775	ease charge any use ment to Deposite charged to destrumber: 19-488 copy of this page exercet and any atternations of the copy	nderpayment in connection it Account No. 19-4880. posit account 0 if paying by deposit account) ached copy is a true copy of the heary 21, 2002 Date	
9. Statement and signature. To the best of my knowledge and b original document, Robert V. Sloan Total num	DO NOT welief, the foregoing info Reg. No.	Enclosed. Ple with this Assig Authorized to 8. Deposit account in (Attach duplicate USE THIS SPACE rmation is true and con 22,775 cover sheet, attachmen	ease charge any use ment to Deposite charged to destrumber: 19-488 copy of this page copy of the page copy of the page copy of the page copy and any attention of the page copy	it Account No. 19-4880. posit account 0 if paying by deposit account) ached copy is a true copy of the part 21, 2002 Date ts: 3	
9. Statement and signature. To the best of my knowledge and b original document. Robert V. Sloan Total num	DO NOT Relief, the foregoing information in the foregoing in th	Enclosed. Ple with this Assig Authorized to 8. Deposit account n (Attach duplicate USE THIS SPACE rmation is true and con 22,775 cover sheet, attachmen with required cover s of Patents & Trademan	passe charge any use ment to Deposite charged to destrumber: 19-488 copy of this page copy of this page copy of the page cop	it Account No. 19-4880. posit account 0 if paying by deposit account) ached copy is a true copy of the part 21, 2002 Date ts: 3	
9. Statement and signature. To the best of my knowledge and b original document. Robert V. Sloan Total num	Reg. No. aber of pages including of the commissioner Bores.	Enclosed. Ple with this Assig Authorized to 8. Deposit account in (Attach duplicate USE THIS SPACE rmation is true and con 22,775 cover sheet, attachmen with required cover s	passe charge any use ment to Deposite charged to destrumber: 19-488 copy of this page copy of this page copy of the page cop	it Account No. 19-4880. posit account 0 if paying by deposit account) ached copy is a true copy of the part 21, 2002 Date ts: 3	

02/26/2002 LMUELLER 00000138 29151443

01 FC:581

40.00 OP

PATENT REEL: 012990 FRAME: 0123 Seiko Epson Ref. No.: F006562US00/TP

譲渡証 (Translation/日本語訳)

下記に署名した私/私達、

小林 睦、岸田 剛夫、宮宇地 博人 は、

ある発明を創出し、これについて合衆国特許出願は

	•	により署名され。 達により (それ・		
==		•		عدما
\triangle		<u>0日</u> に田願され,	出願番号29/151,44	322
_	交付され,		No. of the second St. N	
Ш	PCT 国際出願 _	として	_に出願され,	
その発	明は			

C -270.7.

<u>プリンタ</u>

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.

Makoto KOBAYASHI, Takeo KISHIDA and Hiroto MIYAUCHI,

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),					
\boxtimes	filed on <u>December 10, 2001</u> a 29/151,443,	and assigned Serial No.					
	filed as International Applicati	ion No filed on					

and entitled:

PRINTER

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, 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 undersigned will representatives. the execute ali 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

Seiko Epson Ref. No.: F006562US00/TP

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			Full name of sole or first inventor	
小林 睦			Makoto KOBAYASHI	
発明者の署名	日付		Inventor's signature	Date
川林 塍		2002年2月6日	Mako to totogadii	Feb, 06, 2002
第二共同発明者(いる場合)			Full name of second joint inventor, if any	
岸田 剛夫		and by the	Takeo KISHIDA	
第二共同発明者の署名	日付		Second Inventor's signature	Date
芦田剛夫		2002年2月7日	Takeo kishida	Teb 07,2002
第三共同発明者(いる場合)			Full name of third joint inventor, if any	
宮宇地 博人			Hiroto MIYAUCHI	
第三共同発明者の署名	日付		Third Inventor's signature	Date
宫中地 博人		2002年 月 24日	Hitoto Mizauchi	Jun/24/02
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	
At 77 44 57 64 00 47 00 57 47			Fig. 1	Data
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
367 \7 (M) 7C 97 C V 16 12	н.,		CIXAT INTO TOOL O DIGITALIA	
1				
第七共同発明者(いる場合)			Full name of seventh joint inventor, if ar	NV
おし木門元明日 (0.00年日)			an manie of Sevendi Jonic myentor, if an	,,
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	
ATT SYCHIAN IN CA MANIET				
第八共同発明者の署名	日付		Eighth Inventor's signature	Date