

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5446193

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the 2ND INVENTOR previously recorded on Reel 048559 Frame 0307. Assignor(s) hereby confirms the 2ND INVENTOR IS AKIO KONISHI.
CONVEYING PARTY DATA	
Name	Execution Date
TOMOAKI TAKAHASHI	01/10/2019
AKIO KONISHI	02/15/2019
RECEIVING PARTY DATA	
Name:	SEIKO EPSON CORPORATION
Street Address:	1-6, SHINJUKU 4-CHOME
Internal Address:	SHINJUKU-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	160-8801
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16298066
CORRESPONDENCE DATA	
Fax Number:	(248)641-0270
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(248) 641-1600
Email:	nknabl@hdp.com, troymailroom@hdp.com
Correspondent Name:	HARNES, DICKEY & PIERCE, PLC
Address Line 1:	P.O. BOX 828
Address Line 2:	BRYANT E. WADE
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303
ATTORNEY DOCKET NUMBER:	9319S-005991-US
NAME OF SUBMITTER:	BRYANT E. WADE
SIGNATURE:	/Bryant E. Wade/
DATE SIGNED:	03/28/2019
Total Attachments: 5	
source=CorrectiveAssignment#page1.tif	

source=CorrectiveAssignment#page2.tif

source=CorrectiveAssignment#page3.tif

source=CorrectiveAssignment#page4.tif

source=CorrectiveAssignment#page5.tif



RECEIVED
MAR 12 2019

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 12, 2019

PTAS

HARNES DICKEY (TROY)
P.O. BOX 828
BRYANT E. WADE
BLOOMFIELD HILLS, MI 48303

505367722

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP; ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/11/2019

REEL/FRAME: 048559/0307
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 9319S-005991-US

ASSIGNOR:

TAKAHASHI, TOMOAKI
KONISHI, AKIO

DOC DATE: 01/10/2019

02/15/2019

ASSIGNEE:

SEIKO EPSON CORPORATION
1-6, SHINJUKU 4-CHOME
SHINJUKU-KU
TOKYO, JAPAN 160-8801

APPLICATION NUMBER: 16298066

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: PIEZOELECTRIC DRIVING DEVICE, ROBOT, ELECTRONIC COMPONENT
CONVEYANCE APPARATUS, PRINTER, AND PROJECTOR

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION



PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5414514

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOMOAKI TAKAHASHI	01/10/2019
RECEIVING PARTY DATA	
Name:	SEIKO EPSON CORPORATION
Street Address:	1-6, SHINJUKU 4-CHOME
Internal Address:	SHINJUKU-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	160-8801
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16298066
CORRESPONDENCE DATA	
Fax Number:	(248)641-0270
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	248-641-1600
Email:	nknabi@hdp.com, troy@mailroom@hdp.com
Correspondent Name:	HARNES DICKEY (TROY)
Address Line 1:	P.O. BOX 828
Address Line 2:	BRYANT E. WADE
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303
ATTORNEY DOCKET NUMBER:	9319S-005991-US
NAME OF SUBMITTER:	BRYANT E. WADE
SIGNATURE:	/Bryant E. Wade/
DATE SIGNED:	03/11/2019
Total Attachments: 3	
source=Assignment#page1.tif	
source=Assignment#page2.tif	
source=Assignment#page3.tif	

譲渡証 (Translation/日本語訳)

Assignment

下記に署名した私/私達、

高橋 智明、小西 晃雄、

は、ある発明を創出し、これについて合衆国特許出願は

- 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 が交付され、
 PCT 国際出願 として に出願され、

その発明は、
圧電駆動装置、ロボット、電子部品搬送装置、プリンターおよび
 プロジェクター

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新宿四丁目 1 番 6 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、(以下譲受人と書く)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。

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

Tomoaki TAKAHASHI, Akio KONISHI,

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),
 filed on and assigned Serial No.
 filed as International Application No. filed on

and entitled:
PIEZOELECTRIC DRIVING DEVICE, ROBOT, ELECTRONIC
 COMPONENT CONVEYANCE APPARATUS, PRINTER, AND
 PROJECTOR

Do hereby sell, assign and transfer to SEIKO EPSON CORPORATION, having a place of business 1-6, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-8801 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 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

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。

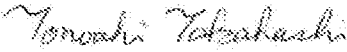
さらに、下記に署名した私/私達はこの譲渡書は英語の部分の表現によってのみ解釈されることに同意する。

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の正式氏名 高橋 智明	Legal name of sole or first inventor Tomooki TAKAHASHI
発明者の署名 Inventor's signature 	日付 Date Jan 10 / 2019
第二共同発明者の正式氏名(いる場合) 小西 晃雄	Legal name of Second joint inventor, if any Akio KONISHI
第二共同発明者の署名 Second Inventor's signature	日付 Date
第三共同発明者の正式氏名(いる場合)	Legal name of Third joint inventor, if any
第三共同発明者の署名 Third Inventor's signature	日付 Date
第四共同発明者の正式氏名(いる場合)	Legal name of Fourth joint inventor, if any
第四共同発明者の署名 Fourth Inventor's signature	日付 Date
第五共同発明者の正式氏名(いる場合)	Legal name of Fifth joint inventor, if any
第五共同発明者の署名 Fifth Inventor's signature	日付 Date
第六共同発明者の正式氏名(いる場合)	Legal name of Sixth joint inventor, if any
第六共同発明者の署名 Sixth Inventor's signature	日付 Date
第七共同発明者の正式氏名(いる場合)	Legal name of Seventh joint inventor, if any
第七共同発明者の署名 Seventh Inventor's signature	日付 Date
第八共同発明者の正式氏名(いる場合)	Legal name of Eighth joint inventor, if any
第八共同発明者の署名 Eighth Inventor's signature	日付 Date

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の正式氏名 高橋 智明	Legal name of sole or first inventor Tomokaki TAKAHASHI
発明者の署名 Inventor's signature	日付 Date
第二共同発明者の正式氏名(いる場合) 小西 晃雄	Legal name of Second joint inventor, if any Akio KONISHI
第二共同発明者の署名 Second inventor's signature <i>Akio Konishi</i>	日付 Date <i>Feb. 15, 2019</i>
第三共同発明者の正式氏名(いる場合)	Legal name of Third joint inventor, if any
第三共同発明者の署名 Third inventor's signature	日付 Date
第四共同発明者の正式氏名(いる場合)	Legal name of Fourth joint inventor, if any
第四共同発明者の署名 Fourth inventor's signature	日付 Date
第五共同発明者の正式氏名(いる場合)	Legal name of Fifth joint inventor, if any
第五共同発明者の署名 Fifth inventor's signature	日付 Date
第六共同発明者の正式氏名(いる場合)	Legal name of Sixth joint inventor, if any
第六共同発明者の署名 Sixth inventor's signature	日付 Date
第七共同発明者の正式氏名(いる場合)	Legal name of Seventh joint inventor, if any
第七共同発明者の署名 Seventh inventor's signature	日付 Date
第八共同発明者の正式氏名(いる場合)	Legal name of Eighth joint inventor, if any
第八共同発明者の署名 Eighth inventor's signature	日付 Date