

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3898701

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
SEIKO EPSON CORPORATION		03/22/2016
RECEIVING PARTY DATA		
Name:	TOKYO ELECTRON LIMITED	
Street Address:	3-1 AKASAKA 5-CHOME, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
PROPERTY NUMBERS Total: 31		
Property Type	Number	
Application Number:	11835166	
Application Number:	11865959	
Application Number:	13418496	
Application Number:	11948334	
Application Number:	12169107	
Application Number:	12169124	
Application Number:	12197536	
Application Number:	12323004	
Application Number:	12401251	
Application Number:	12473966	
Application Number:	12697739	
Application Number:	12720086	
Application Number:	12786798	
Application Number:	12883452	
Application Number:	12173332	
Application Number:	10631484	
Application Number:	11027921	
Application Number:	11221205	
Application Number:	12542898	
Application Number:	11708169	
Application Number:	11974632	

PATENT

Property Type	Number
Application Number:	11974631
Application Number:	11948357
Application Number:	12125468
Application Number:	12823388
Application Number:	12332425
Application Number:	12621733
Application Number:	13289566
Application Number:	10347268
Application Number:	10352217
Application Number:	12035663

CORRESPONDENCE DATA

Fax Number: (703)739-2815

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.

Email: iprecordals@cpaglobal.com, APandey2@cpaglobal.com

Correspondent Name: CPA GLOBAL LTD

Address Line 1: LIBERATION HOUSE

Address Line 2: CASTLE STREET

Address Line 4: ST HELIER, JERSEY JE1 1BL

NAME OF SUBMITTER:	HEIDI WHITTINGHAM
SIGNATURE:	HMW/IPR/AP/NGBTokyoElectronLtd/047/AG31P
DATE SIGNED:	06/02/2016

Total Attachments: 3

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UNITED STATES OF AMERICA

ASSIGNMENT

WHEREAS, **SEIKO EPSON CORPORATION** ("ASSIGNOR"), a Corporation [specify entity type—e.g., corporation] organized under the laws of **Japan**, with a place of business at **4-1 NISHI-SHINJUKU 2-CHOME, SHINJUKU-KU, TOKYO, JAPAN**, owns the United States Patent(s) (the "Patent(s)") listed on the attached Schedule A; and

WHEREAS, **Tokyo Electron Limited** ("ASSIGNEE"), a **Limited company** [specify entity type—e.g., corporation] organized under the laws of **Japan**, with a place of business at **3-1 AKASAKA 5-CHOME, MINATO-KU, TOKYO, JAPAN**, desires to acquire all rights to the Patent(s);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: **22 March, 2016**

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

SEIKO EPSON CORPORATION

By: 高畑 俊哉

Name: Toshiya Takahata

Title: General Administrative Manager Intellectual Property Division

Date:

Schedule

Country	Application Number	IP Grant Number
USA	11/835166	8247021
USA	11/865959	8389046
USA	13/418496	8668951
USA	11/948334	7762644
USA	12/169107	8124190
USA	12/169124	8173223
USA	12/197536	8020512
USA	12/323004	7880873
USA	12/401251	8323724
USA	12/473966	8308267
USA	12/697739	8622084
USA	12/720086	8186803
USA	12/786798	8567890
USA	12/883452	8376512
USA	12/173332	9162445
USA	10/631484	7032990
USA	11/027921	7280933
USA	11/221205	7374270
USA	12/542898	8128197
USA	11/708169	7789038
USA	11/974632	8075082
USA	11/974631	8037841
USA	11/948357	7798592

Country	Application Number	IP Grant Number
USA	12/125468	7771011
USA	12/823388	8523319
USA	12/332425	8273418
USA	12/621733	8201915
USA	13/289566	8891046
USA	10/347268	7517549
USA	10/352217	7037810
USA	12/035663	8443753