PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5249426

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
SEIKO EPSON CORPORATION	09/25/2018

RECEIVING PARTY DATA

Name:	138 EAST LCD ADVANCEMENTS LIMITED
Street Address:	BRACKEN ROAD, SANDYFORD
Internal Address:	FIRST FLOOR, BLACKTHORN EXCHANGE
City:	DUBLIN
State/Country:	IRELAND
Postal Code:	D18 P3Y9

PROPERTY NUMBERS Total: 21

Property Type	Number
Patent Number:	6937052
Patent Number:	7302088
Patent Number:	7233685
Patent Number:	7349559
Patent Number:	7324672
Patent Number:	7409107
Patent Number:	7257240
Patent Number:	7053633
Patent Number:	7078917
Patent Number:	7205778
Patent Number:	7375714
Patent Number:	7081765
Patent Number:	7126350
Patent Number:	7091726
Patent Number:	7116116
Patent Number:	7486809
Patent Number:	7835553
Patent Number:	7327596
Patent Number:	7208961

PATENT REEL: 047567 FRAME: 0006

505202658

Property Type	Number		
Patent Number:	7196528		
Patent Number:	7616819		

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 0035315566534

Email: docketing@longitudelicensing.ie
Correspondent Name: LONGITUDE LICENSING LTD
Address Line 1: BRACKEN ROAD, SANDYFORD

Address Line 2: FIRST FLOOR, BLACKTHORN EXCHANGE

Address Line 4: DUBLIN, IRELAND D18 P3Y9

ATTORNEY DOCKET NUMBER:	138 EAST BOLT ON #2			
NAME OF SUBMITTER:	RONAN O'BYRNE			
SIGNATURE:	/Ronan O'Byrne/			
DATE SIGNED:	11/22/2018			

Total Attachments: 5

source=2018_09_25_Assignment_Seiko_Epson_to_138_East#page1.tif source=2018_09_25_Assignment_Seiko_Epson_to_138_East#page2.tif source=2018_09_25_Assignment_Seiko_Epson_to_138_East#page3.tif source=2018_09_25_Assignment_Seiko_Epson_to_138_East#page4.tif source=2018_09_25_Assignment_Seiko_Epson_to_138_East#page5.tif

PATENT REEL: 047567 FRAME: 0007

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Seiko Epson Corporation ("Assignor"), having a place of business at 1-6, Shinjuku 4-chome, Shinjuku-ku, Tokyo 1608801 Japan, hereby irrevocably assigns, sells, transfers, and conveys to 138 East LCD Advancements Limited, a company organized and existing under the laws of Ireland having a place of business at 1st Floor, Blackthorn Exchange, Bracken Road, Sandyford, Dublin D18 P3Y9, Ireland ("Assignee"), all rights, title and interest that exist as of September 25, 2018 and may exist in the future in and to any of the following (collectively, the "Patent Rights"):

- (a) the patent applications and patents listed in the attached Appendix I (collectively, the "Assigned Assets"), including all rights of priority;
- (b) all patents, divisionals, continuations, continuations-in-part, continued prosecution applications, requests for continuing examinations, reissues, reexaminations and extensions thereof and all pending applications therefor, and any other patent or patent application related to such patent or patent application by claim of direct or indirect priority or terminal disclaimer, and all pending applications therefor, and any patents resulting therefrom for all Assigned Assets in (a) above;
- (c) all foreign patents, foreign patent applications, and foreign counterparts relating to any item in any of the foregoing categories by claim of direct or indirect priority or terminal disclaimer (a) and (b), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (d) all items in any of the foregoing categories (a) through (c), whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (e) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (d), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (f) all claims and causes of action (whether known or unknown or whether currently pending, filed, or otherwise) for damages, injunctive relief, and any other remedies of any kind, accounting and information, and other secondary claims arising out of the past, current, and future infringement of the Assigned Assets and/or any item in any of the foregoing categories (b) through (e) by third parties which have accrued with Assignor or to which Assignor otherwise holds title; and

(g) all rights to collect royalties and other payments under or on account of any of the Assigned Assets and/or any item in any of the foregoing categories (b) through (f).

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances which may be granted upon any of the Assigned Assets in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

The terms and conditions of this assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, Assignor has caused its duly authorized representative to execute this assignment.

Seiko Epson Corporation

Ву:	· 馬伽俊钦
Name:	Takahata Toshiya
Γitle:	General Administrative Manager, Intellectual Property Division
Date:	October 5, 2018

Assignee hereby declares the acceptance of the assignment of Patent Rights.

ASSIGNEE:

138 East LCD Advancements Limited

By:

Name:

l'itle:

DIRECTOR.

Appendix I

SCHEDULE A PATENTS

Family	No.	Serial No.	Docket No.		Country	Application No.	Patent No.
F-	1	Ī	J0008863	US01	US	10/925942	USP06937052
F-	1.	.2	J0008863	CN01	CN	200410075139.9	ZL200410075139.9
F.	2	3	J0008373	US01	US	10/614873	USP07302088
F-	3	4	J0008732	US01	US	10/653170	USP07233685
F-	4	5	J0009079	CN01	CN	200310124249.5	ZL200310124249.5
F-	4	6	J0009079	DE01	DE	60311759.7	01435586
F-	4	7	J0009079	FR01	FR	03258099.5	01435586
F-	4	8	J0009079	GB01	GB	03258099.5	01435586
F-	4	9	J0009079	US01	US	10/738050	USP07349559
F-	4	10	J0092617	JP02	JР	特顯 2005-209842	04244970
F-	5	11	J0008733	US01	US	10/654423	USP07324672
F-	5	12	J0008733	US02	US	11/987637	USP07409107
F.	5	13	J0093900	JP02	JР	特顯 2007-195582	04229201
F.	6	14	J0008734	US01	US	10/654443	USP07257240
F-	6	15	J0093901	JP01	JP	特顯 2002-277456	04059047
F-	6	16	J0093901	JP03	JP	特顯 2008-236210	04683098
F-	7	17	J0009743	DE01	DE	602004002613.1	01475740
F-	7	18	J0009743	FR01	FR	04251902.5	01475740
F-	7	19	J0009743	GB01	GB	04251902,5	01475740
P.	7	20	J0009743	KR01	KR	20040025668	00808227
F.	7	21	J0009743	US01	US	10/808523	USP07053633
F-	7	22	J0098497	JP01	JР	特願 2003-112842	03775601
F-	8	23	J0009927	CN01	CN	200410035310.3	ZL200410035310.3
F-	8	24	J0009927	KR01	KR	20040026331	00632824

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F- 8	25	J0009927	TW01	TW	93110098	1233981
F- 8	26	J0009927	US01	US	10/825377	USP07078917
F- 8	27	J0009927	US02	US	11/350726	USP07205778
F- 8	28	J0108095	JP01	1h	特願 2004-050148	04003750
F- 9	29	J0101970	JP01	JP	特願 2003-308434	04396814
F- 9	30	J0101970	US01	US	10/916620	USP07375714
F- 10	31	J0101971	JP01	ĴΡ	特願 2003-308447	04320575
F- 11	32	J0102993	JP01	ΊЪ	特顧 2003-209666	03858864
F- 11	33	J0102993	US01	US	10/925031	USP07081765
F- 11	34	J0102994	JP01	1b	特額 2003-209667	03858865
F- 11	35	J0102994	US01	US	10/924993	USP07126350
F- 12	36	J0108250	JP01	JP	特願 2004-164499	04432625
F- 12	37	J0108250	US01	US	10/932037	USP07091726
F- 13	38	J0104217	JP02	JP	特願 2004-223323	03909712
F- 13	39	J0104217	US01	US	10/958483	USP07116116
F- 14	40	J0106074	CN01	CN	200510008003.0	ZL200510008003.0
F- 14	41	J0106074	KR01	KR	20040114589	00704579
F~ 14	42	J0106074	TWOI	TW	94101021	1255336
F- 14	43	J0106074	US01	US	11/041265	USP07486809
F- 15	44	J0111578	JP01	JP	特願 2004-288494	03931898
F- 15	45	J0111578	US01	US	11/207757	USP07835553
F- 16	46	J0111592	JP01	JP	特願 2004-216896	04400357
F- 17	47	J0112466	US01	US	11/207841	USP07327596
F- 18	48	J0112884	CN01	CN	200510113702.1	ZL200510113702.1
F- 18	49	J0112884	JP01	JP	特願 2004-298019	04441927
F- 18	50	J0112884	KR01	KR	20050074110	00669936
F- 18	51	J0112884	US01	US	11/208585	USP07208961
F- 19	52	J0113345	US01	US	11/213963	USP07196528
F- 20	53	J0117031	JP01	JР	特願 2005-094783	04501750
F- 20	54	J0117031	US01	US	11/364001	USP07616819

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