

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AKIFUMI OKIGAWA	05/21/2018
KENJI HARADA	05/21/2018
KEIJI HORIKAWA	05/21/2018
MASAYA TERAJ	05/21/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JOLED INC.
<b>Street Address:</b>	23, KANDANISHIKI-CHO 3-CHOME, CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	101-0054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16006908
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 1:</b>	2318 MILL ROAD
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<b>ATTORNEY DOCKET NUMBER:</b>	5952-J016
<b>NAME OF SUBMITTER:</b>	BENJAMIN J. HAUPTMAN
<b>SIGNATURE:</b>	/Benjamin J. Hauptman/
<b>DATE SIGNED:</b>	06/13/2018
<b>Total Attachments: 1</b>	
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**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                    |                 |
|--------------------|-----------------|
| 1) Akifumi OKIGAWA | 2) Kenji HARADA |
| 3) Keiji HORIKAWA  | 4) Masaya TERAJ |

who has made a certain new and useful invention, hereby sells, assigns and transfers unto JOLED INC. having a place of business at 23, Kandanshiki-cho 3-chome, Chiyoda-ku, Tokyo, 101-0054, Japan, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

**ORGANIC EL DISPLAY PANEL**

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Patent Application No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Akifumi Okigawa  
Name: Akifumi OKIGAWA

May 21th, 2018  
Date

2) Kenji Harada  
Name: Kenji HARADA

May 21th, 2018  
Date

3) Keiji Horikawa  
Name: Keiji HORIKAWA

May 21th, 2018  
Date

4) Masaya Terai  
Name: Masaya TERAJ

May 21th, 2018  
Date