

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OLEG D. LAVRENTOVICH	11/29/2016
QI-HUO WEI	11/29/2016
SERGIJ V. SHIYANOVSKII	11/29/2016
CHENHUI PENG	11/29/2016
YUBING GUO	12/01/2016
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City:	KENT
State/Country:	OHIO
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15358532
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SIGNATURE:	/Robert M. Sieg/
DATE SIGNED:	12/20/2016
Total Attachments: 3	

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, the undersigned, **Oleg D. Lavrentovich** of 711 River Bend Boulevard, Kent, OH 44242; and **Qi-Huo Wei**, of 5736 Londonairy Boulevard, Hudson, OH 44236; **Sergij V. Shiyanovskii**, of 4798 Heights Drive, Stow, OH 44224; **Chenhui Peng**, of 1821 Mohican Place, Kent, OH 44240; and **Yubing Guo**, of 1944 Sioux Place, Kent, OH 44240 ("Inventors") who has/have created a certain invention for which a U.S. Patent Application has been

- executed concurrently herewith
 executed on
 filed November 22, 2016 and assigned Application Serial No. 15/358,532


and is entitled

LIQUID CRYSTALS WITH PATTERNED MOLECULAR ORIENTATION AS AN ELECTROLYTIC ACTIVE MEDIUM

hereby sell, assign and transfer to **Kent State University**, ("Assignee"), a corporation of the State of Ohio, having a place of business at **P.O. Box 5190, Kent, Ohio 44242**, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will

communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.



Oleg D. Lavrentovich

DATE

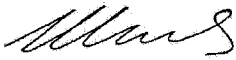
11/29/2016



Qi-Huo Wei

DATE

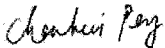
11/29/2016



Sergij V. Shiyarovskii

DATE

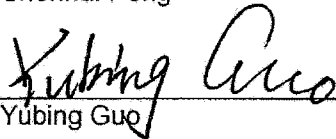
11/29/2016



Chenhui Peng

11/29/2016

DATE



Yubing Guo

DATE

12/01/2016

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