



12-03-2004



102894215

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11-2604

IN RE APPLICATION OF : Satendra Kumar, et al.

FOR : POLYMER ENHANCED LIQUID CRYSTAL DEVICES
BUILT WITH RIGID OR FLEXIBLE SUBSTRATES

SERIAL NO. : 10/443,276

FILED : May 22, 2003

EXAMINER : Jeanne A. DI GRAZIO

ART UNIT : 2871

CONFIRMATION NO. : 5858

ATTORNEY DOCKET NO.: KSU.P0241
KNST 2 00022

ASSIGNMENT TRANSMITTAL LETTER

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Dear Sir:

Please record the attached original document or copy thereof.

1. Name of Parties conveying an interest:

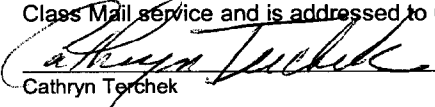
Satyendra Kumar
Qingbing Wang

2. Name and Address of Party receiving an interest:

Kent State University
145 Auditorium Building
P.O. Box 5190
Kent, Ohio 44242-0001

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service as First Class Mail service and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Cathryn Torchek

Date: November 23 2004

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3. Description of the interest conveyed:
XX Assignment Change of Name
 Security Agreement Merger
 Other
4. These documents are being filed in pending patent application U.S. Serial No. 10/443,276, filed May 22, 2003.
5. Name and address of Party to whom correspondence concerning this document should be mailed:

James W. McKee, Esq.
FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP
1100 Superior Avenue, Seventh Floor
Cleveland, Ohio 44114-2518

6. One patent application(s) is/are involved.

7. Amount of fee enclosed: \$ 40.00.

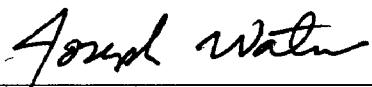
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0308.

8. The assignment shows it was signed on: November 3, 2004
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
10. Total number of pages enclosed: 5.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

Date: 23 November 2004



Joseph E. Waters, Reg. No. 50,427
James W. McKee, Reg. No. 26,482
1100 Superior Avenue, Seventh Floor
Cleveland, OH 44114-2518
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ASSIGNMENT

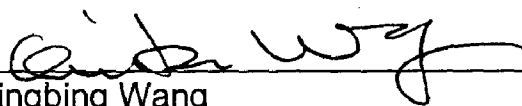
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, the undersigned, **Satyendra Kumar**, of 1981 Crossfield Circle, Kent, Ohio 44240, **Qingbing Wang**, of 6800 Alpha Drive, Apt. 398, Kent, Ohio 44240, who have created a certain invention for which a U.S. Patent Application has been

☐ executed concurrently herewith
☐ executed on
X filed May 22, 2003 and assigned Application Serial No. 10/443,276
and is entitled

**POLYMER ENHANCED LIQUID CRYSTAL DEVICES BUILT
WITH RIGID OR FLEXIBLE SUBSTRATES**

hereby sell, assign and transfer to **Kent State University**, ("Assignee"), having a place of business at **145 Auditorium Building, P. O. Box 5190, Kent, Ohio 44242-0001**, 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 the provisional application 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 Inventors 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 Inventors could have done if the foreign application had been filed in the names of the Inventors, and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventors authorize and request 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 Inventors covenant that Inventors have the full right to convey the said entire interest herein assigned and that Inventors have not executed and will not execute any agreement in conflict herewith, and Inventors will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts


Signed at KENT on Nov 3rd, 2004.



Qingbing Wang

State of)
)ss:
County of)

On this 3 day of November, before me personally came Qingbing Wang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Seal

CAROL M. TONCAR
Notary Public, State of Ohio
My commission expires December 16, 2008