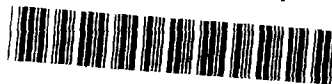


12-05-2001

Docket No.: UDC-21301



EET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

101907904

FORM PTO-1566 (Modified)  
(Rev. 03-01)  
OMB No. 0561-0027 (exp. 5/31/2002)  
P05RREV03

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Jeffrey Alan Silvernail  
Michael Stuart Weaver

## 2. Name and address of receiving party(ies):

Name: Universal Display Corporation

Internal Address: \_\_\_\_\_

Street Address: 375 Phillips BoulevardCity: Ewing State: NJ ZIP: 08618Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: 11/12/01 Silvernail, Weaver

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Neil M. McCarthyInternal Address: Mayer Fortkort & Williams, PC12/04/2001 6TDN11 00000232 501047 09994408

01 FC:581 40.00 CH

Street Address: 251 North Avenue West, 2nd FloorCity: Westfield State: NJ ZIP: 070906. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-1047

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

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.

Neil M. McCarthy (Reg. No. 43,435)

Name of Person Signing

Neil M. McCarthy

Signature

November 27, 2001

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks Box Assignments

PATENT

REEL: 012329 FRAME: 0104

ASSIGNMENT

WHEREAS, we,

- 1) Jeffrey Alan Silvernail, a U.S. citizen;
- 2) Michael Stuart Weaver, a U.K. citizen;

residing at

- 1) 1905 South Crescent Boulevard, Yardley, PA 19067
- 2) 1606 Jonathan Court, Princeton, NJ 08540

respectively; (hereinafter after referred to as "the Assignors"); have invented new and useful improvements in **PROTECTED ORGANIC OPTOELECTRONIC DEVICES**, for which application for Letters Patent of the United States has been executed by the inventors on the date of execution of this Assignment; and

WHEREAS, UNIVERSAL DISPLAY CORPORATION, organized and existing under and by virtue of the laws of the State of Pennsylvania, having an office at 375 Phillips Blvd., Ewing, NJ 08618, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained.

NOW THEREFORE, in consideration of valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the

name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, we have hereunto set our signatures representing our hands and seals on the respective date(s) indicated.

(1)  Date 11/12/01  
Jeffrey Alan Silvernail

(2)  Date 11/12/01  
Michael Stuart Weaver