

04-21-2004

Form PTO-1595

(Rev. 10/02)

RE

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

102726494

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 D. Muhs John K. Jordan
 Dennis D. Earl Randall F. Lind
 David L. Beshears
 Lonnie C. Maxey

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: UT-Battelle, LLC

Internal Address: P.O. Box 2008

Bldg. 4500N, MS-6258

Street Address: One Bethel Valley Road

City: Oak Ridge State: TN Zip: 37831-6258

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 4-14-2004

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

If this document is being filed together with a new application, the execution date of the application is: 4-14-2004

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: Kirk A. Wilson

Internal Address: P.O. Box 2008

Bldg. 4500N, MS-6258

Street Address: One Bethel Valley Road

City: Oak Ridge State: TN Zip: 37831-6258

6. Total number of applications and patents involved: ☐ 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

13-1958

DO NOT USE THIS SPACE

9. Signature.

Kirk A. Wilson

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

04/20/2004 GTDM11 00000144 131958 10824291

01 FC:0021

40.00 DA

PATENT
REEL: 015225 FRAME: 0485

ASSIGNMENT

WHEREAS, we the below-named inventors whose residence and post office are as stated below, have invented certain new and useful improvements in

Hybrid Solar Lighting Distribution Systems and Components

(hereinafter referred to as "Subject Invention") for which an application for United States Letters Patent was executed by us on even date herewith, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in accordance with the terms of our employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign to ASSIGNEE our entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefor on the Subject Invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

Full name of inventor: Jeffrey D. Muhs

Signature: Jeffrey D. Muhs Date: 4-7-04

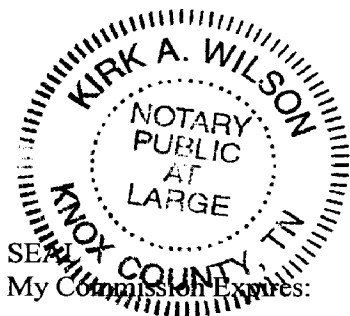
Residence: Lenoir City, Tennessee

Post Office Address: 4023 Hwy 70E, Lenoir City, Tennessee 37771

State of Tennessee)
County of Roane)

On this 7th day of April, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Jeffrey D. Muhs to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Kirk A. Wilson
Notary Public

**MY COMMISSION EXPIRES
MARCH 30, 2005**

Full name of inventor: Dennis D. Earl

Signature: *Dennis D. Earl* Date: 04/14/2004

Residence: Knoxville, Tennessee

Post Office Address: 913 View Harbour Road, Knoxville, Tennessee 37922

State of Tennessee)
County of ROANE)

On this 14 day of April, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Dennis D. Earl to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Mark A. Wilson
Notary Public

**MY COMMISSION EXPIRES
MARCH 30, 2005**

Full name of inventor: David L. Beshears

Signature: David L. Beshears Date: 4/7/04

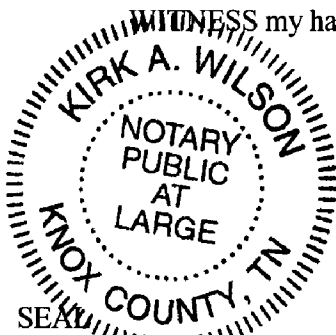
Residence: Knoxville, Tennessee

Post Office Address: 723 Sunnydale Road, Knoxville, Tennessee 37923

State of Tennessee)
County of ROANE)

On this 7 day of April, 20 04, before me, a Notary Public in and for the County and State aforesaid, appeared David L. Beshears to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Kirk A Wilson
Notary Public

**MY COMMISSION EXPIRES
MARCH 30, 2005**

My Commission Expires:

Full name of inventor: Lonnie C. Maxey

Signature: Lonnie C. Maxey Date: 4-7-04

Residence: Powell, Tennessee

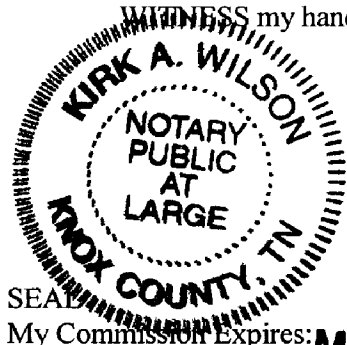
Post Office Address: 7907 Camberley Drive, Powell, Tennessee 37849

State of Tennessee)

County of ROANE)

On this 7th day of April, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Lonnie C. Maxey to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Kirk A. Wilson
Notary Public

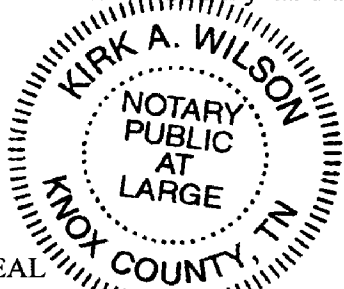
SEAL
My Commission Expires: **MY COMMISSION EXPIRES
MARCH 30, 2005**

Full name of inventor: John K. Jordan
 Signature: *John K. Jordan* Date: 4/8/04
 Residence: Oak Ridge, Tennessee
 Post Office Address: 103 Elliott Circle, Oak Ridge, Tennessee 37830

State of Tennessee)
 County of ROANE)

On this 8th day of April, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared John K. Jordan to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Kirk A. Wilson
 Notary Public

SEAL
 My Commission Expires:

**MY COMMISSION EXPIRES
 MARCH 30, 2005**

Full name of inventor: Randall F. Lind

Signature: [Handwritten Signature] Date: 4/7/04

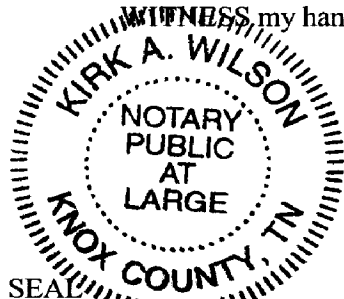
Residence: Lenoir City, Tennessee

Post Office Address: 14297 Virtue Road, Lenoir City, Tennessee 37772

State of Tennessee)
County of Roscoe)

On this 7th day of April, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared Randall F. Lind to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

~~WITNESS~~ my hand and seal the day and year last above given.



[Handwritten Signature: Kirk A. Wilson]
Notary Public

My Commission Expires:

**MY COMMISSION EXPIRES
MARCH 30, 2005**