



12-19-2000



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PATENTS ONLY

12-8-00

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

1. Name of conveying party(ies):

GUEORGUI L. GROUEV
an individual residing at
805 South Dwyer Avenue
Arlington Heights, IL 60005

PETER W. SHACKLE
an individual residing at
4124 North Terramere Avenue
Arlington Heights, IL 60004

2. Name and Address of receiving Party(ies):

ENERGY SAVINGS, INC.
a corporation of Delaware, U.S.A.
having a principal place of business at
2266 North Palmer Drive
Schaumburg, Illinois 60173 U.S.A.

3. Nature of conveyance:



Assignment



Change of Name

Other:



Security Agreement



Merger

Execution Date: November 30, 20004. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

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

Date: _____

A. Patent Application No. :

09/613,919

Filed:

July 11, 2000

B. Patent No(s)

5. Name and address to whom correspondence should be sent concerning document should be mailed:

Paul F. Wille
6407 East Clinton Street
Scottsdale, Arizona 85254

Total number of patents involved:

1

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



Enclosed



Authorized to be charged to deposit account

8. Deposit account number (Attach duplicate copy of this form 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.

Paul F. Wille

Name of person signing

Paul F. Wille

Signature

Dec. 5, 2000

Date

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

5

ASSIGNMENT

This Assignment is made and executed this the ____ day of November, 2000, by and between:

GUEORGUI L. GROUEV)
an individual residing at)
805 South Dwyer Avenue)
Arlington Heights, Illinois 60005) Hereinafter referred
) to as "ASSIGNORS"
PETER W. SHACKLE)
an individual residing at)
4124 North Terramere Avenue)
Arlington Heights, Illinois 60004)

and

ENERGY SAVINGS, INC.)
a corporation of Delaware, U.S.A.) Hereinafter referred
having a principal place of business at) to as "ASSIGNEE"
2266 North Palmer Drive)
Schaumburg, Illinois 60173 U.S.A.)

WITNESSETH:

WHEREAS, ASSIGNORS are the joint inventors of the improvements described and claimed in the application for United States Letters Patent Serial No. **09/613,919**, filed **July 11, 2000**, and entitled *Electronic Ballast with Cross-Coupled Outputs*, hereinafter referred to as "PATENT RIGHTS;"

WHEREAS, ASSIGNORS desire to assign all right, title and interest in and to the above identified PATENT RIGHTS to ASSIGNEE;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other valuable consideration, the receipt of which is hereby acknowledged:

1. ASSIGNORS do hereby sell and assign to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the improvements described and claimed in the above identified PATENT RIGHTS, including: (a) any and all domestic and foreign patents and applications therefor based upon said improvements; (b) any and all divisions, reissues, continuations, continuations-in-part, and extensions based upon the above-identified patents and applications therefor; and (c) any and all rights of priority resulting from the filing of any of the above-identified patent applications in the United States or any foreign country;

2. ASSIGNORS hereby authorize and request any official whose duty it is to issue patents to issue any patent or any reissued patent which may be based upon the improvements described and claimed in the above-identified PATENT RIGHTS to ASSIGNEE or its successors or assigns; and

3. ASSIGNORS hereby agree upon request and without further consideration, but at the expense of ASSIGNEE: (a) to communicate to ASSIGNEE, or its representatives or nominees, any facts known to ASSIGNORS relating to the above-identified PATENT RIGHTS; (b) to testify in any

legal proceeding relating to the above-identified PATENT RIGHTS; (c) to sign and execute all lawful papers and to make all lawful oaths relating to the above-identified PATENT RIGHTS, including documents relating to divisional, continuing, reissue and foreign applications; and (d) to perform all acts reasonably necessary to aid ASSIGNEE, its successors, assigns and nominees in obtaining and enforcing patent protection in the United States and foreign countries covering those improvements described and claimed in the above-identified PATENT RIGHTS.

G. Groev

GUEORGUI L. GROUEV

State of Illinois)
) ss.
 County of Cook)

On this the 28 day of November, 2000, before me the undersigned, personally appeared GUEORGUI L. GROUEV, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the foregoing instrument for the purposes therein contained.



Notary Public

My commission expires:

6-20-04

PETER W. SHACKLE

State of Illinois)
) ss.
 County of Cook)

On this the _____ day of November, 2000, before me the undersigned, personally appeared PETER W. SHACKLE, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the foregoing instrument for the purposes therein contained.

Notary Public

My commission expires:

ASSIGNMENT

This Assignment is made and executed this the 30 day of November, 2000, by and between:

GUEORGUI L. GROUEV)
an individual residing at)
805 South Dwyer Avenue)
Arlington Heights, Illinois 60005) Hereinafter referred
) to as "ASSIGNORS"
PETER W. SHACKLE)
an individual residing at)
4124 North Terramere Avenue)
Arlington Heights, Illinois 60004)

and

ENERGY SAVINGS, INC.)
a corporation of Delaware, U.S.A.) Hereinafter referred
having a principal place of business at) to as "ASSIGNEE"
2266 North Palmer Drive)
Schaumburg, Illinois 60173 U.S.A.)

WITNESSETH:

WHEREAS, ASSIGNORS are the joint inventors of the improvements described and claimed in the application for United States Letters Patent Serial No. **09/613,919**, filed **July 11, 2000**, and entitled *Electronic Ballast with Cross-Coupled Outputs*, hereinafter referred to as "PATENT RIGHTS;"

WHEREAS, ASSIGNORS desire to assign all right, title and interest in and to the above identified PATENT RIGHTS to ASSIGNEE;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other valuable consideration, the receipt of which is hereby acknowledged:

1. ASSIGNORS do hereby sell and assign to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the improvements described and claimed in the above identified PATENT RIGHTS, including: (a) any and all domestic and foreign patents and applications therefor based upon said improvements; (b) any and all divisions, reissues, continuations, continuations-in-part, and extensions based upon the above-identified patents and applications therefor; and (c) any and all rights of priority resulting from the filing of any of the above-identified patent applications in the United States or any foreign country;

2. ASSIGNORS hereby authorize and request any official whose duty it is to issue patents to issue any patent or any reissued patent which may be based upon the improvements described and claimed in the above-identified PATENT RIGHTS to ASSIGNEE or its successors or assigns; and

3. ASSIGNORS hereby agree upon request and without further consideration, but at the expense of ASSIGNEE: (a) to communicate to ASSIGNEE, or its representatives or nominees, any facts known to ASSIGNORS relating to the above-identified PATENT RIGHTS; (b) to testify in any

legal proceeding relating to the above-identified PATENT RIGHTS; (c) to sign and execute all lawful papers and to make all lawful oaths relating to the above-identified PATENT RIGHTS, including documents relating to divisional, continuing, reissue and foreign applications; and (d) to perform all acts reasonably necessary to aid ASSIGNEE, its successors, assigns and nominees in obtaining and enforcing patent protection in the United States and foreign countries covering those improvements described and claimed in the above-identified PATENT RIGHTS.

GUEORGUI L. GROUEV

State of Illinois)
) ss.
County of Cook)

On this the _____ day of November, 2000, before me the undersigned, personally appeared GUEORGUI L. GROUEV, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the foregoing instrument for the purposes therein contained.

Notary Public

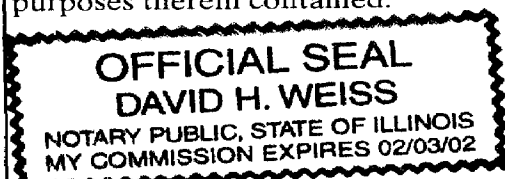
My commission expires: _____

Peter W. Shackle

PETER W. SHACKLE

State of Illinois)
) ss.
County of Cook)

On this the 3rd day of November, 2000, before me the undersigned, personally appeared PETER W. SHACKLE, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the foregoing instrument for the purposes therein contained.



David H. Weiss

Notary Public

My commission expires: _____

2-03-2002