

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lars G. Svensson</td> <td>10/11/1999</td> </tr> <tr> <td>William C. Athas</td> <td>11/15/1999</td> </tr> <tr> <td>Rajat K. Lal</td> <td>10/21/1999</td> </tr> </tbody> </table>		Name	Execution Date	Lars G. Svensson	10/11/1999	William C. Athas	11/15/1999	Rajat K. Lal	10/21/1999				
Name	Execution Date												
Lars G. Svensson	10/11/1999												
William C. Athas	11/15/1999												
Rajat K. Lal	10/21/1999												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Southern California</td> </tr> <tr> <td>Street Address:</td> <td>USC Stevens - Hughes Center Suite EEB 131</td> </tr> <tr> <td>Internal Address:</td> <td>3740 McClintock Avenue</td> </tr> <tr> <td>City:</td> <td>Los Angeles</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>90089-2561</td> </tr> </table>		Name:	University of Southern California	Street Address:	USC Stevens - Hughes Center Suite EEB 131	Internal Address:	3740 McClintock Avenue	City:	Los Angeles	State/Country:	CALIFORNIA	Postal Code:	90089-2561
Name:	University of Southern California												
Street Address:	USC Stevens - Hughes Center Suite EEB 131												
Internal Address:	3740 McClintock Avenue												
City:	Los Angeles												
State/Country:	CALIFORNIA												
Postal Code:	90089-2561												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11283292</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11283292								
Property Type	Number												
Application Number:	11283292												
CORRESPONDENCE DATA													
Fax Number: (310)277-4730 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 310 788 1569 Email: jsbrown@mwe.com Correspondent Name: Marc E. Brown Address Line 1: McDermott Will & Emery LLP Address Line 2: 2049 Century Park East, Suite 3800 Address Line 4: Los Angeles, CALIFORNIA 90067													
ATTORNEY DOCKET NUMBER:	028080-0236												
NAME OF SUBMITTER:	Marc E. Brown												
Total Attachments: 9													

CH \$40.00 11283292

500974203

PATENT
REEL: 023294 FRAME: 0422

source=236Assignment#page1.tif
source=236Assignment#page2.tif
source=236Assignment#page3.tif
source=236Assignment#page4.tif
source=236Assignment#page5.tif
source=236Assignment#page6.tif
source=236Assignment#page7.tif
source=236Assignment#page8.tif
source=236Assignment#page9.tif

ASSIGNMENT

WHEREAS, WE, Lars G. SVENSSON, William C. ATHAS and Rajat K. LAL, the undersigned inventors (ASSIGNORS), have invented POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, for which we filed two provisional applications: (1) U.S. Provisional Application Serial No. 60/143,665, entitled A MECHANISM FOR POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, filed July 14, 1999, and (2) U.S. Provisional Application Serial No. 60/099,120, entitled POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, filed September 3, 1998, as well as an application for letters patent of the United States filed on September 3, 1999, Serial No. 09/398,841;

WHEREAS, THE UNIVERSITY OF SOUTHERN CALIFORNIA (ASSIGNEE) is a not-for-profit corporation organized and existing under the laws of California, its Patent and Copyright Administration Office having a place of business at 3716 South Hope Street, Suite 313, Los Angeles, California 90007-4344. ASSIGNEE desires to acquire and has acquired the entire right, title and interest in and to the inventions, applications and letters patent to be granted and issued for the inventions and applications;

NOW, THEREFORE, for valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we, the ASSIGNORS, have assigned and do hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors and assigns, the entire right, title and interest:

in and to the inventions thereon,

in and to the provisional applications disclosing the inventions,

in and to the application for letters patent thereon,

in and to applications pertaining to or based upon the inventions and applications, including divisional and continuing applications and continuations-in-part,

in and to any and all letters patent which may be granted and issued on the inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all foreign countries, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment, and

in and to any right to sue for past infringement of the inventions, improvements, applications and letters patent.

We agree that we will, at the request of the ASSIGNEE, execute any and all applications for letters patent for the inventions and any and all other papers and documents and do all other and further lawful acts that the ASSIGNEE may deem necessary or desirable to obtain letters patent on the inventions, to secure the grant of such letters patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and letters patent.

We authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, letters patent for the the inventions before competent

International Authorities including the World Intellectual Property Organization, and in any and all foreign countries in which applications for letters patent can be so made or letters patent so obtained.

Dated: Oct 11, 1999

Lars Svensson
 Name: Lars G. SVENSSON
 Address: Sten Sureg. 36 7 Tr.,
 S 412 52 Gothenburg, Sweden

WITNESSED BY:

Dated: Oct 11, 1999

Hans Lindkvist
 Name: Hans Lindkvist
 Address: Höngården 5
SE-224-72 LUND
 Country: Sweden

Dated: _____, 1999

 Name: William C. ATHAS
 Address: 437 Camino de las Colinas
 Redondo Beach, California 90277

STATE OF California }
 COUNTY OF Los Angeles } ss.

On _____, 1999 personally appeared William C. ATHAS, ☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

 Notary Public

(SEAL)

Dated: _____, 1999

Name: Rajat K. LAL

Address: 6150 Camperbury Drive, Apt. 213

Culver City, California 90231

STATE OF California

COUNTY OF Los Angeles

} ss.
}

On _____, 1999 personally appeared Rajat K. LAL, ☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

(SEAL)

ASSIGNMENT

WHEREAS, WE, Lars G. SVENSSON, William C. ATHAS and Rajat K. LAL, the undersigned inventors (ASSIGNORS), have invented POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, for which we filed two provisional applications: (1) U.S. Provisional Application Serial No. 60/143,665, entitled A MECHANISM FOR POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, filed July 14, 1999, and (2) U.S. Provisional Application Serial No. 60/099,120, entitled POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, filed September 3, 1998, as well as an application for letters patent of the United States filed on September 3, 1999, Serial No. 09/398,841;

WHEREAS, THE UNIVERSITY OF SOUTHERN CALIFORNIA (ASSIGNEE) is a not-for-profit corporation organized and existing under the laws of California, its Patent and Copyright Administration Office having a place of business at 3716 South Hope Street, Suite 313, Los Angeles, California 90007-4344. ASSIGNEE desires to acquire and has acquired the entire right, title and interest in and to the inventions, applications and letters patent to be granted and issued for the inventions and applications;

NOW, THEREFORE, for valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we, the ASSIGNORS, have assigned and do hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors and assigns, the entire right, title and interest:

in and to the inventions thereon,

in and to the provisional applications disclosing the inventions,

in and to the application for letters patent thereon,

in and to applications pertaining to or based upon the inventions and applications, including divisional and continuing applications and continuations in-part,

in and to any and all letters patent which may be granted and issued on the inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all foreign countries, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment, and

in and to any right to sue for past infringement of the inventions, improvements, applications and letters patent.

We agree that we will, at the request of the ASSIGNEE, execute any and all applications for letters patent for the inventions and any and all other papers and documents and do all other and further lawful acts that the ASSIGNEE may deem necessary or desirable to obtain letters patent on the inventions, to secure the grant of such letters patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and letters patent.

We authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, letters patent for the the inventions before competent International Authorities including the World Intellectual Property Organization and in any and

all foreign countries in which applications for letters patent can be so made or letters patent so obtained.

Dated: _____, 1999

Name: Lars G. SVENSSON
Address: Sten Sureg. 36 7 Tr.,
S 412 52 Gothenburg, Sweden

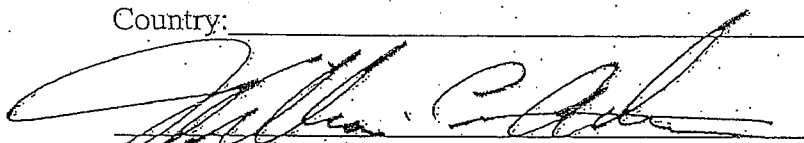
WITNESSED BY:

Dated: _____

Name: _____
Address: _____

Country: _____

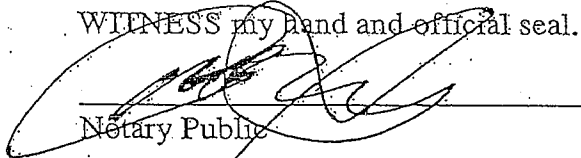
Dated: 11/15, 1999


Name: William C. ATHAS
Address: 437 Camino de las Colinas
Redondo Beach, California 90277

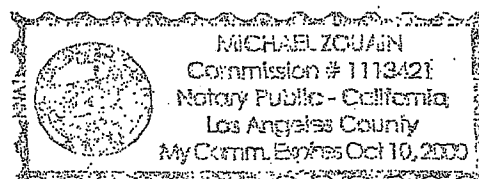
STATE OF California) ss.
COUNTY OF Los Angeles)

On Nov. 15, 1999 personally appeared William C. ATHAS, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public

(SEAL)



Dated: _____, 1999

Name: Rajat K. LAL

Address: 6150 Canterbury Drive, Apt. 213
Culver City, California 90230

STATE OF California)

COUNTY OF Los Angeles) ss.

On _____, 1999 personally appeared Rajat K. LAL, ☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

(SEAL)

ASSIGNMENT

WHEREAS, WE, Lars G. SVENSSON, William C. ATHAS and Rajat K. LAL, the undersigned inventors (ASSIGNORS), have invented POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, for which we filed two provisional applications: (1) U.S. Provisional Application Serial No. 60/143,665, entitled A MECHANISM FOR POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, filed July 14, 1999, and (2) U.S. Provisional Application Serial No. 60/099,120, entitled POWER-EFFICIENT, PULSED DRIVING OF CAPACITIVE LOADS TO CONTROLLABLE VOLTAGE LEVELS, filed September 3, 1998, as well as an application for letters patent of the United States filed on September 3, 1999, Serial No. 09/398,841;

WHEREAS, THE UNIVERSITY OF SOUTHERN CALIFORNIA (ASSIGNEE) is a not-for-profit corporation organized and existing under the laws of California, its Patent and Copyright Administration Office having a place of business at 3716 South Hope Street, Suite 313, Los Angeles, California 90007-4344. ASSIGNEE desires to acquire and has acquired the entire right, title and interest in and to the inventions, applications and letters patent to be granted and issued for the inventions and applications;

NOW, THEREFORE, for valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we, the ASSIGNORS, have assigned and do hereby sell, assign, transfer and set over unto the ASSIGNEE, its successors and assigns, the entire right, title and interest:

in and to the inventions thereon,

in and to the provisional applications disclosing the inventions,

in and to the application for letters patent thereon,

in and to applications pertaining to or based upon the inventions and applications, including divisional and continuing applications and continuations-in-part,

in and to any and all letters patent which may be granted and issued on the inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all foreign countries, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment, and

in and to any right to sue for past infringement of the inventions, improvements, applications and letters patent.

We agree that we will, at the request of the ASSIGNEE, execute any and all applications for letters patent for the inventions and any and all other papers and documents and do all other and further lawful acts that the ASSIGNEE may deem necessary or desirable to obtain letters patent on the inventions, to secure the grant of such letters patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and letters patent.

We authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, letters patent for the inventions before competent International Authorities including the World Intellectual Property Organization and in any and

all foreign countries in which applications for letters patent can be so made or letters patent so obtained.

Dated: _____, 1999

Name: Lars G. SVENSSON
Address: Sten Sureg. 36.7 Tr.,
S 412 52 Gothenburg, Sweden

WITNESSED BY:

Dated: _____

Name: _____
Address: _____
Country: _____

Dated: _____, 1999

Name: William C. ATHAS
Address: 437 Camino de las Colinas
Redondo Beach, California 90277

STATE OF California) ss.
COUNTY OF Los Angeles)

On _____, 1999 personally appeared William C. ATHAS, ☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

(SEAL)

Dated: 10/21, 1999

[Signature]
Name: Rajat K. LAL
Address: 6150 Canterbury Drive, Apt. 213
Culver City, California 90230

STATE OF California)) ss.
COUNTY OF Los Angeles)

On 10/21, 1999 personally appeared Rajat K. LAL, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal:

[Signature]
Notary Public

(SEAL)

