

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lars G. Svensson</td> <td>06/21/2000</td> </tr> <tr> <td>William C. Athas</td> <td>06/21/2000</td> </tr> </tbody> </table>		Name	Execution Date	Lars G. Svensson	06/21/2000	William C. Athas	06/21/2000
Name	Execution Date						
Lars G. Svensson	06/21/2000						
William C. Athas	06/21/2000						
RECEIVING PARTY DATA							
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>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11673934</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11673934		
Property Type	Number						
Application Number:	11673934						
CORRESPONDENCE DATA							
Fax Number:	(310)277-4730						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Email:	jsbrown@mwe.com						
Correspondent Name:	Marc E. Brown						
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Address Line 2:	2049 Century Park East, Suite 3800						
Address Line 4:	Los Angeles, CALIFORNIA 90067						
ATTORNEY DOCKET NUMBER:	028080-0261						
NAME OF SUBMITTER:	Marc E. Brown						

Total Attachments: 4
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**PATENT
 REEL: 022025 FRAME: 0439**

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ASSIGNMENT

WHEREAS, WE, Lars G. SVENSSON and William C. ATHAS, the undersigned inventors (ASSIGNORS), have invented LINE REFLECTION REDUCTION WITH ENERGY-RECOVERY DRIVER, for which we filed a provisional application, U.S. Provisional Application Serial No. 60/125,580, entitled LINE REFLECTION CANCELLATION WITH ENERGY-RECOVERY DRIVER, filed March 22, 1999, as well as an application for letters patent of the United States filed on March 21, 2000, Serial No. 09/532,798;

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: June 21, 2000

Lars Svensson

Name: Lars G. SVENSSON
Address: Sten Sureg. 367 Tr.,
S 412 52 Gothenburg, Sweden

WITNESSED BY:

Dated: June 21 2000

Bertil Roslund

Name: Bertil Roslund
Address: Tordmulev. 7B, 227 35 Lund
Country: Sweden

Dated: _____, 2000

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)

Notary Public

(SEAL)

ASSIGNMENT

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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

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Dated: _____, 2000

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

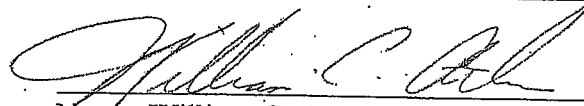
WITNESSED BY:

Dated: _____

Name: _____
Address: _____

Country: _____

Dated: June 21, 2000

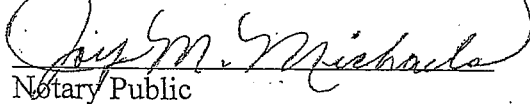


Name: William C. ATHAS
Address: 437 Camino de las Colinas
Redondo Beach, California 90277

STATE OF California)
COUNTY OF Los Angeles } ss.

On JUNE 21, 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

Notary Public

(SEAL)

(SEAL)

