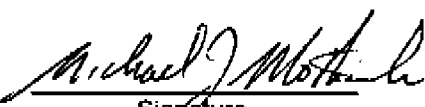
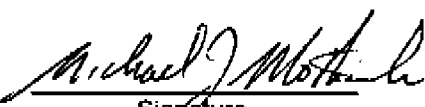
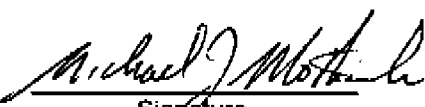


Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Jan-Roger Linna 10/11/04 Peter Palmer 10/8/04 John Paul Mello 10/8/04 Stuart Bennett Sprague 10/7/04 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Chrysalis Technologies Incorporated</u> Internal Address: _____ _____ Street Address: <u>7801 Whitepine Road</u> _____ City: <u>Richmond</u> State: <u>VA</u> Zip: <u>23237</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>see above</u>					
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: _____ A. Patent Application No.(s) <u>10/758,445</u> _____ B. Patent No.(s) _____ _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Michael J. Mlotkowski, Esq.</u> Internal Address: <u>Roberts Mlotkowski & Hobbes</u> <u>8270 Greensboro Drive, Suite 850</u> _____ Street Address: <u>8270 Greensboro Drive</u> <u>Suite 850</u> City: <u>McLean</u> State: <u>VA</u> Zip: <u>22102</u>	6. Total number of applications and patents involved: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>502478</u>				
DO NOT USE THIS SPACE					
9. Signature. <table style="width:100%; border: none;"> <tr> <td style="width:35%; border: none;"> <u>Michael J. Mlotkowski</u> Name of Person Signing </td> <td style="width:35%; border: none; text-align: center;">  Signature </td> <td style="width:30%; border: none; text-align: right;"> <u>10/14/2004</u> Date </td> </tr> </table> Total number of pages including cover sheet, attachments, and documents: 10			<u>Michael J. Mlotkowski</u> Name of Person Signing	 Signature	<u>10/14/2004</u> Date
<u>Michael J. Mlotkowski</u> Name of Person Signing	 Signature	<u>10/14/2004</u> Date			

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

CH \$40.00 502478 10758445

Attorney Docket Nos. 11129

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by 1) Jan-Roger Linna, 2) Peter Palmer, 3) John Paul Mello, and 4) Stuart Bennett Sprague (hereinafter referred to as "the Assignors"), residing at 1) 48 Clearway Street, Apt. #6, Boston, MA 02115; 2) 12 Industrial Pkwy Unit B-1, Carson City, NV 89706-7750; 3) 159 Trapelo Road, Belmont, MA 02478; and 4) 5920 College Ave. #4, Oakland, CA 94618, respectively, witnesseth:

WHEREAS, the Assignors have made certain new and useful inventions in INTERNAL COMBUSTION ENGINE TRANSIENT FUEL CONTROL set forth in an application for Letters Patent of the United States of America, [] having an oath or declaration executed on even date herewith; [x] bearing Serial No. 10/758,445, filed on January 15, 2004; and

WHEREAS, CHRYSALIS TECHNOLOGIES INCORPORATED, a corporation duly organized under and pursuant to the laws of the State of Virginia and having an office and place of business at 7801 Whitepine Road, Richmond, Virginia 23237, is desirous of acquiring the entire right, title, and interest in and to the inventions for the United States and the application for Letters Patent of the United States, and in and to any United States Letters Patent or Patents, to be obtained therefor and thereon; and

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

ASSIGNMENT OF UNITED STATES PATENT RIGHTS

We do hereby sell, assign and transfer unto CHRYSALIS TECHNOLOGIES INCORPORATED, its successors, assigns and legal representatives, all right, title, and interest in and to the inventions, for the United States, and in and to the United States patent application, including any continuations and divisions thereof, and any substitute applications therefor and any United States patents which may issue thereon and any reissues and extensions of the same; and we hereby authorize and request the Commissioner of Patents to grant and issue any and all patents on the inventions in the United States to CHRYSALIS TECHNOLOGIES INCORPORATED as the assignee thereof.

ASSIGNMENT OF FOREIGN PATENT RIGHTS

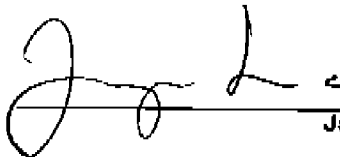

Further in view of the consideration hereinabove referred to, we do hereby sell, assign, and transfer unto CHRYSALIS TECHNOLOGIES INCORPORATED, its successors, assigns and legal representatives, all right, title and interest in and to the inventions for all countries foreign to the United States, including the right to claim priority under the International Convention based on the United States patent application, and in and to any foreign patent application, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any foreign patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on the inventions in any foreign country to CHRYSALIS TECHNOLOGIES INCORPORATED as the assignee thereof.

We further agree to execute upon request of the assignee CHRYSALIS TECHNOLOGIES INCORPORATED such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in the United States, and to execute upon request of assignee CHRYSALIS TECHNOLOGIES INCORPORATED such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in countries foreign to the United States, and to otherwise give full effect to and perfect the rights of the assignee CHRYSALIS TECHNOLOGIES INCORPORATED in the United States and of assignee CHRYSALIS TECHNOLOGIES INCORPORATED in countries foreign to the United States.

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and any and all applications for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that the Assignors will, whenever counsel of the assignees, or counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with the inventions or any and all applications for Letters Patent, or any proceeding in connection with Letters Patent for the inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for the inventions, without charge to the assignees, their successors, legal representatives, and assigns, but at the cost and expense of the assignees, their successors, legal representatives, and assigns;

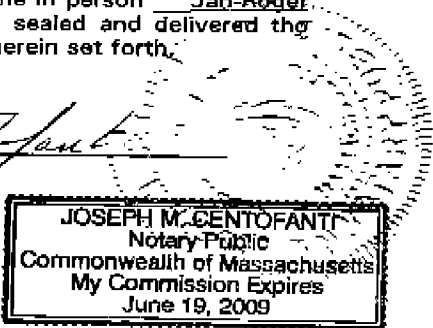
IN TESTIMONY THEREOF, we have hereunto signed our names on the dates hereinafter indicated:

Date	Name of Assignor
<u>10-11-04</u>	 _____ Jan-Roger Linna
_____	_____
<u>10-8-04</u>	 _____ John Paul Mello
_____	_____
	Stuart Bennett Sprague

STATE OF MASSACHUSETTS)
COUNTY/CITY OF MIDDLESEX) : ss

On this 11th day of OCTOBER, 2004, appeared before me in person Jan-Roger Linna, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: JUNE 19 2009 Joseph M. Centofanti
NOTARY PUBLIC



STATE OF _____)
COUNTY/CITY OF _____) : ss

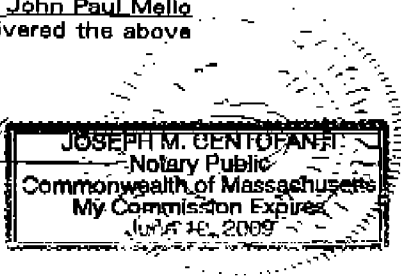
On this _____ day of _____, 2004, appeared before me in person Peter Palmer, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: _____
NOTARY PUBLIC

STATE OF MASSACHUSETTS)
COUNTY/CITY OF MIDDLESEX) : ss

On this 8th day of OCTOBER, 2004, appeared before me in person John Paul Mello, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: JUNE 19 2009 Joseph M. Centofanti
NOTARY PUBLIC



STATE OF _____)
COUNTY/CITY OF _____) : ss

On this _____ day of _____, 2004, appeared before me in person Stuart Bennett Sprague, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: _____
NOTARY PUBLIC

Attorney Docket Nos. 11129

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by 1) Jan-Roger Linna, 2) Peter Palmer, 3) John Paul Mello, and 4) Stuart Bennett Sprague (hereinafter referred to as "the Assignors"), residing at 1) 48 Clearway Street, Apt. #6, Boston, MA 02115; 2) 12 Industrial Pkwy Unit B-1, Carson City, NV 89706-7750; 3) 159 Trapelo Road, Belmont, MA 02478; and 4) 5920 College Ave. #4, Oakland, CA 94618, respectively, witnesseth:

WHEREAS, the Assignors have made certain new and useful inventions in INTERNAL COMBUSTION ENGINE TRANSIENT FUEL CONTROL set forth in an application for Letters Patent of the United States of America, [] having an oath or declaration executed on even date herewith; [x] bearing Serial No. 10/758,445, filed on January 15, 2004; and

WHEREAS, CHRYSALIS TECHNOLOGIES INCORPORATED, a corporation duly organized under and pursuant to the laws of the State of Virginia and having an office and place of business at 7801 Whitepine Road, Richmond, Virginia 23237, is desirous of acquiring the entire right, title, and interest in and to the inventions for the United States and the application for Letters Patent of the United States, and in and to any United States Letters Patent or Patents, to be obtained therefor and thereon; and

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

ASSIGNMENT OF UNITED STATES PATENT RIGHTS

We do hereby sell, assign and transfer unto CHRYSALIS TECHNOLOGIES INCORPORATED, its successors, assigns and legal representatives, all right, title, and interest in and to the inventions, for the United States, and in and to the United States patent application, including any continuations and divisions thereof, and any substitute applications therefor and any United States patents which may issue thereon and any reissues and extensions of the same; and we hereby authorize and request the Commissioner of Patents to grant and issue any and all patents on the inventions in the United States to CHRYSALIS TECHNOLOGIES INCORPORATED as the assignee thereof.

ASSIGNMENT OF FOREIGN PATENT RIGHTS

Further in view of the consideration hereinabove referred to, we do hereby sell, assign, and transfer unto CHRYSALIS TECHNOLOGIES INCORPORATED, its successors, assigns and legal representatives, all right, title and interest in and to the inventions for all countries foreign to the United States, including the right to claim priority under the International Convention based on the United States patent application, and in and to any foreign patent application, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any foreign patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on the inventions in any foreign country to CHRYSALIS TECHNOLOGIES INCORPORATED as the assignee thereof.

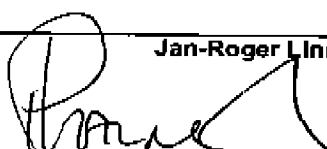
We further agree to execute upon request of the assignee CHRYSALIS TECHNOLOGIES INCORPORATED such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in the United States, and to execute upon request of assignee CHRYSALIS TECHNOLOGIES INCORPORATED such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in countries foreign to the United

States, and to otherwise give full effect to and perfect the rights of the assignee CHRYSALIS TECHNOLOGIES INCORPORATED in the United States and of assignee CHRYSALIS TECHNOLOGIES INCORPORATED in countries foreign to the United States.

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and any and all applications for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that the Assignors will, whenever counsel of the assignees, or counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with the inventions or any and all applications for Letters Patent, or any proceeding in connection with Letters Patent for the inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for the inventions, without charge to the assignees, their successors, legal representatives, and assigns, but at the cost and expense of the assignees, their successors, legal representatives, and assigns;

IN TESTIMONY THEREOF, we have hereunto signed our names on the dates hereinafter indicated:

Date	Name of Assignor
<u>08 October 2004</u>	<u>Jan-Roger Linna</u> 
	<u>Peter Palmer</u>
	<u>John Paul Mello</u>
	<u>Stuart Bennett Sprague</u>

STATE OF _____)
COUNTY/CITY OF _____) : ss

On this _____ day of _____, 2004, appeared before me in person Jan-Roger Linna, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: _____

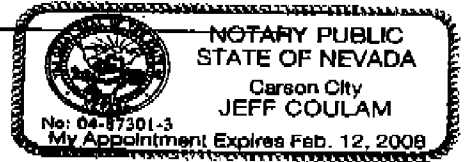
NOTARY PUBLIC

STATE OF Nevada)
COUNTY/CITY OF Carson City) : ss

On this 8th day of October, 2004, appeared before me in person Peter Palmer, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: Feb 12, 2008

Jeff Coulam
NOTARY PUBLIC



STATE OF _____)
COUNTY/CITY OF _____) : ss

On this _____ day of _____, 2004, appeared before me in person John Paul Mello, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: _____

NOTARY PUBLIC

STATE OF _____)
COUNTY/CITY OF _____) : ss

On this _____ day of _____, 2004, appeared before me in person Stuart Bennett Sprague, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: _____

NOTARY PUBLIC

Attorney Docket Nos. 11129

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by 1) Jan-Roger Linna, 2) Peter Palmer, 3) John Paul Mello, and 4) Stuart Bennett Sprague (hereinafter referred to as "the Assignors"), residing at 1) 48 Clearway Street, Apt. #6, Boston, MA 02115; 2) 12 Industrial Pkwy Unit B-1, Carson City, NV 89706-7750; 3) 159 Trapelo Road, Belmont, MA 02478; and 4) 5920 College Ave. #4, Oakland, CA 94618, respectively, witnesseth:

WHEREAS, the Assignors have made certain new and useful inventions in INTERNAL COMBUSTION ENGINE TRANSIENT FUEL CONTROL set forth in an application for Letters Patent of the United States of America, [] having an oath or declaration executed on even date herewith; [x] bearing Serial No. 10/758,445, filed on January 15, 2004; and

WHEREAS, CHRYSALIS TECHNOLOGIES INCORPORATED, a corporation duly organized under and pursuant to the laws of the State of Virginia and having an office and place of business at 7801 Whitepine Road, Richmond, Virginia 23237, is desirous of acquiring the entire right, title, and interest in and to the inventions for the United States and the application for Letters Patent of the United States, and in and to any United States Letters Patent or Patents, to be obtained therefor and thereon; and

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

ASSIGNMENT OF UNITED STATES PATENT RIGHTS

We do hereby sell, assign and transfer unto CHRYSALIS TECHNOLOGIES INCORPORATED, its successors, assigns and legal representatives, all right, title, and interest in and to the inventions, for the United States, and in and to the United States patent application, including any continuations and divisions thereof, and any substitute applications therefor and any United States patents which may issue thereon and any reissues and extensions of the same; and we hereby authorize and request the Commissioner of Patents to grant and issue any and all patents on the inventions in the United States to CHRYSALIS TECHNOLOGIES INCORPORATED as the assignee thereof.

ASSIGNMENT OF FOREIGN PATENT RIGHTS

Further in view of the consideration hereinabove referred to, we do hereby sell, assign, and transfer unto CHRYSALIS TECHNOLOGIES INCORPORATED, its successors, assigns and legal representatives, all right, title and interest in and to the inventions for all countries foreign to the United States, including the right to claim priority under the International Convention based on the United States patent application, and in and to any foreign patent application, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any foreign patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on the inventions in any foreign country to CHRYSALIS TECHNOLOGIES INCORPORATED as the assignee thereof.


We further agree to execute upon request of the assignee CHRYSALIS TECHNOLOGIES INCORPORATED such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in the United States, and to execute upon request of assignee CHRYSALIS TECHNOLOGIES INCORPORATED such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in countries foreign to the United

States, and to otherwise give full effect to and perfect the rights of the assignee CHRYSALIS TECHNOLOGIES INCORPORATED in the United States and of assignee CHRYSALIS TECHNOLOGIES INCORPORATED in countries foreign to the United States.

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and any and all applications for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that the Assignors will, whenever counsel of the assignees, or counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with the Inventions or any and all applications for Letters Patent, or any proceeding in connection with Letters Patent for the inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for the inventions, without charge to the assignees, their successors, legal representatives, and assigns, but at the cost and expense of the assignees, their successors, legal representatives, and assigns;

IN TESTIMONY THEREOF, we have hereunto signed our names on the dates hereinafter indicated:

Date	Name of Assignor
_____	_____ Jan-Roger Linna _____
_____	_____ Peter Palmer _____
_____	_____ John Paul Mello _____
<u>10-7-04</u>	 _____ Stuart Bennett Sprague _____

STATE OF _____ }
COUNTY/CITY OF _____ } : ss

On this _____ day of _____, 2004, appeared before me in person Jan-Roger Linna, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: _____

NOTARY PUBLIC

STATE OF _____ }
COUNTY/CITY OF _____ } : ss

On this _____ day of _____, 2004, appeared before me in person Peter Palmer, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: _____
NOTARY PUBLIC _____

STATE OF _____ }
COUNTY/CITY OF _____ } : ss

On this _____ day of _____, 2004, appeared before me in person John Paul Mello, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: _____
NOTARY PUBLIC _____

STATE OF california }
COUNTY/CITY OF alameda } : ss

On this 7 day of October, 2004, appeared before me in person Stuart Bennett Sprague, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires: March 25 2007
NOTARY PUBLIC _____

