

PATENT ASSIGNMENT

Electronic Version v1.1
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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas F. Haddock</td> <td>10/07/2005</td> </tr> <tr> <td>Mark Dugan</td> <td>10/07/2005</td> </tr> <tr> <td>Philippe Bado</td> <td>10/07/2005</td> </tr> <tr> <td>Ali A. Said</td> <td>10/07/2005</td> </tr> </tbody> </table>		Name	Execution Date	Thomas F. Haddock	10/07/2005	Mark Dugan	10/07/2005	Philippe Bado	10/07/2005	Ali A. Said	10/07/2005
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Translume, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>655 Phoenix Drive</td> </tr> <tr> <td>City:</td> <td>Ann Arbor</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48108</td> </tr> </table>		Name:	Translume, Inc.	Street Address:	655 Phoenix Drive	City:	Ann Arbor	State/Country:	MICHIGAN	Postal Code:	48108
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CORRESPONDENCE DATA											
<p>Fax Number: (312)291-0864 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-291-0860 Email: docketing@lempialaw.com Correspondent Name: Lempia Braidwood LLC Address Line 1: One North LaSalle Street Address Line 2: Suite 3150 Address Line 4: Chicago, ILLINOIS 60602</p>											
ATTORNEY DOCKET NUMBER:	10107-05 TRA-02A										
NAME OF SUBMITTER:	G. Christopher Braidwood										
Total Attachments: 4											

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PATENT
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ASSIGNMENT

Atty. Docket No. Fuel-Injector-05

Serial No: 11/247907Filed: 10/11/05

Title: FUEL INJECTOR AND METHOD OF MANUFACTURING THE SAME

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to, Translume, Inc., a Michigan corporation, 655 Phoenix Drive, Ann Arbor, Michigan 48108, (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on the below-identified dates, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

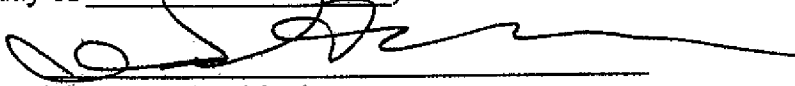
The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the

undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 7th day of OCTOBER, 2005.


Thomas F. Haddock

State of Michigan

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County of Washtenaw

On this 7th day of OCTOBER, 2005 before me, a Notary Public in and for the County and State aforesaid, appeared Thomas Haddock, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act and for the uses and purposes therein expressed.

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

My Commission Expires: 10-27-05


Notary Public

WITNESS my hand this 7th day of OCTOBER, 2005.


Mark Dugan

State of Michigan

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} SS

County of Washtenaw

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On this 7th day of OCTOBER, 2005 before me, a Notary Public in and for the County and State aforesaid, appeared Mark Dugan, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act and for the uses and purposes therein expressed.

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

My Commission Expires: 10-27-05



Notary Public

WITNESS my hand this 7th day of OCTOBER, 2005.


Philippe Bado

State of Michigan

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} SS

County of Washtenaw

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On this 7th day of OCTOBER, 2005 before me, a Notary Public in and for the County and State aforesaid, appeared Philippe Bado, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act and for the uses and purposes therein expressed.

My Commission Expires: 10-27-05



Notary Public

WITNESS my hand this 7th day of OCTOBER, 2005.

Ali A. Said

State of Michigan

County of Washtenaw

} SS

On this 7th day of OCTOBER, 2005 before me, a Notary Public in and for the County and State aforesaid, appeared Ali Said, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act and for the uses and purposes therein expressed.

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

My Commission Expires: 10-27-05

Allan Scott
Notary Public