

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven D Jacob</td> <td>01/28/2010</td> </tr> <tr> <td>Fares Najjar</td> <td>01/28/2010</td> </tr> <tr> <td>Gerald W Meyer</td> <td>01/28/2010</td> </tr> <tr> <td>Richard D Ross</td> <td>01/28/2010</td> </tr> </tbody> </table>		Name	Execution Date	Steven D Jacob	01/28/2010	Fares Najjar	01/28/2010	Gerald W Meyer	01/28/2010	Richard D Ross	01/28/2010
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Steven D Jacob	01/28/2010										
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RECEIVING PARTY DATA											
Name:	RAYTHEON COMPANY										
Street Address:	870 Winter Street										
City:	Waltham										
State/Country:	MASSACHUSETTS										
Postal Code:	02451-1449										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12696097</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12696097						
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Application Number:	12696097										
CORRESPONDENCE DATA											
Fax Number:	(216)621-6165										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	216-621-1113										
Email:	jplatt@rennerotto.com										
Correspondent Name:	Jonathan A. Platt										
Address Line 1:	1621 Euclid Ave.										
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Address Line 4:	Cleveland, OHIO 44115										
ATTORNEY DOCKET NUMBER:	RAYTP0392USA										
NAME OF SUBMITTER:	Jonathan A. Platt										
Total Attachments: 4											

OP \$40.00 12696097

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**PATENT
 REEL: 023868 FRAME: 0852**

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Attorney Docket No.: PD-09W095-1

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, the undersigned

Steven D. Jacob, 11651 N. Via De La Verbenita, Oro Valley AZ 85737
Fares Najjar, 7726 Grey Goose Trail, Arlington TX 76002
Gerald W. Meyer, 7255 E. Snyder Road, Tucson AZ 85750
Richard D. Ross, 278 E. Paseo Celestial, Sahuarita AZ 85629

hereby sell and assign to Raytheon Company, a corporation of Delaware having a place of business at 870 Winter Street, Waltham, Massachusetts 02451-1449, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled:

METHOD OF CONTROLLING SOLENOID VALVE

for which application for United States Letters Patent has been filed on January 29, 2010 under Serial No. 12/696,097, or was executed by the undersigned on the date below and is being filed concurrently herewith, or is a provisional patent application filed on _____ under Serial No. _____ or concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in the United States and in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and

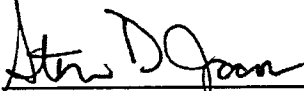
Attorney Docket No.: PD-09W095-1

substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

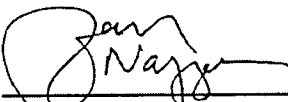
Signed:

Date:



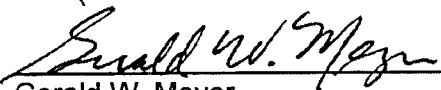
Steven D. Jacob

Jan 28, 2010



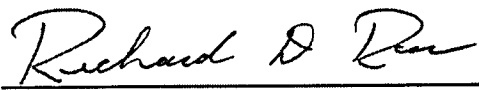
Fares Najjar

1/28/2010



Gerald W. Meyer

1/28/2010



Richard D. Ross

1-28-2010

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CERTIFICATE OF ACKNOWLEDGMENT

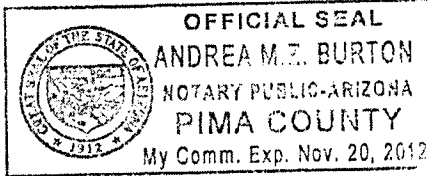
State of ARIZONA

County of PIMA

On 28 JAN 2010 before me, ANDREA M.Z. BURTON
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared STEVEN D. JACOB
Name(s) of Signer(s)

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.

Andrea M.Z. Burton
Signature of Notary Public

CERTIFICATE OF ACKNOWLEDGMENT

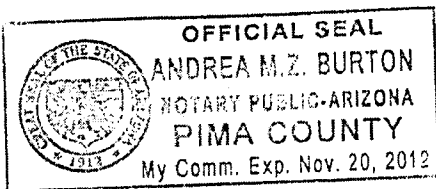
State of ARIZONA

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On 28 JAN 2010 before me, ANDREA M.Z. BURTON
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personally appeared RICHARD D. ROSS
Name(s) of Signer(s)

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Signature of Notary Public

Attorney Docket No.: PD-09W095-1

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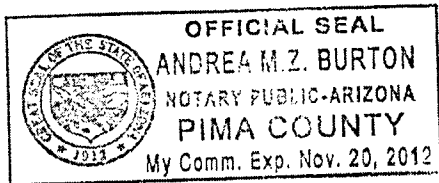
State of ARIZONA

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On 28 JAN 2010 before me, ANDREA M.Z. BURTON,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared GERALD W. MEYER
Name(s) of Signer(s)

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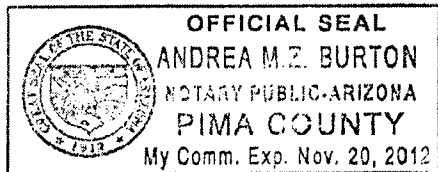
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personally appeared FARES NAJAR
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