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FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 03-24-1999



U.S. Department of Commerce Patent and Trademark Office PATENT

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Name (line 1)	Anatoly Rakhmailov				Month Day Year	
Name (line 2)	TARREST AND				103 03 99	
Second Party					Execution Date Month Day Year	
Name (line 1)	Martin Kalin				03 04 99	
Name (line 2)						
Receiving Party Mark if additional names of receiving parties attached						
Name (line 1)	ALM Development, Inc.				If document to be recorded is an assignment and the	
Name (line 2)					receiving party is not domiciled in the United States, an appointment	
Address (line 1)	1920 N Street, NW, Suite	750			of a domestic representative is attached. (Designation must be a	
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Mail documents to be recorded with required cover sheet(s) information to:

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	(212) 837-6404
Name Ronald Abramson	-	
Address (line 1) Hughes Hubbard & Reed]	ITD	
Address was a	JHF.	
One Battery Tark Traza		
Address (line 3) New York, New York 1000	04	
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Fee Amount Fee Amount fo	or Properties Listed (37 CFR 3.41):	40.00
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Au	thorization to charge additional fees:	Yes X No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Ronald Abramson

Name of Person Signing

ASSIGNMENT (Layout Application)

WHEREAS I, Anatoly Rakhmailov, an individual residing in Bataysk, Rostov Don, the Russian Federation (the "ASSIGNOR") is the owner of certain inventions in Gas Turbine Engine Technology for which I have executed an application for a Patent of the United States on March 4, 1999 (hereinafter referred to as "the Inventions"); and

WHEREAS, ALM Development, Inc. a Delaware corporation, having a place of business at 1920 N Street, NW Suite 750 Washington, DC 20036 ("ASSIGNEE") is desirous of obtaining the entire right, title and interest in, to and under the Inventions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, and to the Inventions and the United States applications and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and models, and designs which may hereafter be filed for the Inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim priority rights derived from the United States applications under the patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which such application is filed, as may be applicable; and all forms of industrial property protection, including without limitation, patents, utility models, inventors' certificates and designs which may be granted for inventions in any country or countries foreign to the United States and all extensions, renewals, continuations, divisionals and reissues thereof;

AND I HEREBY authorize and request that the Commissioner of Patents and Trademarks of the United States, and any Official of any county or countries foreign to the United States where said applications are filed, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications, to issue the same to the ASSIGNEE, its successors, legal representative and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representative and assigns, all facts known to me respecting the Inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and otherwise assist the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4th day of March, 1999

DISTRICT OF COLUMBIA, ss.:

On March 5, 1999, before me, a notary public of the District of Columbia, personally came ANATOLY RAKHMAILOV, to me known, and known to me to be the individual described and identified in the foregoing ASSIGNMENT, and who executed said ASSIGEMENT, and duly acknowledged to me that he executed the same.

I Jaseary L.S.

Mu M Banda Notary Public

My Commission Expires July 14, 2002

PATENT REEL: 9831 FRAME: 0551

ASSIGNMENT (Layout Application)

WHEREAS I, Martin Kalin, an individual residing in Washington, DC USA (the "ASSIGNOR") is the coowner of certain inventions in Gas Turbine Engine Technology for which I have executed an application for a Patent of the United States on March 4, 1999 (hereinafter referred to as "the Inventions"); and

WHEREAS, ALM Development, Inc. a Delaware corporation, having a place of business at 1920 N Street, NW Suite 750 Washington, DC 20036 ("ASSIGNEE") is desirous of obtaining the entire right, title and interest in, to and under the Inventions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, and to the Inventions and the United States applications and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and models, and designs which may hereafter be filed for the Inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim priority rights derived from the United States applications under the patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which such application is filed, as may be applicable; and all forms of industrial property protection, including without limitation, patents, utility models, inventors' certificates and designs which may be granted for inventions in any country or countries foreign to the United States and all extensions, renewals, continuations, divisionals and reissues thereof;

AND I HEREBY authorize and request that the Commissioner of Patents and Trademarks of the United States, and any Official of any county or countries foreign to the United States where said applications are filed, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications, to issue the same to the ASSIGNEE, its successors, legal representative and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representative and assigns, all facts known to me respecting the Inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and otherwise assist the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

Max Kar Ls

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4th day of March, 1999

RECORDED: 03/11/1999

PATENT

REEL: 9831 FRAME: 0552