

PATENT ASSIGNMENT

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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>Leonid Alexander ZOSIN</td><td>08/29/2007</td></tr><tr><td>Ananth MADHAVAN</td><td>08/29/2007</td></tr><tr><td>Ia DOMOWITZ</td><td>09/04/2007</td></tr></tbody></table>		Name	Execution Date	Leonid Alexander ZOSIN	08/29/2007	Ananth MADHAVAN	08/29/2007	Ia DOMOWITZ	09/04/2007				
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>ITG Software Solutions, Inc.</td></tr><tr><td>Street Address:</td><td>400 Corporate Pointe</td></tr><tr><td>Internal Address:</td><td>6th Floor</td></tr><tr><td>City:</td><td>Culver City</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>90230</td></tr></table>		Name:	ITG Software Solutions, Inc.	Street Address:	400 Corporate Pointe	Internal Address:	6th Floor	City:	Culver City	State/Country:	CALIFORNIA	Postal Code:	90230
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CORRESPONDENCE DATA													
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NAME OF SUBMITTER:	Brian A. Tollefson												
Total Attachments: 4													

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ASSIGNMENT

WHEREAS, we, Leonid Alexander Zosin, a citizen of Israel, at the address of 4909 Stearns Hill Road, Waltham, MA 02451; Ananth Madhavan, a citizen of the United States of America, at the address of 3831 Jackson Street, San Francisco, CA 94118; and Ian Domowitz, a citizen of the United States of America, at the address of 684 Broadway #4E, New York, NY 10012, are the inventors of an invention in METHOD AND SYSTEM FOR MULTIPLE PORTFOLIO OPTIMIZATION for which we have executed an application for Letters Patent of the United States, Application Number 11/730,750, filed April 3, 2007; and

WHEREAS, ITG SOFTWARE SOLUTIONS, INC., incorporated in the state of Delaware, with a place of business at 400 Corporate Pointe, 6th Floor, Culver City, CA 90230 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said Leonid Alexander Zosin, Ananth Madhavan, and Ian Domowitz, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ITG SOFTWARE SOLUTIONS, INC., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said ITG SOFTWARE SOLUTIONS, INC., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND WE HEREBY further covenant and agree that we will communicate to said ITG SOFTWARE SOLUTIONS, INC, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ITG SOFTWARE SOLUTIONS, INC., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Date _____ 2007

Leonid Alexander Zorn L.S.

Date Aug 29 2007 2007

Ananth Madhavan
Ananth Madhavan L.S.

Date _____ 2007

Ian Demowitz L.S.

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PATENT

REEL: 025315 FRAME: 0219

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 08/29 2007

Leonid Eosin L.S.
Leonid Alexander Zosin

Date _____ 2007

Ananth Madhavan L.S.

Date _____ 2007

Ian Domowitz L.S.

1399061

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

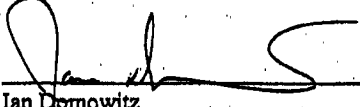
Date _____ 2007

Leonid Alexander Zosin L.S.

Date _____ 2007

Ananth Madhavan L.S.

Date 4 September 2007



Ian Domowitz L.S.

1399061

PATENT

RECORDED: 11/04/2010

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