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PATENTS ONLY

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Form PTO-1595 (Rev. 06-12)
OMB No. 0651-0027 (exp. 04/30/2015)

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

MRD 3-12-13

1. Name of conveying party(ies)
Alexander Kramnik
Nicolaus P. Malnick
Lyle Hayhurst
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: DRW Technologies LLC
Internal Address: Suite 2500
Street Address: 540 West Madison Street
City: Chicago
State: Illinois
Country: USA Zip: 60661
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) 27 February 2013
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63).
A. Patent Application No.(s)
13/506,005
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Paul E Schaafsma, NovusIP, LLC
Internal Address: Suite 221
Street Address: 521 West Superior Street
City: Chicago
State: Illinois Zip: 60654
Phone Number: 312.664.0906
Docket Number: _____
Email Address: pschaafsma@novusip.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40.00
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
Deposit Account Number _____
Authorized User Name: 11 00000059 13506005

9. Signature: [Signature]
Signature

01 FEB 2013 5 March 2013
Date

Paul E Schaafsma
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, we, **Alexander Kramnik, Nicolaus P. Malnick, and Lyle Hayhurst** hereby agree to assign, and do hereby assign to **DRW Technologies LLC**, a limited liability company of Delaware having a principal place of business at 540 W. Madison St., Suite 2500, Chicago, Illinois 60661 and to its successors, legal representatives and assigns (the "Assignee"), the entire right, title and interests throughout the world in and to the invention and improvements in "**Read-Throttled, Input/Output Scheduler**" invented by us, together with the patent rights and rights of protection to the invention or improvements throughout the world, including any patent rights which may result or claim priority from United States Patent Application Serial No. 13/506,005, filed 20 March 2012, and in and to any and all divisional, continuation, reissue, reexamination, renewal, extension, substitution and confirmation applications and patents granted thereon, to be held and enjoyed by the Assignee for its own use and behalf as fully and entirely as if the invention or improvements would have been held and enjoyed if this Assignment had not been made.

We warrant that we are the sole and the exclusive owners of the interests assigned herein and have the right to make this Assignment. We further warrant that there are no prior sales, assignments, leases, agreements or any encumbrances of any type in the interests assigned herein. We agree that we will not execute any writing or do any act whatsoever which conflicts with the interests assigned herein.

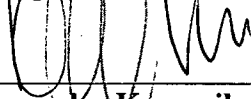
We authorize Assignee to make application on its own behalf for patent rights and rights of protection in countries foreign to the United States and where expedient to claim under international law or convention or the laws of any particular country (such as the International Convention for the Protection of Industrial Property) for any such application the date of the United States application as priority to such other application. We further authorize Assignee to claim under international law or convention or the laws of any particular country such priority rights without further written or oral authorization. We consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required under international law or convention or the laws of any particular country for any purpose, including the right of Assignee to claim such priority rights.

We authorize and request the patent office officials in the United States and in countries foreign to the United States to issue the patent rights to **DRW Technologies LLC**.

We hereby agree, upon the request and at the expense of the Assignee, but without further or additional consideration, to execute any and all divisional, continuation, reissue, reexamination, renewal, extension, substitution and confirmation applications for the invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, that the Assignee may deem necessary or expedient. We agree to promptly provide Assignee all pertinent facts and documents relating to the invention of which we know or of which we in the future become aware. We further agree, upon the request of the Assignee, in the event of the application or any divisional, continuation, continuation-in-part, reissue, reexamination, renewal, extension, substitution or confirmation applications and patents granted on the invention or any improvements becoming involved in an interference, opposition, court or other proceeding, to

cooperate to the best of our ability with the Assignee in preparing and executing the preliminary statement, giving and producing evidence, and giving testimony in support thereof.

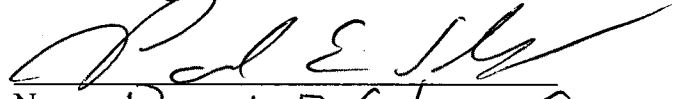
Inventor's Signature:



Name: **Alexander Kramnik**

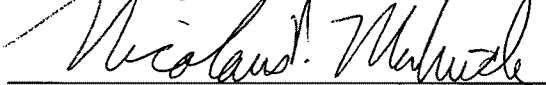
Date: 2/15/2013

Witness' Signature:



Name: Paul E Schaafsma

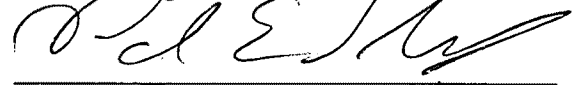
Inventor's Signature:



Name: **Nicolaus P. Malnick**


Date: 2/15/2013

Witness' Signature:



Name: Paul E Schaafsma


Inventor's Signature:



Name: **Lyle Hayhurst**

Date:

Witness' Signature:



Name: Paul E Schaafsma
27 Feb 2013