PATENT ASSIGNMENT

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CONVEYING PARTY DATA							
		Name	Execution Date				
The George Washington University 10/03/2012							
RECEIVING PARTY DATA							
Name: O	Open Invention Network, LLC						
Street Address: 4	4819 Emperor Blvd., Suite 400						
Internal Address:	Research Triangle Park Center						
City:	Durham						
State/Country: N	NORTH CAROLINA						
Postal Code: 2	27703						
PROPERTY NUMBERS Total: 1							
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Patent Number: 56196		80					
Patent Number: 5619680 86 CORRESPONDENCE DATA 97							
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ATTORNEY DOCKET N	UMBER:	48731.666					
NAME OF SUBMITTER:		J. Andrew Lowes					
Total Attachments: 2 source=GWUOINAssn#page1.tif source=GWUOINAssn#page2.tif							

Exhibit A

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, the George Washington University, a congressionally chartered not-for-profit coroporation having offices at 2121 Eye Street NW, Suite 601, Washington, DC 20052, ("Assignor"), does hereby sell, assign, transfer and convey unto Open Invention Network, LLC, a limited liability company, with a registered agent address at Research Triangle Park Center, 4819 Emperor Blvd., Suite 400, Durham, NC 27703("Assignee"), or its designees, all right, title and interest that exist today and may exist in the future in and to all of the following (the "Patent Rights"): (a) the patents listed below, (b) all patents or patent applications to which any of the foregoing claim priority, and (c) current or future rights to (i) patent applications, and patents of any kind relating to any inventions and discoveries described in any patent applications and patents listed below; (ii) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; and (iii) foreign counterparts to any of the foregoing, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants; (d) rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections or other governmental grants of any type related to the any of the foregoing categories (a), (b) and (c), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding; (e) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights, including, without limitation, all rights under the patent applications and patents listed below and/or under or on account of any of the foregoing categories (b) and/or (c) to

- (i) damages,
- (ii) injunctive relief and
- (iii) other remedies of any kind

for past, current and future infringement; and

(g) all rights to collect royalties and other payments under or on account of any of the foregoing.

Patent No.	<u>Country</u>	Filing Date	<u>Title</u>	Inventors
5,619,680	USA	November	Methods and Apparatus for	Semyon Berkovich;
		25, 1994	Concurrent Execution of Serial	Efraim Berkovich
			Computing Instructions Using	
			Combinatorial Architecture for	
		· · · · · · · · · · · · · · · · · · ·	Program Partitioning	

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at ______ Not St WW Washington De 2002

ASSIGNOR

MMMA By:

Name: Louis H. Katz

Title: Executive Vice President and Treasurer

STATE OF DISTRICT OL, COUNTY OF COLUMBIA, SS.

On Other 3, DID, before me, Dounda Tucken Notary Public in and for said State, personally appeared Lonis H-1Cat2 personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature DMDCL DORNNEAM TUCKER Molary Fublic, Distinct of Columbia My Commission Expl:(SAB)14, 2015

Page 2