

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gannady LAPIR	08/04/2005
Harry URBSCHAT	08/05/2005
RECEIVING PARTY DATA	
Name:	SER SOLUTIONS, INC.
Street Address:	21680 Ridgetop Circle
Internal Address:	Loudon Tech Center
City:	Dulles
State/Country:	VIRGINIA
Postal Code:	20166
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11240632
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NAME OF SUBMITTER:	Margaret Filipowicz
<p>Total Attachments: 4</p> <p>source=370016P0001C1Assignment#page1.tif</p> <p>source=370016P0001C1Assignment#page2.tif</p>	

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ASSIGNMENT

THIS ASSIGNMENT, whereas we, the undersigned inventors, by Gannady Lapir and Harry Urbschat (hereinafter referred to as Assignors), residing at Stegener Str. 17a, D-79199, Kirchzarten, Germany;

WHEREAS, Assignors have invented certain new and useful improvements in ASSOCIATIVE MEMORY, set forth in European Patent Application EP 00117850.8 filed August 18, 2000 and all patent applications claiming priority therefrom including, but not limited to, International Patent Application No. PCT/EP01/09577 filed August 20, 2001, U. S. Patent Application Serial No. 10/362,027 filed February 19, 2003 and Canadian Patent Application No. 2419,776 filed August 20, 2001 (individually and collectively the "Patent Applications") a Patent application for Letters Patent of the United States, already filed on February 19, 2003 as U.S. application No. 10/362,027; and

WHEREAS, SER SOLUTIONS, INC., a Virginia corporation, having its principal place of business at Loudoun Tech Center, 21680 Ridgeway Circle, Dulles, Virginia 20166 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Patent Applications, and in and to any Letters Patents, Patents and/or other grants to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and Patent Applications, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Patent Letters and/or Patent Worldwide including but not limited to the United States, Canada and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Patents and/or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and

benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Patents and/or Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Patents and/or Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Patents and/or Letters Patent and applications for Patents and/or Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent Applications for Patents and/or Letters Patent, or any proceeding in connection with any Patents and/or Letters Patent or applications for Patents and/or Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Patents and/or Letters Patent, or any reissue, reexamination or extension of any Patents and/or Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the appropriate issuing authority including but not limited to the Commissioner of Patent and Trademarks to issue said Patents and/or Letters Patent of the United States to Assignee, as Assignee of said inventions and the Patents and/or Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

FULBRIGHT & JAWORSKI L.L.P.

Paul M. Bartkowski	54,741	Steven M. War	48,024	J. Paul Williamson	29,600
Mary Anne Schofield	36,669	Michael J. Strauss	32,443		
Thomas S. Hahn	30,845	Mark E. Ungerman	32,070		

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 4 August 2005

Signature: _____

Gannady Lapir

Date: _____

Signature: _____

Harry Urbschat

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Thomas S. Hahn	30,843	Mark E. Ungerman	32,070		

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Date: 04, 05. Aug. 2005 Signature: Gennady Lapir

Date: 04, 05. Aug. 2005 Signature: H. Urbschat
Harry Urbschat