

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lizhong Wu</td> <td>08/10/2007</td> </tr> <tr> <td>Terrance Gordon Barker</td> <td>08/10/2007</td> </tr> <tr> <td>Vijay S. Desai</td> <td>08/10/2007</td> </tr> </tbody> </table>		Name	Execution Date	Lizhong Wu	08/10/2007	Terrance Gordon Barker	08/10/2007	Vijay S. Desai	08/10/2007
Name	Execution Date								
Lizhong Wu	08/10/2007								
Terrance Gordon Barker	08/10/2007								
Vijay S. Desai	08/10/2007								
RECEIVING PARTY DATA									
Name:	SAS Institute Inc.								
Street Address:	SAS Campus Drive								
City:	Cary								
State/Country:	NORTH CAROLINA								
Postal Code:	27513								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11850842</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11850842				
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Application Number:	11850842								
CORRESPONDENCE DATA									
Fax Number:	(216)579-0212								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(216) 586-3939								
Email:	kjkopczyk@jonesday.com								
Correspondent Name:	Kathie J. Kopczyk								
Address Line 1:	901 Lakeside Avenue								
Address Line 2:	Jones Day								
Address Line 4:	Cleveland, OHIO 44114								
ATTORNEY DOCKET NUMBER:	343355-600158								
NAME OF SUBMITTER:	Kathie J. Kopczyk								

Total Attachments: 4
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**PATENT
 REEL: 019792 FRAME: 0527**

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ASSIGNMENT

WHEREAS, one or more inventions have been made by the undersigned in

Computer-Implemented Modeling Systems And Methods For
Analyzing And Predicting Computer Network Intrusions

and are the subject of a patent application filed in the United States Patent and Trademark Office herewith, which application is identified as Jones Day Docket No. 343355-600158.

WHEREAS, **SAS INSTITUTE INC.**, a **North Carolina** corporation, located and doing business at **SAS Campus Drive, Cary, North Carolina 27513**, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest in said inventions and patent rights therefor throughout the world.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, THE UNDERSIGNED HEREBY SELLS, ASSIGNS, TRANSFERS, AND DELIVERS TO ASSIGNEE all right, title, and interest, in the United States and throughout the world, in said inventions and all patents, patent rights, patent applications, and inventor's certificates for said inventions, including without limitation said application for patent in the United States and all provisionals, divisions, continuations, continuations-in-part, and resulting patents, all right to sue for infringement or past infringement, and all patents and patent rights that may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary or desirable to secure for or vest in assignee, its successors or assigns, any invention right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Patent and Trademark Office is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in the patents, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in the patents.

The undersigned hereby grants the firm of Jones Day 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.

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:


LIZHONG WU

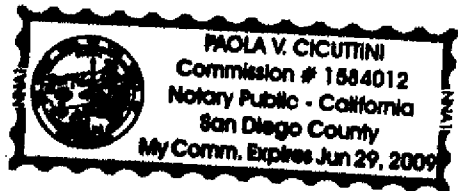
8/10/07
Date

Post Office Address: 12741 Ashley Falls Drive
San Diego, California 92130

STATE OF California }
COUNTY OF San Diego } ss.

LIZHONG WU appeared before me this 10th day of August, 2007, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.


Notary Public
(Notarial Seal)



IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

[Signature]
VIJAY S. DESAI

Aug 10, 2007
Date

Post Office Address: 14344 Bourgeois Way
San Diego, California 92129

STATE OF California }
COUNTY OF San Diego } ss.
}

VIJAY S. DESAI appeared before me this 10th day of August, 2007, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.

Paola V. Cicuttini
Notary Public
(Notarial Seal)

