Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005) MECOMPATION FOI PATENT	
To the Director of the U.S. Patent and Trademark Office: Plea	ase record the attached documents or the new address(es) below.
<b>1. Name of conveying party(ies)/Execution Date(s)</b> Xuhui Shao Jianjun Xie Tao Hong Allen Jost	: 2. Name and address of receiving party(ies) Name: ID Analytics, Inc. Internal Address:
Execution Date(s) April 4, 2005 Additional name(s) of conveying party(ies) attached? Yes N	- Street Address: 15110 Avenue of Science
3. Nature of conveyance:	
Assignment Merger	City: San Diego
Security Agreement Change of Name	State: California
<ul> <li>Government Interest Assignment</li> <li>Executive Order 9424, Confirmatory License</li> </ul>	Country: U.S.A. Zip: 92128
Other	Additional name(s) & address(es) attached? Yes 🔀
5. Name and address to whom correspondence	Ittached? Yes No 6. Total number of applications and patents involved:
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: one
5. Name and address to whom correspondence concerning document should be mailed: Name: Paul, Hastings, Janofsky & Walker LLP	6. Total number of applications and patents involved: one 7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00 Authorized to be charged by credit card
5. Name and address to whom correspondence concerning document should be mailed: Name: Paul, Hastings, Janofsky & Walker LLP Internal Address:	6. Total number of applications and patents involved:         one         7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00         Authorized to be charged by credit card         Authorized to be charged to deposit account
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5. Name and address to whom correspondence concerning document should be mailed: Name: Paul, Hastings, Janofsky & Walker LLP Internal Address: Street Address: P.O. Box 919092	6. Total number of applications and patents involved:         one         7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00         Authorized to be charged by credit card         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting tilt)
5. Name and address to whom correspondence concerning document should be mailed: Name: Paul, Hastings, Janofsky & Walker LLP Internal Address: Street Address: P.O. Box 919092 City: San Diego	6. Total number of applications and patents involved:         one         7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00         Authorized to be charged by credit card         Authorized to be charged to deposit account         Enclosed
5. Name and address to whom correspondence concerning document should be mailed:         Name: Paul, Hastings, Janofsky & Walker LLP         Internal Address:         Street Address: P.O. Box 919092         City: San Diego         State: CA       Zip: 92191-9092	6. Total number of applications and patents involved:         one         7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00         Authorized to be charged by credit card         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting to the section of th
5. Name and address to whom correspondence concerning document should be mailed:         Name: Paul, Hastings, Janofsky & Walker LLP         Internal Address:         Street Address: P.O. Box 919092         City: San Diego         State: CA       Zip:92191-9092         Phone Number: (858) 720-2500	6. Total number of applications and patents involved:         one         7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00         Authorized to be charged by credit card         Authorized to be charged by credit card         Enclosed         None required (government interest not affecting till         8. Payment Information         a. Credit Card
5. Name and address to whom correspondence concerning document should be mailed:         Name: Paul, Hastings, Janofsky & Walker LLP         Internal Address:         Street Address:         P.O. Box 919092         City:       San Diego         State:       CA         Phone Number:       (858) 720-2500         Fax Number:       (858) 720-2555	6. Total number of applications and patents involved:       one         7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00         Authorized to be charged by credit card         Authorized to be charged by credit card         Enclosed         None required (government interest not affecting till         8. Payment Information         a. Credit Card         Last 4 Numbers         Expiration Date         b. Deposit Account Number 50-2613
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5. Name and address to whom correspondence concerning document should be mailed: Name: Paul, Hastings, Janofsky & Walker LLP Internal Address: Street Address: P.O. Box 919092 City: San Diego State: CA Zip:92191-9092 Phone Number: (858) 720-2500 Fax Number: (858) 720-2555 Email Address: trevorcoddington@paulhastings.com 9. Signature: Manual Signature Sign	6. Total number of applications and patents involved:       one         7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00         Authorized to be charged by credit card         Authorized to be charged by credit card         Authorized to be charged to deposit account         Enclosed         None required (government interest not affecting ti         8. Payment Information         a. Credit Card Last 4 Numbers         Expiration Date         b. Deposit Account Number 50-2613         Authorized User Name Trevor Q. Coddington         V/8/05         Date         Total number of pages including cover sheet, attachments, and documents:         6

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## ASSIGNMENT

WHEREAS, WE, Xuhui SHAO, residing at 12601 Carmel Canyon Road, San Diego, CA 92130-3193; Jianjun XIE, residing at 11733 Springside Road, San Diego, CA 92128; Tao HONG, residing at 16204 Palomino Mesa Place; and Allen JOST, residing at 18605 Lancashire Way, San Diego, CA 92128, have invented certain new and useful improvements in and to the subject matter of:

## SYSTEM AND METHOD FOR IDENTITY-BASED FRAUD DETECTION

described in utility application for United States Letters Patent filed on December 30, 2004, and accorded Application No. 11/026,566;

AND, WHEREAS, ID ANALYTICS, INC., a Delaware corporation, having a place of business located at 15110 Avenue of Science, San Diego, CA 92128, U.S.A. (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the world in and to said improvements, any other United States and foreign patents and patent applications, including provisional, utility, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

L'Shan

**XUHUI SHAO** 

STATE OF CALIFORNIA ) SS COUNTY OF <u>Saw Diego</u> )

On<u>Apr. 1 4,2005</u> before me, <u>Bachara</u> <u>A. Baker</u>, personally appeared <u>XUHUI SHAO</u>

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Bailman Ch. Backer Notary Public in and for said County and State

Barbara A. Baker



PAUL, HASTINGS, JANOFSKY & WALKER LLP 3579 VALLEY CENTRE DRIVE SAN DIEGO, CA 92130 (8582) 720-2500 (TELEPHONE) (858) 720-2555 (FACSIMILE) IN WITNESS WHEREOF, we have hereunto set our hands and seals.

STATE OF CALIFORNIA ) ss COUNTY OF San Diego

On <u>April 4, 2005</u>, before me, <u>Barbara</u>, <u>A. Baker</u>, personally appeared JIANJUN XIE

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



albara a. Baker

Notary Public in and for said County and State Barbara A. Baker

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

**TAO HONG** 

洪涛 (新技术研究)

WITNESSES:

PAUL, HASTINGS, JANOFSKY & WALKER LLP 3579 VALLEY CENTRE DRIVE SAN DIEGO, CA 92130 (8582) 720-2500 (TELEPHONE) (858) 720-2555 (FACSIMILE)

PATENT REEL: 016450 FRAME: 0326

On April 4,2005, before me. Bachara, A. Baker, personally appeared NANJUN XIE

Derivally known to me - OR - proved to use on the basis of satisfactory evidence to be the person(s) whose name(s) is/see subscribed to the within instrument and schnowledged to me that he/shethay executed the same in his/hawkheir authorized capacity(ise), and that by his/hawkheis signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seai.



Rakes Public in and for said County and State bara A. Baker

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

TAO HONG 传代研究

WITNESSES:

Limin Zhon

PAUL HARDING, LANDREY & WALLYS LLP 2019 VALLYY CHYDE BRYS Bar Under, CA 49130 (8987) 720-3390 (121.674016) (8987) 720-3390 (121.674016)

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BAN/111429.1

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

STATE OF CALIFORNIA ) ) ss COUNTY OF San Diego )

> On<u>April 4, 2005</u>, before me, <u>Barbara</u> <u>A. Baker</u>, personally appeared ALLEN JOST

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Bailiara, Co. Laka

Notary Public in and for said County and State Barbara A. Baker



PAUL, HASTINGS, JANOFSKY & WALKER LLP 3579 VALLEY CENTRE DRIVE SAN DIEGO, CA 92130 (8582) 720-2550 (TELEPHONE) (858) 720-2555 (FACSIMILE)

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## PATENT REEL: 016450 FRAME: 0328

**RECORDED: 04/11/2005**