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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
InfoSpace, Inc.	05/13/2008

RECEIVING PARTY DATA

Name:	Van Detsan Networks Limited Liability Company			
Street Address:	2711 Centerville Rd, Ste 400			
City:	Wilmington			
State/Country:	DELAWARE			
Postal Code:	19808			

PROPERTY NUMBERS Total: 16

Property Type	Number
Patent Number:	4914698
Patent Number:	4987593
Patent Number:	4949380
Patent Number:	4991210
Patent Number:	4996711
Patent Number:	5131039
Patent Number:	5276736
Patent Number:	5373558
Patent Number:	5434919
Patent Number:	6434238
Patent Number:	6718314
Patent Number:	5493614
Patent Number:	5712913
Patent Number:	5781631
Patent Number:	5878140
	DATENT

PATENT "
REEL: 021185 FRAME: 0786

500584083

Patent Number: 5956400

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 6057-42500

NAME OF SUBMITTER: Dean M. Munyon

Total Attachments: 4

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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, InfoSpace, Inc., a Delaware corporation, with an office at $601-108^{th}$ Ave NE, Suite 1200, Bellevue, WA 98004, ("Assignor"), does hereby sell, assign, transfer, and convey unto Van Detsan Networks Limited Liability Company, a Delaware limited liability company, with an address at 2711 Centerville Rd, Ste 400, Wilmington, DE 19808 ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

- (a) the provisional patent applications, patent applications and patents listed in the table below (the "Patents");
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts (i) to which any item in any of the foregoing categories (a) through (c) directly or indirectly claims priority, (ii) for which any of the foregoing categories (a) through (c) directly or indirectly forms a basis for priority, and oppositions related to any item in this category (d), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;
- (g) all 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 or issuances of any type related to any item in any of the foregoing categories (a) through (f), 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;
- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any

of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

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

infringement; and

(iv) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

Patent or	Country	Filing Date	Title of Patent and Inventors
application no.			
4,914,698	US	4/3/1990	ONE-SHOW BLIND SIGNATURE
(07/384,092)		(7/24/1989)	SYSTEMS
			Chaum, David
4,987,593	US	1/22/1991	ONE-SHOW BLIND SIGNATURE
(07/504,878)		(4/5/1990)	SYSTEMS
			Chaum, David
4,926,480	US	5/15/1990	CARD-COMPUTER MODERATED
(07/198,315)		(5/24/1988)	SYSTEMS
			Chaum, David
4,949,380	US	8/14/1990	RETURNED-VALUE BLIND
(07/260,053)		(10/20/1988)	SIGNATURE SYSTEMS
			CHAUM DAVID PROF DR
4,991,210	US	2/5/1991	UNPREDICTABLE BLIND
(07/347,303)		(5/4/1989)	SIGNATURE SYSTEMS
			Chaum, David
4,996,711	US	2/26/1991	SELECTED-EXPONENT
(07/368,677)		(6/21/1989)	SIGNATURE SYSTEMS
			Chaum, David L.
5,131,039	US	7/14/1992	OPTIONALLY MODERATED
(07/609,519)		(11/5/1990)	TRANSACTION SYSTEMS
L			Chaum, David

Patent or	Country	Filing Date	Title of Patent and Inventors
application no.			
5,276,736	US	1/4/1994	OPTIONALLY MODERATED
(07/912,193)		(7/13/1992)	TRANSACTION SYSTEMS
			Chaum, David
5,373,558	US	12/13/1994	DESIGNATED-CONFIRMER
(08/066,669)		(5/25/1993)	SIGNATURE SYSTEMS
			Chaum, David
5,434,919	US	7/18/1995	COMPACT ENDORSEMENT
(08/179,962)		(1/11/1994)	SIGNATURE SYSTEMS
5 40 4 999		0/10/000	Chaum, David
6,434,238	US	8/13/2002	MULTI-PURPOSE TRANSACTION
(08/909,480)		(8/11/1997)	CARD SYSTEM
			Chaum, David; Ferguson, Niels; Van
			Der Hoek, Jelte
6,718,314	US	4/6/2004	MULTI-PURPOSE TRANSACTION
(10/217,614)		(8/12/2002)	CARD SYSTEM
			Chaum, David; Ferguson, Niels; Van
			Der Hoek, Jelte
5,493,614	US	2/20/1996	PRIVATE SIGNATURE AND PROOF
(08/237,098)		(5/3/1994)	SYSTEMS
			Chaum, David
5,712,913	US	1/27/1998	LIMITED-TRACEABILITY
(08/193,500)		(2/8/1994)	SYSTEMS
			Chaum, David
5,781,631	US	7/14/1998	LIMITED-TRACEABILITY
(08/910,123)		(8/12/1997)	SYSTEMS
			Chaum, David
5,878,140	US	3/2/1999	LIMITED-TRACEABILITY
(08/944,637)		(10/6/1997)	SYSTEMS
P.055 100	770	0/04/4000	Chaum, David
5,956,400	US	9/21/1999	PARTITIONED INFORMATION
(08/684,263)		(7/19/1996)	STORAGE SYSTEMS WITH
			CONTROLLED RETRIEVAL
			Chaum, David; Ferguson, Niels T.;
			Schoenmakers, Berry, Voskuil, Erik W.

Assignor represents, warrants and covenants that:

- (1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and
- (2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights.

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 or issuances 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 will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

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IN WITNESS WHEREOF, this Assignment of Patent Rights is executed at Seattle, on May 13, 2008
ASSIGNOR:
By: Day A A Total
Title: (Fo (Signature MUST be notarized)
state of Washington)
county of King
On My 13, 2008, before me, Bayour A. Thrall, Notary Public in and for said State, personally appeared David Binder, 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 Bouban A. Wall (See My appointment expires: January 19, 2011

RECORDED: 07/03/2008

PATENT REEL: 021185 FRAME: 0791

BARBARA A THRALL

JANUARY 19, 2011