### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Sumesh Jaiswal	12/13/2011
Ashish Aggarwal	12/13/2011
Phillip DiCorpo	02/22/2012
Shitalkumar S. Sawant	12/12/2011
Sally Kauffman	12/13/2011
Alan Dale Galindez	12/12/2011

#### **RECEIVING PARTY DATA**

Name:	Symantec Corporation
Street Address:	350 Ellis Street
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13326198

### **CORRESPONDENCE DATA**

Fax Number: (973)422-2927 Phone: (650) 433-5800

Email: bkimes@lowenstein.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

501831872

Correspondent Name: Patent Docket Administrator Address Line 1: LOWENSTEIN SANDLER PC

Address Line 2: 65 Livingston Avenue

Address Line 4: Roseland, NEW JERSEY 07068

ATTORNEY DOCKET NUMBER: 06224.150 (L046X2)

PATENT

REEL: 027759 FRAME: 0837

NAME OF SUBMITTER:	Benjamin A. Kimes	
Total Attachments: 12		
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ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 06224.149 (L046X2)
For good and valuable consideration, the receipt and	d sufficiency of which is hereby
acknowledged, I/we, the undersigned, Sumesh Jaiswal, A	Ashish Aggarwal, Phillip DiCorpo,
Shitalkumar S. Sawant, Sally Kauffman, Alan Dale Galindez	2,
	,
hereby sell, assign, and transfer to Symantec Corporation	1
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>Delaware</u> ,
having a principal place of business at 350 Ellis Street, Mo	
	,
("Assignee"), and its successors, assigns, and legal represent for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provisional the non-provisional application may have a declaration execution execution the non-provisional application (provisional or non-provisional or non	and all inventions or improvements that hal) for the United States patent which for cuted by the undersigned prior hereto or
DATA QUALITY ASSESSMENT FOR VECTOR MACHINE LEARI	NING ,
said patent application also identified as follows (when know	vn):
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh	
United States Patent Application Number <u>13/326,198</u>	filed12/14/2011,
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, reexpatent applications that have been or shall be filled in the Urrany of said inventions or improvements; and in and to all oring reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; and from the filing of said United States application;	ons, divisional applications, continuation on-in-part applications, substitute xaminations, extensions, and all other nited States and all foreign countries on ginal patents, reissued patents, or shall be issued in the United States and
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improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

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Each Inventor: Please Sign and Date Below:

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Date, 20	Ashish Aggarwal  Phillip DiCorpo
Date , 20	Shitalkumar S. Sawant
, 20	Sally Kauffman
, 20	Alan Dale Galindez

ASSIGNM	IENT OF PATENT APPL	LICATION	Attorney Do	ocket No.: 0	6224.149 (L046X2)
Fo	r good and valuable considerat	ion, the receipt an	d sufficiency o	of which is h	ereby
acknowled	dged, I/we, the undersigned,	Sumesh Jaiswal, A	Ashish Aggan	wal, Phillip [	DiCorpo,
<u>Shitalkum</u>	ar S. Sawant, Sally Kauffman, A	Alan Dale Galinde:	Ζ,		
					,
hereby se	II, assign, and transfer to Syr	mantec Corporatio	n		
a <u>corpor</u>	ration		of <u>Dela</u>	ware	1
(Type of Ass	ration signee: e.g., corporation, company, pa	artnership, university, e	etc.)		
having a p	orincipal place of business at	350 Ellis Street, M	ountain View,	CA 94043	
for the Un are disclos the non-pi	e"), and its successors, assigns ited States and all foreign coun sed in the application (provision rovisional application may have tly herewith and which applicati	tries, in and to any al or non-provision a declaration exec	r and all invernal) for the Urcuted by the ι	itions or imp nited States indersigned	provements that patent which for prior hereto or
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said pater	nt application also identified as f	follows (when know	wn):		
	we hereby authorize an attorne umber and filing date of said pa			nsert below	the application
United Sta	ates Patent Application Number	13/326,198	filed	12/14/201	1
provisiona application application patent app any of said reexamina all foreign	d to said application (provisional applications, utility applications, continued prosecution appliens, renewal applications, reissurblications that have been or shad inventions or improvements; ation certificates, and extension countries on said inventions or illing of said United States applications	s, design applicatications, continuations applications, ree applications, ree all be filed in the Unand in and to all or s, that have been improvements; ar	ons, divisiona on-in-part app xaminations, nited States a iginal patents or shall be iss	I application blications, suextensions, nd all foreig , reissued poued in the U	is, continuation lbstitute and all other n countries on atents, Jnited States and
improvem said Assig	ree that said Assignee may appents in its own name; and that, mee, its successors, assigns, asse of this Assignment, the under applications, utility applications.	when requested, when requested, which is the second substitution of the second substitution is the second substitution of the sec	without charge atives, to carr ite all provisio	e to, but at t y out in goo	he expense of, od faith the intent

improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

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# Each Inventor: Please Sign and Date Below:

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Date	Sumesh Jaiswal
13* DEC , 20 11 Date	Ashish Aggarwal
Date	Asilisti Aggal wai
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Date	Phillip DiCorpo
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Date	Shitalkumar S. Sawant
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Date , 20	Sally Kauffman
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Date	Alan Dale Galindez

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 06224.149 (L046X2)
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hereby sell, assign, and transfer to Symantec Corporation	1
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>Delaware</u> ,
having a principal place of business at 350 Ellis Street, Mo	
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DATA QUALITY ASSESSMENT FOR VECTOR MACHINE LEARI	NING ,
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, 20	Sumesh Jalswal
, 20	Ashish Aggarwai
2/2-2, 20   2 Date	Phillip DiCorpo
, 20	Shitalkumar S. Sawant
, 20	Sally Kaufiman
20	

Alan Dale Galindez

Each inventor: Please Sign and Date Below:

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 Date	20 <sub></sub>	Sumesh Jaiswal
Date	20	Ashsir Aggarwal
- Date	20	Phillip DiCorps
Date	20	Shitalkumar S. Sawani
( <u>2//3</u> ) Date	20 <u>//</u>	Selly Kauffman / / / / / / / / / / / / / / / / / / /

Alan Dale Galindez

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	Date		Ashish Aggarwal
	Date	_, 20	District Dicession
	Date		Phillip DiCorpo
	Date	_, 20	Shitalkumar S. Sawant
a sekridijā arišķis Dibi	Date	, 20	Sally Kauffman
edielija Silengu	12/12	. 20	Stom Oak (Patinder)
	<sup>'</sup> Date		Alan Dale Galigdez

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Assignment Document Return Address:
Patent Docket Administrator
Lowenstein Sandler PC
65 Livingston Avenue
Roseland, New Jersey 07068

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