

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3866230

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
SYNTEL, INC.		05/23/2013
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	BANK OF AMERICA, N.A., AS LENDER	
<b>Street Address:</b>	2600 W. BIG BEAVER ROAD	
<b>Internal Address:</b>	MAIL CODE: MI8-900-02-90	
<b>City:</b>	TROY	
<b>State/Country:</b>	MICHIGAN	
<b>Postal Code:</b>	48084	
<b>PROPERTY NUMBERS Total: 33</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	9268907	
Patent Number:	9268675	
Patent Number:	9235494	
Patent Number:	9182963	
Application Number:	15073855	
Application Number:	62289648	
Application Number:	62274488	
Application Number:	62258037	
Application Number:	14687251	
Application Number:	14671073	
Application Number:	14671232	
Application Number:	14634084	
Application Number:	14614971	
Application Number:	14551265	
Application Number:	14501860	
Application Number:	14306208	
Application Number:	14306077	
Application Number:	14306060	
Application Number:	14305994	

PATENT

Property Type	Number
Application Number:	14279484
Application Number:	14224516
Application Number:	14222031
Application Number:	14211826
Application Number:	14141622
Application Number:	14083719
Application Number:	14083704
Application Number:	14066760
Application Number:	14063516
Application Number:	14054348
Application Number:	14052241
Application Number:	14022652
Application Number:	13746554
Application Number:	13656857

#### CORRESPONDENCE DATA

**Fax Number:** (919)286-8199

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 919 286-8000

**Email:** PTO\_TMconfirmation@mvalaw.com

**Correspondent Name:** MOORE & VAN ALLEN PLLC

**Address Line 1:** 3015 CARRINGTON MILL BOULEVARD

**Address Line 2:** SUITE 400

**Address Line 4:** MORRISVILLE, NORTH CAROLINA 27560

**ATTORNEY DOCKET NUMBER:** 327000.011680

**NAME OF SUBMITTER:** JOHN E. SLAUGHTER

**SIGNATURE:** /JOHN E. SLAUGHTER/

**DATE SIGNED:** 05/10/2016

#### Total Attachments: 5

source=2016 NGSI-P - Syntel, Inc. in favor of Bank of America, N.A., as Lender#page1.tif

source=2016 NGSI-P - Syntel, Inc. in favor of Bank of America, N.A., as Lender#page2.tif

source=2016 NGSI-P - Syntel, Inc. in favor of Bank of America, N.A., as Lender#page3.tif

source=2016 NGSI-P - Syntel, Inc. in favor of Bank of America, N.A., as Lender#page4.tif

source=2016 NGSI-P - Syntel, Inc. in favor of Bank of America, N.A., as Lender#page5.tif

NOTICE  
OF  
GRANT OF SECURITY INTEREST  
IN  
PATENTS

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Security and Pledge Agreement dated as of May 23, 2013 (as the same may be amended, modified, extended or restated from time to time, the "Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and Bank of America, N.A., as Lender (the "Lender"), the undersigned Obligor has granted a continuing security interest in and continuing lien upon the patents and patent applications shown below to the Lender:

PATENTS

<u>Patent No.</u>	<u>Description of Patent Item</u>	<u>Date of Patent</u>
-------------------	---------------------------------------	-----------------------

See Schedule 1 attached hereto

PATENT APPLICATIONS

<u>Patent Applications No.</u>	<u>Description of Patent Applied for</u>	<u>Date of Patent Applications</u>
--------------------------------	--	--

See Schedule 1 attached hereto

The undersigned Obligor and the Lender hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

SYNTEL, INC.,  
a Michigan corporation

By: \_\_\_\_\_



Name:

Title:

Daniel M. Moore  
Chief Administrative Officer  
and Secretary

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Lender

By: *Gregory A. Zosio*

Name: *Gregory A. Zosio*

Title: Vice President

SYNTEL, INC.  
NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS

**PATENT**  
**REEL: 038658 FRAME: 0748**

**Schedule 1**  
**Syntel, Inc.**  
**(Michigan Corporation)**

**U.S. Patents**

**Issued Patents**

<b>Title</b>	<b>Patent No.</b>	<b>Issue Date</b>
SYSTEM AND METHOD FOR AUTOMATICALLY MODIFYING SOURCE CODE TO ACCOMMODATE A SOFTWARE MIGRATION	9268907	02/23/16
COMPUTERIZED SYSTEM AND METHOD FOR AUDITING SOFTWARE CODE	9268675	02/23/16
AUTOMATED CODE ANALYZER	9235494	01/12/16
COMPUTERIZED MIGRATION TOOL AND METHOD	9182963	11/10/15

**Patent Applications**

<b>Title</b>	<b>Appl. No.</b>	<b>Filing Date</b>
ELECTRONIC COMMUNICATION NETWORK	15073855	03/18/16
DATA COMMUNICATION ACCELERATOR SYSTEM	62289648	02/01/16
EXIT LEGACY	62274488	01/04/16
RPT SWITCHER	62258037	11/20/15
STORE SERVICE WORKBENCH	14687251 20150220857	04/15/15
MODULE BASED SOFTWARE APPLICATION TESTING	14671073	03/27/15
HIGH EFFICIENCY DATA COMMUNICATION SYSTEM	14671232	03/27/15
SOFTWARE TESTING PLATFORM AND METHOD	14634084 20150178182	02/27/15
MOBILE WEB APPLICATION FRAMEWORK	14614971	02/05/15
CROSS-BROWSER WEB APPLICATION TESTING TOOL	14551265	11/24/14
ANALYTICS WORKBENCH	14501860 20160092799	09/30/14
SYSTEM AND METHOD FOR ENSURING MEDICAL BENEFIT CLAIM PAYMENT NEUTRALITY BETWEEN DIFFERENT DISEASE CLASSIFICATION CODES	14306208 20140372142	06/16/14
SYSTEM AND METHOD FOR VALIDATING MEDICAL CLAIM DATA	14306077 20140372140	06/16/14
SYSTEM AND METHOD FOR PROVIDING MAPPING BETWEEN DIFFERENT DISEASE CLASSIFICATION CODES	14306060 20140372148	06/16/14
SYSTEM AND METHOD FOR ANALYZING AN IMPACT OF A SOFTWARE CODE MIGRATION	14305994 20140372978	06/16/14
SYSTEM AND METHOD FOR VALIDATING INTEGRATED DATA RECASTING OBJECTS	14279484 20150331875	05/16/14
UNIVERSAL XML VALIDATOR (UXV) TOOL	14224516 20150278386	03/25/14

COMPUTERIZED SYSTEM AND METHOD OF GENERATING HEALTHCARE DATA KEYWORDS	14222031 20150269320	03/21/14
COMPUTERIZED SYSTEM AND METHOD FOR EXTRACTING BUSINESS RULES FROM SOURCE CODE	14211826 20140282396	03/14/14
COMPUTERIZED SYSTEM AND METHOD OF EVALUATING INSURANCE PRODUCT UNDERWRITING AND RATING DATA	14141622 20150187011	12/27/13
COMPUTERIZED INFRASTRUCTURE MANAGEMENT SYSTEM AND METHOD	14083719 20140143782	11/19/13
PERFORMANCE MEASUREMENT REPORTING SYSTEM AND METHOD FOR INSURANCE INDUSTRY	14083704 20140142990	11/19/13
COMPUTERIZED SYSTEM AND METHOD FOR BUSINESS PROCESS MODELING AND TESTING	14066760 20140195284	10/30/13
SYSTEM AND METHOD FOR EVALUATING READINESS OF APPLICATIONS FOR THE CLOUD	14063516 20140122577	10/25/13
AUTOMATED COLLABORATIVE ENVIRONMENT SITE VIEWER SYSTEM	14054348 20150106452	10/15/13
SYSTEM AND METHOD FOR ELECTRONICALLY SENDING A CALENDAR INVITE	14052241 20150106147	10/11/13
PARALLEL COMPUTE FRAMEWORK	14022652 20140082627	09/10/13
SYSTEM AND METHOD FOR MODELING CLOUD RULES FOR MIGRATION TO THE CLOUD	13746554 20130212553	01/22/13
SMARTDATA – DATA QUALITY MANAGEMENT SYSTEM AND METHOD	13656857	10/22/12