505633887 08/22/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5680693

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLEGACY FEDERAL CREDIT UNION	08/12/2019

RECEIVING PARTY DATA

Name:	ALLEGACY SERVICES, LLC	
Street Address:	1691 WESTBROOK PLAZA DRIVE	
City:	WINSTON-SALEM	
State/Country:	NORTH CAROLINA	
Postal Code:	27103	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8036967

CORRESPONDENCE DATA

Fax Number: (412)325-3324

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: 4123251115

Email: IP@spilmanlaw.com

Correspondent Name: SPILMAN THOMAS & BATTLE, PLLC

Address Line 1: 301 GRANT STREET

Address Line 2: ONE OXFORD CENTRE SUITE 3440
Address Line 4: PITTSBURGH, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER:	024939.0001
NAME OF SUBMITTER:	WILLIAM P. SMITH
SIGNATURE:	/William P. Smith/
DATE SIGNED:	08/22/2019

Total Attachments: 2

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PATENT 505633887 REEL: 050127 FRAME: 0987

PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT ("Assignment") is entered into effective as of June 14, 2019 ("Effective Date"), by and between ALLEGACY FEDERAL CREDIT UNION having an address of 1691 WESTBROOK PLAZA DR., WINSTON-SALEM, NORTH CAROLINA 27107 (collectively "Assignor") and ALLEGACY SERVICES, LLC, a North Carolina limited liability company, having its principal place of business at 1691 Westbrook Plaza Drive, Winston-Salem, NC 27103 (hereinafter referred to as "Assignee").

WHEREAS, Assignor is owner of undivided rights, title, and interests in and to inventions described in patent titled "BANK CARD FRAUD DETECTION AND/OR PREVENTION METHODS", namely, U.S. Patent No. 8,036,967, issued October 11, 2011, to Dean H. ADAMS ("the '967 Patent"); and

WHEREAS, pursuant to that certain License Agreement dated July 10, 2007, Assignor conveyed its Proprietary Rights in computer software to monitor and control fraud in credit and debit card transactions and check deposit fraud, including patent rights associated the software; and

WHEREAS, Assignee is desirous of acquiring an assignment of all of Assignor's rights, title, and interests in and to the '967 patent and the inventions disclosed therein;

NOW THEREFORE, be it known that for \$1.00, paid to Assignor and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby assign, convey and transfer unto Assignee, its lawful successors and assigns, all of Assignor's current and any future rights, title, and interests in, to and under the above-referenced patent and any patent applications or patents related thereto or to be obtained for the inventions, including the right to sue for past infringement.

Furthermore, Assignor hereby represents and warrants that Assignor is in possession of and has the unfettered right to convey by this Assignment the full rights, title, and interest in, to and under the '967 Patent and the inventions disclosed therein; Assignor has not executed and will not execute any assignment or other legal document in conflict with this Assignment; and

Finally, Assignor and Johnson hereby covenant and agree that they will, without further consideration, communicate with Assignee, its successors and assigns, any facts known or that become known to them respecting the inventions, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that might be necessary or

PATENT REEL: 050127 FRAME: 0988 desirable to perfect the assignment of the rights, title and interests under this Assignment, execute all reissue or reexamination applications, make all oaths and inventor declarations, and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce patent protection for the inventions disclosed in the '967 Patent and otherwise to enjoy the full benefit of the assignment made herein, it being understood that any expense incident thereto shall be borne by Assignee, its successors and assigns.

IN WITNESS WHEREOF, the Assignor has hereunto set his or her hand and seal:

Cathy J. Pace (SEAL) Date: 8/12/19

ALLEGACY FEDERAL CREDIT UNION

By its President and Chief Executive Officer:

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(Notary Seal)	\$0000000000000000000000000000000000000
My Commission Exp	ires: 11/20/2023
	y L. Wendt
Notary Signature: (to K. Wende
(person appearing bet	
acknowledged to me foregoing document f the capacity indicated	
United States of Ame On this 12th day of	- August .2019.
County of Forsyth	on and
State of North Caroli	na

PATENT REEL: 050127 FRAME: 0989

RECORDED: 08/22/2019