### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Bruce Schuette	05/24/2010
Chuck Loether	05/12/2010
Elizabeth Bauman	05/11/2010
Mike Sprankle	05/07/2010

#### **RECEIVING PARTY DATA**

Name:	The PNC Financial Services Group, Inc.
Street Address:	249 Fifth Avenue
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15222

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12702961

#### **CORRESPONDENCE DATA**

Fax Number: (412)355-6501

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 412 355-6798

Email: patents@klgates.com
Correspondent Name: Christopher G. Wolfe
Address Line 1: 210 Sixth Avenue
Address Line 2: K&L Gates Center

Address Line 4: Pittsburgh, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	090148-1
NAME OF SUBMITTER:	Christopher G. Wolfe

Total Attachments: 8

PATENT REEL: 024435 FRAME: 0332 \$40.00 127029

501185915



PATENT REEL: 024435 FRAME: 0333

Attorney's Docket No. 090148-1	PATENT		
	For: ⊠ U.S. and/or ⊠ Foreign Rights For: ⊠ U.S. Application or		
	U.S. Provisional Application		
	For: ☐ U.S. Patent For: ☐ PCT Application		
	By: Multiple Inventors		
Serial No. <u>12/702,961</u>			
Filing Date: February 9, 2010	<del></del>		
ASSIGNMENT OF	INVENTION (MULTIPLE INVENTORS)		
In consideration of the payment by ASS receipt of which is hereby acknowledged, a	SIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the and for other good and valuable consideration,		
ASSIGNORS (Inventors):			
Bruce Schuette	270 S. Parkway Drive Delaware, OH 43015 USA		
(type or print name of inventors)	Address Nationality		
Obvioled with se	114 Kathy Ann Court		
Chuck Loether	McMurray, PA 15317 USA		
Elizobath Pauman	P.O. Box: 664, Firecode 17 Birch Edgewood, NM 87015 USA		
Elizabeth Bauman	Eugewood, NM 87015 USA		
Mike Sprankle	1618 Brandtview Court Wexford, PA 15090 USA		
hereby sells, assigns and transfers to			
ASSIGNEE:			
The PNC Financial Services Group, Inc. (type or print name of ASSIGNEE)	249 Fifth Avenue Address		
(a Pennsylvania corporation)	Pittsburgh, PA 15222		
and the successors, assigns and legal repre	sentatives of the ASSIGNEE		
$oxed{\boxtimes}$ the entire right, title and interest			
and its territorial possessions	percent (%) interest for the United States		
(check the following box	r, if foreign rights are also to be assigned)		
☑ and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:  ELECTRONIC CASH LETTER PROCESSING			
and which is found in:			
(a) U.S. patent application execu	ted on even date herewith;		
(b) ☑ U.S. application no.: <u>12/702.9</u>	61 filed on <u>February 9, 2010</u>		
PI-2364527 v1 0237710-00279	(Assignment of Invention-Multiple Inventors [16-3.2]-page 1)		

**PATENT** 

**REEL: 024435 FRAME: 0334** 

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have	e hereunto set hand and seal this	
•	v h /1.	Date of signing
Bruce Schuette	A Price / chull	X 5/24/2010
(type name of Inventor)	Signature of INVENTOR	Date
Chuck Loether	X	X
(type name of inventor)	Signature of INVENTOR	Date
Elizabeth Bauman	X	X
(type name of Inventor)	Signature of INVENTOR	Date
Mike Sprankle	X	X
(type name of Inventor)	Signature of INVENTOR	Date

REEL: 024435 FRAME: 0335

Attorney's Docket No <u>. 090148-1</u>	PATENT
Serial No12/702,961	For: ☑ U.S. and/or ☑ Foreign Rights  For: ☑ U.S. Application or ☐ U.S. Provisional Application  For: ☐ U.S. Patent  For: ☐ PCT Application  By: Multiple Inventors
Filing Date: February 9, 2010	
400,000,000	
•	VENTION (MULTIPLE INVENTORS)
receipt of which is hereby acknowledged, and	NEE to ASSIGNOR of the sum of One Dollar (\$1.00), the for other good and valuable consideration,
ASSIGNORS (Inventors):	
Bruce Schuette	270 S. Parkway Drive
(type or print name of inventors)	Delaware, OH 43015 USA Address Nationality
Chuck Loether	114 Kathy Ann Court McMurray, PA 15317 USA
Elizabeth Bauman	P.O. Box: 664, Firecode 17 Birch Edgewood, NM 87015 USA
Mike Sprankle	1618 Brandtview Court Wexford, PA 15090 USA
hereby sells, assigns and transfers to	
ASSIGNEE:	
The PNC Financial Services Group, Inc. (type or print name of ASSIGNEE)	249 Fifth Avenue Address
(a Pennsylvania corporation)	Pittsburgh, PA 15222
and the successors, assigns and legal represe	
★ the entire right, title and interest	
an undivided pand its territorial possessions	ercent (%) interest for the United States
(check the following box, i	if foreign rights are also to be assigned)
all foreign countries, in and to any and all impro	ing all rights to claim priority both in the United States and in overnents which are disclosed in the invention entitled: I LETTER PROCESSING
and which is found in:	
(a) U.S. patent application execute	d on even date herewith;
(b) 🛛 U.S. application no.: 12/702.96	filed on February 9, 2010
PI-2364527 v1 0237710-00279	(Assignment of Invention-Multiple Inventors [16-3.2]-page 1)

**PATENT** REEL: 024435 FRAME: 0336

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment,

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITHESS WHEREOF, WE HAVE	e nereunto set hand and seal this	
•		Date of signing
Bruce Schuette	$\mathbf{X}$	X
(type name of inventor)	Signature of INVENTOR	Date
Chuck Loether	X Church I	wither X 5/12/1
(type name of Inventor)	Signature of INVENTOR	Date
Elizabeth Bauman	X	X
(type name of Inventor)	Signature of INVENTOR	Date
Mike Sprankle	$\mathbf{x}$	X
(type name of Inventor)	Signature of INVENTOR	Date

(Assignment of Invention-Multiple Inventors (16-3.2]-page 2)

Attorney's Docket No. 090148-1	PATENT
	For: ⊠ U.S. and/or ⊠ Foreign Rights For: ⊠ U.S. Application or □ U.S. Provisional Application
	For: PCT Application
Serial No. <u>12/702,961</u>	By: Multiple Inventors
Filing Date: February 9, 2010	·
ASSIGNMENT OF IN	VENTION (MULTIPLE INVENTORS)
In consideration of the payment by ASSIG receipt of which is hereby acknowledged, and	SNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the for other good and valuable consideration,
ASSIGNORS (Inventors):	
Bruce Schuette	270 S. Parkway Drive <u>Delawa</u> re, OH 43015 USA
(type or print name of inventors)	Address Nationality
Chuck Loether	114 Kathy Ann Court McMurray, PA 15317 USA
Elizabeth Bauman	P.O. Box: 664, Firecode 17 Birch Edgewood, NM 87015 USA
Mike Sprankle	1618 Brandtview Court Wexford, PA 15090 USA
hereby sells, assigns and transfers to	·
ASSIGNEE:	
The PNC Financial Services Group, Inc. (type or print name of ASSIGNEE)	249 Fifth Avenue Address
(a Pennsylvania corporation)	Pittsburgh, PA 15222
and the successors, assigns and legal representations	entatives of the ASSIGNEE
★ the entire right, title and interest	
and its territorial possessions	percent (%) interest for the United States
(check the following box,	if foreign rights are also to be assigned)
all foreign countries, in and to any and all impi	ding all rights to claim priority both in the United States and in rovements which are disclosed in the invention entitled:  H LETTER PROCESSING
and which is found in:	
(a) U.S. patent application execut	ed on even date herewith;
(b) 🛛 U.S. application no.: <u>12/702,96</u>	filed on February 9, 2010

PI-2364527 v1 0237710-00279

PATENT REEL: 024435 FRAME: 0338

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1)

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IN WITNESS WHEREOF, We have hereunto a	set hand and seal this	•
·		Date of signing
Bruce Schuette	X	X
(type name of Inventor)	Signature of INVENTOR	Date
Chuck Loether	X	X
(type name of inventor)	Signature of INVENTOR	Date
Elizabeth Bauman	x Elfaleth E	ausman 5/11/10
(type name of Inventor)	Signature of INVENTOR	Date
Mike Sprankle	X	X
(type name of Inventor)	Signature of INVENTOR	Date

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2)

PATENT REEL: 024435 FRAME: 0339

Attorney's Docket No <u>. 090148-1</u>		PATENT	
	For: 🛭 For: 🔲 For: 🔲	U.S. and/or  Foreign Right U.S. Application or U.S. Provisional Application U.S. Patent PCT Application Itiple Inventors	s
Serial No. <u>12/702,961</u>	Ly. IVIU	iupie inventors	
Filing Date: February 9, 2010			
ASSIGNMENT OF IN	VENTION (	MULTIPLE INVENTORS)	
In consideration of the payment by ASSIG receipt of which is hereby acknowledged, and			
ASSIGNORS (Inventors):		270 S. Parkway Drive	
Bruce Schuette	<u>.                                    </u>	Delaware, OH 43015	USA
(type or print name of inventors)		Address	Nationality
Chuck Loether		114 Kathy Ann Court McMurray, PA 15317	USA
Elizabeth Bauman		P.O. Box: 664, Firecode 17 B Edgewood, NM 87015	irch USA
Mike Sprankle		1618 Brandtview Court Wexford, PA 15090	USA
hereby sells, assigns and transfers to			
ASSIGNEE:			
The PNC Financial Services Group, Inc. (type or print name of ASSIGNEE)		249 Fifth Avenue Address	
(a Pennsylvania corporation)	<u>F</u>	Pittsburgh, PA 15222	
and the successors, assigns and legal represe	entatives of t	the ASSIGNEE	٠.
☑ the entire right, title and interest			
an undivided p and its territorial possessions	ercent (	%) interest for	the United States
(check the following box, i	if foreign rig	hts are also to be assigned)	•
	ovements w	hich are disclosed in the inve	Inited States and in intion entitled:
and which is found in:			
(a) U.S. patent application execute	ed on even d	late herewith;	
(b) U.S. application no.: 12/702,96	1	filed on February 9, 2010	

PI-2364527 v1 0237710-00279

PATENT **REEL: 024435 FRAME: 0340** 

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1)

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IN WITNESS WHEREOF, We have her	eunto set hand and seal this	Date of signing
Bruce Schuette	X	X
(type name of inventor)	Signature of INVENTOR	Date
Chuck Loether	X	$\mathbf{X}$
(type name of Inventor)	Signature of INVENTOR	Date
Elizabeth Bauman	<b>X</b>	X
(type name of Inventor)	Signature of INVENTOR	Date
Mike Sprankle (type name of Inventor)	X Mike Smakle Signature of INVENTOR	X 5/1/2010 Date

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2)

PATENT REEL: 024435 FRAME: 0341

RECORDED: 05/25/2010