504691942 12/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4738663

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GIESECKE & DEVRIENT GMBH	12/01/2017

RECEIVING PARTY DATA

Name:	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH	
Street Address:	Street Address: PRINZREGENTENSTRASSE 159	
City:	MUNICH	
State/Country:	GERMANY	
Postal Code:	81677	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	29503946
Application Number:	29503947
Application Number:	29503948

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	19838.0
NAME OF SUBMITTER:	JUSTIN J. CASSELL
SIGNATURE:	/Justin J. Cassell/
DATE SIGNED:	12/18/2017

Total Attachments: 3

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PATENT 504691942 REEL: 044889 FRAME: 0045

WHEN RECORDED RETURN TO:

Workman Nydegger

60 East South Temple, Suite 1000 Salt Lake City, UT 84111

ASSIGNMENT

WHEREAS, Assignor, Glesecke & Devrient GmbH, a corporation of the Country of Germay,

having a principal place of business at Prinzregentenstrasse 159, 81677 Munich, Germany, is the owner of

record of the pending United States and foreign patent applications and issued patents listed in the

attached Schedule A.

WHEREAS, Assignee, Giesecke+Devrient Currency Technology GmbH, a corporation of the

Country of Germany, having a principal place of business at Prinzregentenstrasse 159, 81677 Munich,

Germany, desires to secure the entire right, title and interest in the listed patent applications and issued

patents.

THEREFORE, in exchange for good and valuable consideration paid to us by Assignee, the

receipt and sufficiency of which we hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO

ASSIGNEE:

The entire right, title and interest in the invention in the above-identified United States

patent application and in all divisions, continuations and continuations-in-part of the application,

or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding

applications which may be filed in countries foreign to the United States, and in all patents

issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever

such right may be legally exercised, including the right to claim the benefits of the International

convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and

Trademarks and such Patent Office officials in foreign countries as are duly authorized by their patent

laws to issue patents to issue any and all patents on said invention to the Assignee as the owner of the

entire interest, for the sole use of Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense, to sign all lawful

papers and to perform all other lawful acts which Assignee may request of Assignor to make this

Assignment fully effective, including, by way of example but not of limitation, the following:

PATENT

PATENT APPLICATION Docket Nos.: 19838.0

REEL: 044889 FRAME: 0046

Prompt execution of all original, divisional, substitute, reissue and other United States and foreign patent applications on the invention, and all lawful documents requested by Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension or infringement proceedings involving the invention.

DATED_	December 1, 2017		
		Giese	:ke & Devrient GmhH
		-25555555555555	1 W.Z.
		Ву:	ppa. Dr. Reinhard Warmke
		Title:	Group Vice President
			(h. 4)
		By:	ppa. Manfred Ertl
		Title:	Group Vice President

Gieseeke+Devrient Currency Technology GmbH

ACCEPTED December 5, 2017

By: Bernd Kümmerle

Title: Managing Director

By: ppa. Raif Gerlach

Title: Group Vice President

SCHEDULE A

Country	Patent No./ Application No.	Grant Date/ Filing Date	Title
US	D769,000 S 29/503,946	October 18, 2016 September 30, 2014	SHEET DOCUMENT WITH SECURITY ELEMENT
US	D780,463 S 29/503,947	March 7, 2014 September 30, 2014	SHEET DOCUMENT WITH SECURITY ELEMENT
US	D769,001 S 29/503,948	October 18, 2016 September 30, 2014	SHEET DOCUMENT WITH SECURITY ELEMENT

RECORDED: 12/18/2017

PATENT REEL: 044889 FRAME: 0048