

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
George French	01/17/2012
RECEIVING PARTY DATA	
Name:	Barclays Bank PLC
Street Address:	One Churchill Place
Internal Address:	29th Floor
City:	London
State/Country:	UNITED KINGDOM
Postal Code:	E14 5HP
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13379736
CORRESPONDENCE DATA	
Fax Number:	(215)963-5001
Phone:	2159635091
Email:	cmatticks@morganlewis.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Alison B. Weisberg
Address Line 1:	Morgan Lewis & Bockius LLP
Address Line 2:	1701 Market Street
Address Line 4:	Philadelphia, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	101141-5001-US
NAME OF SUBMITTER:	Alison B. Weisberg
Total Attachments: 2 source=20120208asgn#page1.tif source=20120208asgn#page2.tif	

CH \$40.00 13379736

ASSIGNMENT

WHEREAS, I, GEORGE FRENCH, a citizen of Great Britain, with a post office address of 6 Merlin Gardens, Bedford, MK41 7HL, United Kingdom, hereinafter generally referred to as "ASSIGNOR", have invented a certain new and useful invention entitled:

**METHOD AND SYSTEM FOR PROVISION
OF CRYPTOGRAPHIC SERVICES**

which is found in a U.S. national phase application for Letters Patent of the United States, having application serial number 13/379,736 and claiming priority to PCT/GB2010/051034 with an international filing date of June 22, 2010; and

WHEREAS, BARCLAYS BANK PLC, a corporation of Great Britain, having a place of business at One Churchill Place, 29th Floor, London E14 5HP, United Kingdom, hereinafter generally referred to as "ASSIGNEE," is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, for good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named ASSIGNEE, all

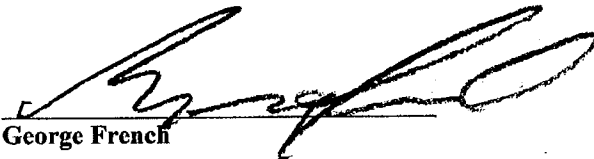
patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

It is agreed that ASSIGNOR shall be legally bound, upon request and at the expense of ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practicing of said invention, to testify in any legal proceeding relating thereto.

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

IN WITNESS WHEREOF, I have hereunto set my hand and seal, as follows:

17th Jan 2012
(Date)


George French