

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7420498

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
FEDERAL CARD SERVICES, LLC		03/31/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	AMATECH GROUP LIMITED	
<b>Street Address:</b>	UNIT 7, SPIDDAL INDUSTRIAL ESTATE	
<b>City:</b>	CO. GALWAY	
<b>State/Country:</b>	IRELAND	
<b>Postal Code:</b>	H91 DT02	
<b>Name:</b>	FEDERAL CARD SERVICES, LLC	
<b>Street Address:</b>	263 STILLE DRIVE	
<b>City:</b>	CINCINNATI	
<b>State/Country:</b>	OHIO	
<b>Postal Code:</b>	45244	
<b>PROPERTY NUMBERS Total: 39</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	16991124	
Application Number:	16991136	
Application Number:	16993295	
Application Number:	16995849	
Application Number:	17079544	
Application Number:	17079606	
Application Number:	17097541	
Application Number:	17147488	
Application Number:	17544603	
Application Number:	17671584	
Application Number:	29744674	
Application Number:	29744675	
Application Number:	62885327	
Application Number:	62886370	
Application Number:	62886978	

Property Type	Number
Application Number:	62888539
Application Number:	62889555
Application Number:	62891308
Application Number:	62894976
Application Number:	62912701
Application Number:	62936453
Application Number:	62960178
Application Number:	62964138
Application Number:	62969034
Application Number:	62971927
Application Number:	62978826
Application Number:	62979422
Application Number:	62981040
Application Number:	62986612
Application Number:	63014142
Application Number:	63018902
Application Number:	63031571
Application Number:	63035670
Application Number:	63040033
Application Number:	63040544
Application Number:	63079131
PCT Number:	US2020057265
PCT Number:	US2020057282
PCT Number:	US2020060417

#### CORRESPONDENCE DATA

**Fax Number:** (312)775-8100

*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:** 312-775-8000

**Email:** dwilson@mcandrews-ip.com

**Correspondent Name:** MCANDREWS, HELD & MALLOY, LTD.

**Address Line 1:** 500 W. MADISON STREET

**Address Line 4:** CHICAGO, ILLINOIS 60661

<b>ATTORNEY DOCKET NUMBER:</b>	AMATECH/FCS
<b>NAME OF SUBMITTER:</b>	ANDREW B. KARP
<b>SIGNATURE:</b>	/Andrew B. Karp/
<b>DATE SIGNED:</b>	07/07/2022
<b>Total Attachments: 14</b>	

source=Assignment-p1-6#page1.tif  
source=Assignment-p1-6#page2.tif  
source=Assignment-p1-6#page3.tif  
source=Assignment-p1-6#page4.tif  
source=Assignment-p1-6#page5.tif  
source=Assignment-p1-6#page6.tif  
source=Assignment-p7-11#page1.tif  
source=Assignment-p7-11#page2.tif  
source=Assignment-p7-11#page3.tif  
source=Assignment-p7-11#page4.tif  
source=Assignment-p7-11#page5.tif  
source=1\_receipt\_220425#page1.tif  
source=1\_receipt\_220425#page2.tif  
source=1\_receipt\_220425#page3.tif

RFID SLIT TECHNOLOGY PATENT LICENSE AND  
CHIP MODULE SUPPLY AGREEMENT  
AMENDMENT #1

**WHEREAS, AmaTech Group Limited**, an Irish company with an address at Unit 7, Spiddal Industrial Estate, CO. Galway, H91 DT02, Ireland and its wholly owned subsidiary, **Feinics Amatech Teoranta** (collectively, "**Licensor**"), and **Federal Card Services, LLC**, an Ohio Limited Liability Company with its principal place of business at 263 Stille Drive, Cincinnati, Ohio 45244, USA ("**Federal**" or the "**Licensee**") entered into a RFID SLIT TECHNOLOGY PATENT LICENSE AND CHIP MODULE SUPPLY AGREEMENT dated as of 1 July 2019 (the "**Agreement**");

Whereas an issue has arisen as to the ownership of certain intellectual property; and

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1.10 [new] "Assigned FCS Patents" shall mean and include: the patents and applications relevant to Smart Cards using RFID Slit Technology that are described in Annex A.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



Section 14.3 is amended by adding the following language:

The Parties agree that the Assigned FCS Patents are jointly owned patents. Upon its execution of this Amendment #1, Licensee irrevocably assigns a 50% ownership interest in the Assigned FCS Patents to AmaTech Group Limited.

[REDACTED]

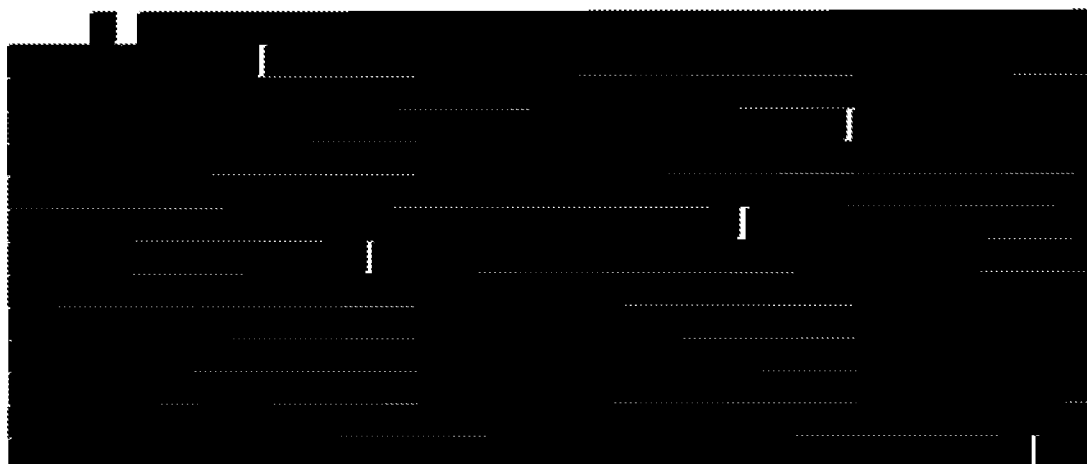
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

25



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

05

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]


[REDACTED]

[REDACTED]

In witness whereof, the parties have each caused to be affixed hereto its or his/her hand and seal:

**AmaTech Group Limited**

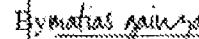
By: \_\_\_\_\_

  
Sean Shine  
Chief Executive Officer

Date: March 31, 2022

**Federal Card Services, LLC**

DocuSigned by:




Hymatis Gainza Eurnekian  
Manager

Date: March 31, 2022

**Feinics AmaTech Teoranta**

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

  
Sean Shine  
Chief Executive Officer

Date: March 31, 2022

**Annex A**

“Assigned FCS Patents” refers to FCS-owned patents and applications anywhere in the world which concurrently meet the following requirements: 1) were filed before, or claim priority to, any patent application filed before April 15, 2021, 2) which name David Finn, Sean Finn and/or Darren Molloy as inventors or co-inventors, and 3) which relate to Smart Cards using RFID Slit Technology.

Amendment #1 refers to Assigned FCS Patents, FCS-Enforceable Assigned FCS Patents, and Excluded Claims. Those patents are described below, by category.

In the below chart, the patents and applications labeled as “A” are Assigned FCS Patents, without restriction. As to those labeled “B,” and “C,” although these will be recorded with the PTO as co-owned patents and applications, the Parties have agreed that those labeled “B” and “C” are FCS-Enforceable Assigned FCS Patents. As to those labeled “D,” the parties will not record an assignment and FCS shall retain all rights of ownership to claims in the Category D patents which are directed towards biometrics; how to apply security features to metal cards using holograms and diffraction gratings; specific ways on how to construct metal cards with thin ceramic face using ultra-thin flexible ceramic material or flexible glass; or the specific customer product design using an integrated parallel plate capacitor bank” or “protruding boss.”

FCS Docket.	US Non-Prov. Appl.	PCT Non-Prov. Appl.	Filing Data	L
E112v1	US 17/147,488		2/15/22	A
	U.S. 17/671,584			A
E118	U.S. 16/993,295	PCT/US2020/046262	8/14/20	A
	U.S. 17/544,603			A
E119v1	U.S. 16/991,124			A
E119v2	U.S. 16/991,136		8/12/20	A
E120	U.S. 16/995,849		8/12/20	A
FCS017	U.S. 17/079,544	PCT/US2020/057265		A
FCS013	U.S. 17/097,541	PCT/US2020/060417	11/13/20	B
FCS017	U.S. 17/079,606	PCT/US2020/057282	10/26/20	B
E117	U.S. 16/994,558	PCT/US2020/046565	8/15/20	D
		EP20851545 (EIS-014)		D
E119v1	U.S. 16/991,142	PCT/US2020/045840	8/12/20	D
		EP20853008 (EIS-013)		D
FCS014	U.S. 17/019,378		9/14/20	D

FCS015	U.S. 17/062,591		10/4/20	D
FCS016	U.S. 17/068839		10/13/20	D
FCS018	U.S. 17/092,332	PCT/US2020/059597	44144	D
FCS019	U.S. 17/219,916	PCT/US2021/025292	44287	D
		PCT/US2021/042111		D

FCS Docket.	US Non-Prov. Appl.	PCT Non-Prov. Appl.	Filing date2	L
E101	U.S. 62/885327		8/12/19	A
E103	U.S. 62/886978		8/15/19	A
E108	U.S. 62/891308		8/24/19	A
E112ppa	U.S. 62/960178		1/13/20	A
E113	U.S. 62/969034		43862	A
E103v2	U.S. 62/978826		2/20/20	A
E101v2	U.S. 62/979422		2/21/20	A
E102v2	U.S. 62/981040		2/25/20	A
E104v2	U.S. 62/986612		3/6/20	A
E114	U.S. 63/014142		4/23/20	A
E114v2	U.S. 63/031571		5/29/20	A
FCS013USPSP 0752359	U.S. 63/018902		5/1/20	B
FCS013USPSPv 2.0736186	U.S. 63/079131		9/16/20	B
FCS008ppa	U.S. 62/936453		11/16/19	B
E113v2	U.S. 62/971927		43869	B
E113v3	U.S. 63/040544		44000	B
E102	U.S. 62/886370		8/14/19	C
E105	U.S. 62/888539		8/18/19	C
E107	U.S. 62/889555		8/20/19	C
E111	U.S. 62/912701		10/9/19	C
E111v2ppa	U.S. 63/035670		6/5/20	C
E105v2	U.S. 63/040033		6/17/20	C

E110	U.S. 62/894976	43711	C
FCS010ppa	U.S. 62/964138	43852	C
E115 D1	29/744,674 – D942,538	44593	C
E115 D2	29/744,675 – D943,024	44600	C

E106	U.S. 62/889055	8/20/19	D
E104	U.S. 62/887696	8/16/19	D
E109	U.S. 62/891433	8/26/19	D
FCS001ppa	U.S. 62/900566	9/15/19	D
FCS002ppa	U.S. 62/911236	10/5/19	D
FCS001v2	U.S. 62/912077	10/8/19	D
FCS003ppa	U.S. 62/914485	10/13/19	D
FCS004ppa	U.S. 62/925255	10/24/19	D
FCS005ppa	U.S. 62/927157	10/29/19	D
FCS006ppa	U.S. 62/932506	11/8/19	D
FCS007ppa	U.S. 62/933526	11/11/19	D
E109v2	U.S. 62/936519	11/17/19	D
FCS009ppa	U.S. 62/946990	12/12/19	D
FCS011ppa	U.S. 62/979440	2/21/20	D
FCS012	U.S. 63/004491	4/2/20	D
E115USPSP.07 33100	U.S. 63/030998	5/28/20	D
E106v2	U.S. 63/034965	6/4/20	D
E112v2	U.S. 63/053559	7/17/20	D
E112v3	U.S. 63/080,034	9/18/20	D

SS

**ANNEX B**  
**ASSIGNMENT**

Application No.	FCS Docket. No.
U.S. 16/991,124	E119v1
U.S. 16/991,136	E119v2
U.S. 16/993,295	E118us
U.S. 16/995,849	E120
U.S. 17/079,544	FCS017
U.S. 17/079,606	FCS017us
U.S. 17/097,541	FCS013us
U.S. 17/147,488	E112v1
U.S. 17/544,603	
U.S. 17/671,584	
U.S. 29/744,674	E115USD1.0734159
U.S. 29/744,675	E115USD2.0734160
U.S. 62/885327	E101
U.S. 62/886370	E102
U.S. 62/886978	E013
U.S. 62/888539	E105
U.S. 62/889555	E107
U.S. 62/891308	E108
U.S. 62/894976	E110
U.S. 62/912701	E111
U.S. 62/885327	E101

Application No.	FCS Docket. No.
U.S. 62/936453	FCS008ppa
U.S. 62/960178	E112ppa
U.S. 62/964138	FCS010ppa
U.S. 62/969034	E113
U.S. 62/971927	E113v2
U.S. 62/978826	E103v2
U.S. 62/979422	E101v2
U.S. 62/981040	E102v2
U.S. 62/986612	E104v2
U.S. 63/014142	E114
U.S. 63/018902	FCS013USPSP.0732359
U.S. 63/031571	E114v2
U.S. 63/035670	E111v2ppa
U.S. 63/040033	E105v2
U.S. 63/040544	E113v3
U.S. 63/079131	FCS013USPSPv2.0736186
PCT/US2020/046262	E118pct
PCT/US2020/057265	FCS017
PCT/US2020/057282	FCS017pct
PCT/US2020/060417	FCS013pct

In consideration of good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, and according to Amendment #1 to the RFID SLIT TECHNOLOGY PATENT LICENSE AND CHIP MODULE SUPPLY AGREEMENT, a redacted version of which is attached hereto as Schedule 1, Federal Card Services, LLC, an Ohio Limited Liability Company with its principal place of business at 263 Stille Drive, Cincinnati, Ohio 45244 ("Assignor"), hereby assigns to AmaTech Group Limited, an Irish company with an address at Unit 7, Spiddal Industrial Estate, CO. Galway, H91 DT02, Ireland and its wholly owned subsidiary, Feinics Amatech Teoranta ("Assignee"), and its successors and assigns, 50% of the entire right, title and interest in the patents and patent applications identified above, and any inventions and improvements disclosed therein, and any continuation, continuation-in-part, divisional, reexamination, reissue, and extension of such patents or applications, and any other

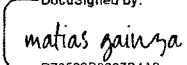
application including said inventions and improvements, and any Letters Patent of the United States and other jurisdictions, which may be obtained on any of said applications, inventions, and improvements (collectively, the "Assigned Properties).

Assignor warrants to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the Assigned Properties.

Assignor authorizes Assignee's attorneys to add or update the "Application No." and "FCS Docket No." information above that identifies the Assigned Properties as appropriate, including as required by Amendment #1 to the RFID SLIT TECHNOLOGY PATENT LICENSE AND CHIP MODULE SUPPLY AGREEMENT.

For said considerations, Assignor hereby agrees, upon the request and at the expense of Assignees, and its successors and assigns, to execute any documents required for the Assigned Properties, including any oath, affidavit, or declaration relating thereto, and any other documents that Assignee, its successors or assigns, may deem necessary or expedient. Assignor authorizes Assignee, and its successors and assigns, to file patent applications for any inventions and improvements disclosed in the Assigned Properties jointly in Assignee's and Assignor's name, and its successors and assigns, in such countries where such procedure is proper and further agree, upon the request of Assignee, its successors and assigns, to cooperate to the best of the ability of the Assignor with Assignee, its successors and assigns, in any proceedings or transactions involving the Assigned Properties, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both the United States and other jurisdictions.

Signature of Assignor:

DocuSigned by:  
  
D79539B8287B4A8  
Matias Gainza Eurnekian, Manager

Date: \_\_\_\_\_





United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)*Electronic Patent Assignment System***Confirmation Receipt**

Your assignment has been received by the USPTO.  
The coversheet of the assignment is displayed below:

**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1

Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>FEDERAL CARD SERVICES, LLC</td><td>03/31/2022</td></tr></table>	Name	Execution Date	FEDERAL CARD SERVICES, LLC	03/31/2022									
Name	Execution Date												
FEDERAL CARD SERVICES, LLC	03/31/2022												
<b>RECEIVING PARTY DATA</b>													
<table border="1"><tr><td><b>Name:</b></td><td>AMATECH GROUP LIMITED</td></tr><tr><td><b>Street Address:</b></td><td>UNIT 7, SPIDDAL INDUSTRIAL ESTATE</td></tr><tr><td><b>City:</b></td><td>CO. GALWAY</td></tr><tr><td><b>State/Country:</b></td><td>IRELAND</td></tr><tr><td><b>Postal Code:</b></td><td>H91 DT02</td></tr></table>	<b>Name:</b>	AMATECH GROUP LIMITED	<b>Street Address:</b>	UNIT 7, SPIDDAL INDUSTRIAL ESTATE	<b>City:</b>	CO. GALWAY	<b>State/Country:</b>	IRELAND	<b>Postal Code:</b>	H91 DT02			
<b>Name:</b>	AMATECH GROUP LIMITED												
<b>Street Address:</b>	UNIT 7, SPIDDAL INDUSTRIAL ESTATE												
<b>City:</b>	CO. GALWAY												
<b>State/Country:</b>	IRELAND												
<b>Postal Code:</b>	H91 DT02												
<b>PROPERTY NUMBERS Total: 40</b>													
<table border="1"><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>16991124</td></tr><tr><td>Application Number:</td><td>16991136</td></tr><tr><td>Application Number:</td><td>16993295</td></tr><tr><td>Application Number:</td><td>16995849</td></tr><tr><td>Application Number:</td><td>17079544</td></tr></table>	Property Type	Number	Application Number:	16991124	Application Number:	16991136	Application Number:	16993295	Application Number:	16995849	Application Number:	17079544	
Property Type	Number												
Application Number:	16991124												
Application Number:	16991136												
Application Number:	16993295												
Application Number:	16995849												
Application Number:	17079544												

**PATENT**

<b>Application Number:</b>	17079606
<b>Application Number:</b>	17097541
<b>Application Number:</b>	17147488
<b>Application Number:</b>	17544603
<b>Application Number:</b>	17671584
<b>Application Number:</b>	29744674
<b>Application Number:</b>	29744675
<b>Application Number:</b>	62886370
<b>Application Number:</b>	62886978
<b>Application Number:</b>	62888539
<b>Application Number:</b>	62889555
<b>Application Number:</b>	62891308
<b>Application Number:</b>	62894976
<b>Application Number:</b>	62912701
<b>Application Number:</b>	62885327
<b>Application Number:</b>	62936453
<b>Application Number:</b>	62960178
<b>Application Number:</b>	62964138
<b>Application Number:</b>	62969034
<b>Application Number:</b>	62971927
<b>Application Number:</b>	62978826
<b>Application Number:</b>	62979422
<b>Application Number:</b>	62981040
<b>Application Number:</b>	62986612
<b>Application Number:</b>	63014142
<b>Application Number:</b>	63018902
<b>Application Number:</b>	63031571
<b>Application Number:</b>	63035670
<b>Application Number:</b>	63040033
<b>Application Number:</b>	63040544
<b>Application Number:</b>	63079131
<b>PCT Number:</b>	US2020046262
<b>PCT Number:</b>	US2020057265
<b>PCT Number:</b>	US2020057282
<b>PCT Number:</b>	US2020060417

**PATENT**



**CORRESPONDENCE DATA****Fax Number:** (312)775-8100**Phone:** 312-775-8000**Email:** mhmpo@mcandrews-ip.com*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.***Correspondent Name:** MCANDREWS, HELD & MALLOY, LTD.**Address Line 1:** 500 W. MADISON STREET**Address Line 4:** CHICAGO, ILLINOIS 60661**ATTORNEY DOCKET  
NUMBER:**

FCS/AMATECH

**NAME OF SUBMITTER:**

ANDREW B. KARP

**Signature:**

/Andrew B. Karp/

**Date:**

04/25/2022

**Total Attachments: 11**

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

source=Assignment#page5.tif

source=Assignment#page6.tif

source=Assignment#page7.tif

source=Assignment#page8.tif

source=Assignment#page9.tif

source=Assignment#page10.tif

source=Assignment#page11.tif

**RECEIPT INFORMATION****EPAS ID:** PAT7295588**Receipt Date:** 04/25/2022[Return to home page](#)[| HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)**PATENT****RECORDED: 07/07/2022**<https://epas.uspto.gov/cgi-bin/receipt.jsp?iname=DB0E65PT1GS7-4>**REEL: 060432 FRAME: 0910**