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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7360713

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MCAFEE, LLC | 07/26/2021 |
| RECEIVING PARTY DATA | |
| Name: | MUSARUBRA US LLC |
| Street Address: | 6220 AMERICA CENTER DRIVE |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95002 |
| PROPERTY NUMBERS Total: 4 | |
| Property Type | Number |
| Application Number: | 15089021 |
| Application Number: | 14757782 |
| Application Number: | 16133485 |
| Application Number: | 16985920 |
| CORRESPONDENCE DATA | |
| Fax Number: | (212)931-8521 |
| <i>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.</i> | |
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| Address Line 2: | STE 165, #106 |
| Address Line 4: | SUFFERN, NEW YORK 10901 |
| ATTORNEY DOCKET NUMBER: | 1303012.198 AND 200 |
| NAME OF SUBMITTER: | MATTHEW T. BYRNE |
| SIGNATURE: | /Matthew T Byrne/ |
| DATE SIGNED: | 06/01/2022 |
| Total Attachments: 24 | |
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Patent Assignment"), is made effective as of July 26, 2021 (the "Effective Date"), by and between McAfee, LLC, a Delaware limited liability company ("Assignor") and Musarubra US LLC, a Delaware limited liability company ("Assignee"). Assignor and Assignee shall be jointly referred to as the "Parties" and each shall be referred to individually as a "Party". All capitalized terms not otherwise defined herein shall have the respective meanings set forth in the Purchase Agreement.

WHEREAS, Assignor owns certain registered patents and pending patent applications listed on Schedule 1 hereto ("Assigned Patents"); and

WHEREAS, in connection with the transactions contemplated by the Contribution and Equity Purchase Agreement dated March 6, 2021 ("Purchase Agreement"), Assignee desires to acquire the right, title, and other interests in and to the Assigned Patents, and Assignor has agreed to assign to Assignee all of Assignors' rights, titles and other interests in and to the Assigned Patents.

NOW THEREFORE, pursuant to the premises set forth above and in the Purchase Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

1. Assignment of Rights. Assignor hereby assigns to Assignee, and Assignee hereby accepts, all of Assignor's rights, titles and interests in and to the Assigned Patents and any and all patents from which any and all Assigned Patents claim priority, including without limitation (a) any and all legal actions and rights and remedies at law or in equity for past, present, or future infringements, misappropriations, or other violations of the Assigned Patents and the right to sue for, collect, and retain all past, present and future damages, profits, proceeds, and all other remedies associated therewith and (b) all priority rights arising from the Assigned Patents, including the right to claim priority in the any international conventions and any other jurisdictions, and (c) any and all applications from which any and all Assigned Patents claim priority.

2. Recordation. Assignor hereby authorizes and requests the United States Patent and Trademark Office and any similar Governmental Authority to record this Patent Assignment and Assignor agrees that Assignee shall have the right to record Assignee's rights in the Assigned Patents, in its name, in the United States Patent and Trademark Office or any similar Governmental Authority.

3. Counterparts. This Patent Assignment may be executed electronically or otherwise (where permitted in an applicable jurisdiction) in any number of identical counterparts each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

4. Relation to Purchase Agreement. Assignor and Assignee hereby acknowledge and agree that this Patent Assignment is executed and delivered pursuant to, and is in accordance with, the Purchase Agreement. In the event that any provision of this Patent Assignment shall be construed to conflict with a provision in the Purchase Agreement, the provision in the Purchase Agreement shall control.

[Signature Page Follows]

IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be executed by its duly authorized representatives as of the date first above written.

ASSIGNOR:

MCAFEE, LLC

DocuSigned by:

Alan Kohn

By: 5498C58EAD8E435

Name: Alan Jay Kohn

Title: VP, Tax & Treasurer

[Signature Page to Patent Assignment Agreement]

IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be executed by its duly authorized representatives as of the date first above written.

ASSIGNEE:

MUSARUBRA US LLC

By:  _____
DocuSigned by:
AF242AEAD808418...

Name: Jared Ross

Title: Assistant Secretary

[Signature Page to Patent Assignment Agreement]

SCHEDULE 1
Assigned Patents

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|---|------------------------|----------------|------------|-----------|------------|------------|-------------|
| Immersive Virtual Security Operations Environment | United States | 16/864,102 | 4/30/2020 | Pending | | | MCAFEE, LLC |
| Methods And Apparatus To Identify And Report Cloud-Based Security Vulnerabilities | United States | 16/728,905 | 12/27/2019 | Pending | | | MCAFEE, LLC |
| Methods And Apparatus To Identify And Report Cloud-Based Security Vulnerabilities | PCT | PCT/US20/52918 | 9/25/2020 | Pending | | | MCAFEE, LLC |
| Technologies For Privacy-Preserving Security Policy Evaluation | United States | 15/394,370 | 12/29/2016 | Issued | 8/13/2019 | 10382489 | MCAFEE, LLC |
| Technologies For Privacy-Preserving Security Policy Evaluation | United States | 16/538,434 | 8/12/2019 | Issued | 2/2/2021 | 10911496 | MCAFEE, LLC |
| Technologies For Privacy-Preserving Security Policy Evaluation | China | 201711476452.7 | 12/29/2017 | Published | | | MCAFEE, LLC |
| Automated Security Policy Generation | United States | 15/791,840 | 10/24/2017 | Issued | 7/21/2020 | 10721273 | MCAFEE, LLC |
| A Method To Efficiently Decrypt SSL/TLS Traffic On A Security Network Appliance Without The Overhead Of Being A Man-In-The-Middle Proxy | United States | 15/946,597 | 4/5/2018 | Issued | 12/29/2020 | 10880268 | MCAFEE, LLC |
| A Method To Efficiently Decrypt SSL/TLS Traffic On A Security Network Appliance Without The Overhead Of Being A Man-In-The-Middle Proxy | United States | 17/134,237 | 12/25/2020 | Pending | | | MCAFEE, LLC |
| A Method To Efficiently Decrypt SSL/TLS Traffic On A Security Network Appliance Without The Overhead Of Being A Man-In-The-Middle Proxy | China | 201880090006.9 | 12/20/2018 | Pending | | | MCAFEE, LLC |
| A Method To Efficiently Decrypt SSL/TLS Traffic On A Security Network Appliance Without The Overhead Of Being A Man-In-The-Middle Proxy | European Patent Office | 18834232.3 | 12/20/2018 | Pending | | | MCAFEE, LLC |
| A Method To Efficiently Decrypt SSL/TLS Traffic On A Security Network Appliance Without The Overhead Of Being A Man-In-The-Middle Proxy | PCT | PCT/US18/66879 | 12/20/2018 | Pending | | | MCAFEE, LLC |

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|--|---------------|-------------------|------------|-----------|------------|------------|--------------|
| Without The Overhead Of Being A Man-In-The-Middle Proxy | | | | | | | |
| Modifiable Client-Side Encrypted Data In The Cloud | United States | 16/141,816 | 9/25/2018 | Issued | 6/22/2021 | 11044077 | MCAFFEE, LLC |
| Modifiable Client-Side Encrypted Data In The Cloud | PCT | PCT/US2019/052385 | 9/23/2019 | Published | | | MCAFFEE, LLC |
| Method For Secure Audit Of Command Control And Control Communications Leveraging Ratchet Trees | United States | 16/864,107 | 4/30/2020 | Pending | | | MCAFFEE, LLC |
| Systems, Methods, And Media For Monitoring Cloud Configuration Settings | India | 202011031723.0 | 7/24/2020 | Pending | | | MCAFFEE, LLC |
| Adaptive Security System Having A Hierarchy Of Security Servers | United States | 09/118,537 | 7/17/1998 | Issued | 3/27/2001 | 6209101 | MCAFFEE, LLC |
| Method And Apparatus For Providing A Policy-Driven Intrusion Detection System | United States | 09/418,626 | 10/15/1999 | Issued | 9/7/2004 | 6789202 | MCAFFEE, LLC |
| Locally Adaptable Central Security Management In A Heterogeneous Network Environment | United States | 11/981,333 | 10/31/2007 | Issued | 5/15/2012 | 8181222 | MCAFFEE, LLC |
| System And Method For Providing Application Services With Controlled Access Into Privileged Processes | United States | 09/651,465 | 8/30/2000 | Issued | 8/16/2005 | 6931546 | MCAFFEE, LLC |
| System And Method For Providing Application Services With Controlled Access Into Privileged Processes | United States | 11/110,747 | 4/21/2005 | Issued | 5/11/2010 | 7716719 | MCAFFEE, LLC |
| System, method and computer program product for authenticating users using a lightweight directory access protocol (LDAP) directory server | United States | 11/672,296 | 2/7/2007 | Issued | 12/28/2010 | 7861285 | MCAFFEE, LLC |
| Method And Apparatus For Securely And Dynamically Managing User Roles In A Distributed System | United States | 09/813,419 | 3/20/2001 | Issued | 3/22/2005 | 6871279 | MCAFFEE, LLC |
| Method And Apparatus For Securely And Dynamically Managing User Roles In A Distributed System | United States | 09/863,145 | 5/22/2001 | Issued | 7/19/2005 | 6920558 | MCAFFEE, LLC |
| Single Point Of Entry/Orination Item Scanning Within An Enterprise Or Workgroup | United States | 09/593,261 | 6/13/2000 | Issued | 8/26/2003 | 6611925 | MCAFFEE, LLC |

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|---|---------------|------------|------------|--------|------------|------------|-------------|
| System And Method For Providing Web-Based Remote Security Application Client Administration In A Distributed Computing Environment | United States | 09/851,648 | 5/8/2001 | Issued | 9/20/2005 | 6947986 | MCAFEE, LLC |
| Method And Apparatus To Facilitate Remote Software Management By Applying Network Address-Sorting Rules On A Hierarchical Directory Structure | United States | 09/952,755 | 9/13/2001 | Issued | 12/13/2005 | 6976068 | MCAFEE, LLC |
| Method And Apparatus To Facilitate Cross-Domain Push Deployment Of Software In An Enterprise Environment | United States | 09/971,333 | 10/4/2001 | Issued | 6/27/2006 | 7069581 | MCAFEE, LLC |
| Distribution Of Security Policies For Small To Medium-Sized Organizations | United States | 09/962,981 | 9/21/2001 | Issued | 12/31/2013 | 8621077 | MCAFEE, LLC |
| Master Security Policy Server | United States | 09/969,686 | 10/2/2001 | Issued | 7/8/2014 | 8776230 | MCAFEE, LLC |
| Master Security Policy Server | United States | 11/855,963 | 9/14/2007 | Issued | 2/10/2015 | 8954716 | MCAFEE, LLC |
| Master Security Policy Server | United States | 14/572,167 | 12/16/2014 | Issued | 1/29/2019 | 10193928 | MCAFEE, LLC |
| Master Security Policy Server | United States | 14/572,328 | 12/16/2014 | Issued | 7/31/2018 | 10038720 | MCAFEE, LLC |
| System, Method And Computer Program Product For A Network Analyzer Business Model | United States | 10/029,591 | 12/21/2001 | Issued | 1/27/2009 | 7483861 | MCAFEE, LLC |
| System, Method And Computer Program Product For A Network Analyzer Business Model | United States | 11/855,095 | 9/13/2007 | Issued | 4/6/2010 | 7693742 | MCAFEE, LLC |
| Enterprise Interface For Network Analysis Reporting | United States | 10/029,687 | 12/21/2001 | Issued | 9/6/2005 | 6941358 | MCAFEE, LLC |
| Comprehensive Enterprise Network Analyzer, Scanner And Intrusion Detection Framework | United States | 10/029,686 | 12/21/2001 | Issued | 6/13/2006 | 7062783 | MCAFEE, LLC |
| Enterprise-Wide Security System For Computer Devices | United States | 11/441,049 | 5/26/2006 | Issued | 1/4/2011 | 7865938 | MCAFEE, LLC |
| Enterprise-Wide Security System For Computer Devices | United States | 12/972,410 | 12/17/2010 | Issued | 12/25/2012 | 8341693 | MCAFEE, LLC |
| Enterprise-Wide Security System For Computer Devices | United States | 13/630,830 | 9/28/2012 | Issued | 9/30/2014 | 8850530 | MCAFEE, LLC |

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|---|------------------------|----------------|------------|-----------|------------|--------------------|-------------|
| Enterprise-Wide Security System For Computer Devices | United States | 14/499,754 | 9/29/2014 | Issued | 6/12/2018 | 9998478 | MCAFEE, LLC |
| Enterprise-Wide Security System For Computer Devices | United States | 10/527,235 | 3/9/2005 | Issued | 2/23/2010 | 7669237 | MCAFEE, LLC |
| System And Method For Controlling Mobile Device Access To A Network | United States | 11/877,656 | 10/23/2007 | Issued | 9/4/2012 | 8259568 | MCAFEE, LLC |
| System And Method For Controlling Mobile Device Access To A Network | United States | 13/459,213 | 4/29/2012 | Issued | 6/10/2014 | 8750108 | MCAFEE, LLC |
| System And Method For Controlling Mobile Device Access To A Network | United States | 14/299,085 | 6/9/2014 | Published | | | MCAFEE, LLC |
| System And Method For Mediating Connections Between Policy Source Servers, Corporate Repositories, And Mobile Devices | Germany | 9759830.4 | 2/19/2016 | Issued | 4/27/2016 | 60200903 8227.6 | MCAFEE, LLC |
| System And Method For Mediating Connections Between Policy Source Servers, Corporate Repositories, And Mobile Devices | European Patent Office | 9759830.4 | 11/6/2009 | Issued | 4/27/2016 | EP 2345205 | MCAFEE, LLC |
| System And Method For Mediating Connections Between Policy Source Servers, Corporate Repositories, And Mobile Devices | United Kingdom | 9759830.4 | 11/6/2009 | Issued | 4/27/2016 | EP 2345205 | MCAFEE, LLC |
| System And Method For Mediating Connections Between Policy Source Servers, Corporate Repositories, And Mobile Devices | Netherlands | 9759830.4 | 2/19/2016 | Issued | 4/27/2016 | EP 2345205 | MCAFEE, LLC |
| System, Method And Device For Mediating Connections Between Policy Source Servers, Corporate Repositories, And Mobile Devices | United States | 12/614,326 | 11/6/2009 | Issued | 10/22/2013 | 8565726 | MCAFEE, LLC |
| System, Method And Device For Mediating Connections Between Policy Source Servers, Corporate Repositories, And Mobile Devices | United States | 12/614,333 | 11/6/2009 | Issued | 10/29/2013 | 8572676 | MCAFEE, LLC |
| System, Method And Device For Mediating Connections Between Policy Source Servers, Corporate Repositories, And Mobile Devices | United States | 11/439,484 | 5/22/2006 | Issued | 8/30/2011 | 8010689 | MCAFEE, LLC |
| System Asset Repository Management | United States | 13/444,281 | 4/11/2012 | Issued | 2/10/2015 | 8955036 | MCAFEE, LLC |
| System Asset Repository Management | Germany | 602013047489.3 | 4/11/2013 | Issued | 11/28/2018 | EP283715 9 | MCAFEE, LLC |
| System Asset Repository Management | United Kingdom | EP13775380.2 | 4/11/2013 | Issued | 11/28/2018 | EP283715 9 | MCAFEE, LLC |

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|--|------------------------|----------------|------------|--------|------------|------------|--------------|
| System Asset Repository Management | China | 201380016950.7 | 4/11/2013 | Issued | 6/22/2018 | 104205773 | MCAFFEE, LLC |
| System Asset Repository Management | European Patent Office | 13775380.2 | 4/11/2013 | Issued | 11/28/2018 | 2837159 | MCAFFEE, LLC |
| Stopping And Remediating Outbound Messaging Abuse | United States | 11/365,130 | 2/28/2006 | Issued | 5/31/2011 | 7953814 | MCAFFEE, LLC |
| Stopping And Remediating Outbound Messaging Abuse | United States | 13/091,011 | 4/20/2011 | Issued | 1/29/2013 | 8363793 | MCAFFEE, LLC |
| Stopping And Remediating Outbound Messaging Abuse | United States | 13/726,607 | 12/25/2012 | Issued | 12/8/2015 | 9210111 | MCAFFEE, LLC |
| Stopping And Remediating Outbound Messaging Abuse | United States | 14/954,044 | 11/30/2015 | Issued | 1/31/2017 | 9560064 | MCAFFEE, LLC |
| System, Method And Computer Program Product For Sending Unwanted Activity Information To A Central System | United States | 11/953,693 | 12/10/2007 | Issued | 1/29/2013 | 8365276 | MCAFFEE, LLC |
| System, Method And Computer Program Product For Sending Unwanted Activity Information To A Central System | United States | 14/583,642 | 12/27/2014 | Issued | 6/9/2020 | RE48043 | MCAFFEE, LLC |
| Method And System For Generic Real Time Management Of Devices On Computers Connected To A Network | United States | 11/979,684 | 11/7/2007 | Issued | 7/9/2013 | 8484327 | MCAFFEE, LLC |
| Software Modification By Group To Minimize Breackage | United States | 11/379,953 | 4/24/2006 | Issued | 1/8/2013 | 8352930 | MCAFFEE, LLC |
| Method And System For Implementing Mandatory File Access Control In Native Discretionary Access Control Environments | United States | 11/703,778 | 2/8/2007 | Issued | 12/27/2011 | 8087065 | MCAFFEE, LLC |
| Method And System For Implementing Mandatory File Access Control In Native Discretionary Access Control Environments | United States | 13/323,994 | 12/13/2011 | Issued | 3/11/2014 | 8671448 | MCAFFEE, LLC |
| Method And System For Implementing Mandatory File Access Control In Native Discretionary Access Control Environments | United States | 14/162,549 | 1/23/2014 | Issued | 5/24/2016 | 9350760 | MCAFFEE, LLC |
| Method And System For Implementing Mandatory File Access Control In Native Discretionary Access Control Environments | United States | 15/161,058 | 5/20/2016 | Issued | 3/13/2018 | 9917863 | MCAFFEE, LLC |
| Distributed System For Tracking And Blocking Malicious Internet Hosts | United States | 13/253,266 | 10/5/2011 | Issued | 5/13/2014 | 8726385 | MCAFFEE, LLC |

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|---|------------------------|-----------------|------------|-----------|------------|----------------|--------------|
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | United States | 14/276,416 | 5/13/2014 | Issued | 7/5/2016 | 9385991 | MCAFFEE, LLC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | United States | 15/194,372 | 6/27/2016 | Issued | 7/24/2018 | 10033697 | MCAFFEE, LLC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | China | 201280049251.8 | 10/4/2012 | Issued | 6/30/2017 | 10385838 | MCAFFEE, LLC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | China | 2017110580651.6 | 7/17/2017 | Issued | 3/9/2021 | CN1107204993 | MCAFFEE, INC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | Germany | 12838186.0 | 10/4/2012 | Issued | 12/5/2018 | 602012054448.1 | MCAFFEE, LLC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | European Patent Office | 12838186.0 | 10/4/2012 | Issued | 12/5/2018 | 2764660 | MCAFFEE, LLC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | France | 12838186.0 | 10/4/2012 | Issued | 12/5/2018 | 2764660 | MCAFFEE, LLC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | Ireland | 12838186.0 | 10/4/2012 | Issued | 12/5/2018 | 2764660 | MCAFFEE, LLC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | Japan | 2014-534702 | 10/4/2012 | Issued | 1/22/2016 | 5872704 | MCAFFEE, LLC |
| Distributed System And Method For Tracking And Blocking Malicious Internet Hosts | Netherlands | 12838186.0 | 10/4/2012 | Issued | 12/5/2018 | 2764660 | MCAFFEE, LLC |
| Network Adaptive Baseline Monitoring System And Method | United States | 10/230,844 | 8/28/2002 | Issued | 9/26/2006 | 7114183 | MCAFFEE, LLC |
| Identities Correlation Infrastructure For Passive Network Monitoring | United States | 11/854,392 | 9/12/2007 | Issued | 11/12/2013 | 8584195 | MCAFFEE, LLC |
| Policy-Based Vulnerability Assessment | United States | 10/835,687 | 4/29/2004 | Issued | 11/11/2008 | 7451488 | MCAFFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | United States | 13/656,730 | 10/21/2012 | Issued | 2/14/2017 | 9571507 | MCAFFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | United States | 15/400,101 | 1/6/2017 | Issued | 6/1/2021 | 11025647 | MCAFFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | United States | 17/320,129 | 5/13/2021 | Pending | | | MCAFFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | China | 201380050646.4 | 10/20/2013 | Issued | 2/9/2018 | CN1104685507 | MCAFFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | China | 201810021935.6 | 10/20/2013 | Published | | | MCAFFEE, LLC |

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|---|------------------------|----------------|------------|--------|------------|-------------------|-------------|
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | Germany | 13846316.1 | 10/20/2013 | Issued | 11/27/2019 | 2909780 | MCAFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | European Patent Office | 13846316.1 | 10/20/2013 | Issued | 11/27/2019 | 2909780 | MCAFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | France | 13846316.1 | 10/20/2013 | Issued | 11/27/2019 | 2909780 | MCAFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | United Kingdom | 13846316.1 | 10/20/2013 | Issued | 11/27/2019 | 2909780 | MCAFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | Japan | 2015-534834 | 10/20/2013 | Issued | 2/26/2016 | 5890595 | MCAFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | Japan | 2016-029265 | 10/20/2013 | Issued | 6/2/2017 | 6151394 | MCAFEE, LLC |
| Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure | Japan | 2017-104683 | 10/20/2013 | Issued | 5/11/2018 | 6335363 | MCAFEE, LLC |
| Method And System For Collecting Information Relating To A Communication Network | European Patent Office | 4819283.5 | 11/28/2004 | Issued | 1/8/2014 | 1695486 | MCAFEE, LLC |
| Method And System For Collecting Information Relating To A Communication Network | European Patent Office | 11165044.6 | 11/28/2004 | Issued | 1/8/2014 | 2372954 | MCAFEE, LLC |
| Method And System For Collecting Information Relating To A Communication Network | China | 200480035380.7 | 11/28/2004 | Issued | 05/14/2014 | ZL 200480035380.7 | MCAFEE, LLC |
| Method And System For Collecting Information Relating To A Communication Network | United Kingdom | 11165044.6 | 10/17/2013 | Issued | 1/8/2014 | 2372954 | MCAFEE, LLC |
| Method And System For Collecting Information Relating To A Communication Network | Germany | 11165044.6 | 10/17/2013 | Issued | 1/8/2014 | 602004044230.5 | MCAFEE, LLC |
| Method And System For Collecting Information Relating To A Communication Network | Germany | 4819283.5 | 10/22/2013 | Issued | 1/8/2014 | 602004044230.5 | MCAFEE, LLC |
| Method And System For Collecting Information Relating To A Communication Network | United Kingdom | 4819283.5 | 10/22/2013 | Issued | 1/8/2014 | 1695486 | MCAFEE, LLC |

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|--|------------------------|-----------------|-----------|-----------|------------|-------------|-------------|
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | United States | 13/748,578 | 1/23/2013 | Issued | 1/31/2017 | 9560014 | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | United States | 15/400,311 | 1/6/2017 | Issued | 10/16/2018 | 10103892 | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | China | 201480003631.7 | 1/23/2014 | Issued | 4/16/2019 | CN104871484 | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | China | 201910393758.9 | 1/23/2014 | Published | | | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | European Patent Office | 14743962.4 | 1/23/2014 | Issued | 3/10/2021 | EP2949077 | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | Germany | 14743962.4 | 1/23/2014 | Issued | 12/30/2020 | EP2949077 | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | France | 14743962.4 | 1/23/2014 | Issued | 12/30/2020 | EP2949077 | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | Ireland | 14743962.4 | 1/23/2014 | Issued | 12/30/2020 | EP2949077 | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | European Patent Office | 20182290.5 | 1/23/2014 | Pending | | | MCAFEE, LLC |
| System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment | Republic of Korea | 10-2015-7016622 | 1/23/2014 | Issued | 2/28/2017 | 10-1713045 | MCAFEE INC |
| Security-Connected Framework | China | 201480048580.X | 9/28/2014 | Issued | 3/1/2019 | CN105519041 | MCAFEE, LLC |
| Security-Connected Framework | China | 201910198004.8 | 9/28/2014 | Pending | | | MCAFEE, LLC |
| Security-Connected Framework | United States | 14/912,540 | 2/17/2016 | Issued | 11/27/2018 | 10142373 | MCAFEE, LLC |
| Merging Multiple System Trees Over A Data Exchange Layer | United States | 14/913,196 | 2/19/2016 | Issued | 2/12/2019 | 10205798 | MCAFEE, LLC |

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|--|------------------------|----------------|------------|-----------|------------|-------------|--------------|
| Real-Time Policy Distribution | China | 201380079201.9 | 12/19/2013 | Issued | 1/18/2019 | CN105518695 | MCAFFEE, LLC |
| Real-Time Policy Distribution | United States | 14/913,149 | 2/19/2016 | Issued | 12/4/2018 | 10148695 | MCAFFEE, LLC |
| Real-Time Policy Distribution | United States | 16/208,237 | 12/3/2018 | Issued | 7/14/2020 | 10715556 | MCAFFEE, LLC |
| Service-Oriented Broker, Method And Computer-Readable Storage Medium | China | 201380079198.0 | 12/20/2013 | Issued | 8/13/2019 | CN105493046 | MCAFFEE, LLC |
| Service-Oriented Architecture | United States | 14/913,427 | 2/22/2016 | Issued | 1/1/2019 | 10171594 | MCAFFEE, LLC |
| Service-Oriented Architecture | United States | 16/236,406 | 12/29/2018 | Published | | | MCAFFEE, LLC |
| One-Click Reputation Adjustment | United States | 16/993,660 | 8/14/2020 | Pending | | | MCAFFEE, LLC |
| One-Click Reputation Adjustment | United States | 14/913,394 | 2/22/2016 | Issued | 8/18/2020 | 10749843 | MCAFFEE, LLC |
| Threat Intelligence On A Data Exchange Layer | European Patent Office | 14847338.2 | 9/29/2014 | Issued | 3/13/2019 | 3050256 | MCAFFEE, LLC |
| Threat Intelligence On A Data Exchange Layer | United Kingdom | 14847338.2 | 2/16/2016 | Issued | 6/13/2019 | EP3050256 | MCAFFEE, LLC |
| Threat Intelligence On A Data Exchange Layer | Germany | 602014042993.9 | 9/29/2014 | Issued | 6/13/2019 | EP3050256 | MCAFFEE, LLC |
| Threat Intelligence On A Data Exchange Layer | United States | 14/912,743 | 2/18/2016 | Issued | 11/19/2019 | 10484398 | MCAFFEE, LLC |
| Threat Intelligence On A Data Exchange Layer | United States | 16/684,756 | 11/15/2019 | Issued | 1/26/2021 | 10904269 | MCAFFEE, LLC |
| Threat Intelligence On A Data Exchange Layer | United States | 17/155,318 | 1/22/2021 | Pending | | | MCAFFEE, LLC |
| Prevalence-Based Reputations | United States | 14/913,437 | 2/22/2016 | Issued | 3/19/2019 | 10237303 | MCAFFEE, LLC |
| Visualization And Analysis Of Complex Security Information | United States | 14/780,533 | 9/26/2015 | Issued | 3/7/2017 | 9591028 | MCAFFEE, LLC |
| Context-Aware Network On A Data Exchange Layer | China | 201380079202.3 | 12/19/2013 | Issued | 10/2/2018 | 10553171 | MCAFFEE, LLC |
| Context-Aware Network On A Data Exchange Layer | United States | 14/912,750 | 2/18/2016 | Issued | 11/20/2018 | 10135845 | MCAFFEE, LLC |

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|--|------------------------|-------------------|------------|-----------|------------|------------|---------------|
| Context-Aware Network On A Data Exchange Layer | United States | 16/163,362 | 10/17/2018 | Issued | 10/15/2019 | 10447714 | MCAFFEE, LLC |
| Efficient Request-Response Routing Over A Data Exchange Layer | United States | 17/080,896 | 10/27/2020 | Pending | | | MCAFFEE, LLC |
| Efficient Request-Response Routing Over A Data Exchange Layer | United States | 14/912,913 | 2/18/2016 | Issued | 10/27/2020 | 10819804 | MCAFFEE, LLC |
| Security Risk Analysis System And Method | United States | 11/062,409 | 2/22/2005 | Issued | 10/2/2007 | 7278163 | MCAFFEE, LLC |
| Data Mining Algorithms Adopted For Trusted Execution Environment | United States | 14/498,266 | 9/26/2014 | Issued | 8/13/2019 | 10382454 | MCAFFEE, LLC |
| Data Mining Algorithms Adopted For Trusted Execution Environment | China | 201580045692.4 | 9/24/2015 | Issued | 6/19/2020 | 10679663 | MCAFFEE, LLC |
| Data Mining Algorithms Adopted For Trusted Execution Environment | PCT | PCT/US2015/051949 | 9/24/2015 | Published | | 9 | MCAFFEE, LLC |
| Identification Of Call Participants | United States | 14/317,929 | 6/27/2014 | Issued | 10/4/2016 | 9462471 | MCAFFEE, LLC |
| Identification Of Call Participants | European Patent Office | 15811060.1 | 5/30/2015 | Allowed | | | MCAFFEE, LLC |
| Secure Content Packaging Using Multiple Trusted Execution Environments | Germany | 15826300.4 | 5/28/2015 | Issued | 4/10/2019 | 3175575 | MCAFFEE, LLC |
| Secure Content Packaging Using Multiple Trusted Execution Environments | European Patent Office | 15826300.4 | 5/28/2015 | Issued | 4/10/2019 | 3175575 | MCAFFEE, LLC |
| Secure Content Packaging Using Multiple Trusted Execution Environments | France | 15826300.4 | 5/28/2015 | Issued | 4/10/2019 | 3175575 | MCAFFEE, LLC |
| Secure Content Packaging Using Multiple Trusted Execution Environments | PCT | PCT/US2015/032856 | 5/28/2015 | Published | | | MCAFFEE, INC. |
| Real-Time Mobile Security Posture | United States | 14/583,687 | 12/27/2014 | Issued | 7/10/2018 | 10021137 | MCAFFEE, LLC |
| Real-Time Mobile Security Posture | China | 201580076984.4 | 12/9/2015 | Published | | | MCAFFEE, LLC |
| Real-Time Mobile Security Posture | United States | 15/425,208 | 2/6/2017 | Issued | 1/8/2019 | 10178132 | MCAFFEE, LLC |
| Real-Time Mobile Security Posture | European Patent Office | 15874103.3 | 12/9/2015 | Published | | | MCAFFEE, INC |
| Security Orchestration Framework | United States | 14/752,867 | 6/27/2015 | Issued | 10/31/2017 | 9807118 | MCAFFEE, LLC |

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|---|------------------------|-------------------|------------|-----------|------------|-------------|-------------|
| Security Orchestration Framework | China | 201580046197.5 | 9/26/2015 | Published | | | MCAFEE, LLC |
| Security Orchestration Framework | Germany | 602015054171.5 | 9/26/2015 | Issued | 6/10/2020 | EP3210146 | MCAFEE, LLC |
| Security Orchestration Framework | European Patent Office | 15854658 | 9/26/2015 | Issued | 6/10/2020 | EP3210146 | MCAFEE, LLC |
| Security Orchestration Framework | France | 15854658 | 9/26/2015 | Issued | 6/10/2020 | EP3210146 | MCAFEE, LLC |
| Security Orchestration Framework | Ireland | 15854658 | 9/26/2015 | Issued | 6/10/2020 | EP3210146 | MCAFEE, LLC |
| Agent Presence For Self-Healing | China | 201480082168.X | 12/27/2014 | Published | | | MCAFEE INC. |
| Agent Presence For Self-Healing | China | 202110411242.X | 12/27/2014 | Pending | | | MCAFEE, LLC |
| Agent Presence For Self-Healing | Russian Federation | 2017109772 | 12/27/2014 | Issued | 9/21/2018 | 2667598 | MCAFEE INC |
| Agent Presence For Self-Healing | United States | 15/513,783 | 3/23/2017 | Published | | | MCAFEE, LLC |
| Binary Translation Of A Trusted Binary With Input Tagging | United States | 14/583,620 | 12/27/2014 | Issued | 6/12/2018 | 9996690 | MCAFEE, LLC |
| Binary Translation Of A Trusted Binary With Input Tagging | China | 201580077004.2 | 12/9/2015 | Issued | 8/21/2020 | CN107431621 | MCAFEE, LLC |
| Binary Translation Of A Trusted Binary With Input Tagging | Germany | 60 2015 049 181.5 | 12/9/2015 | Issued | 3/18/2020 | EP3238120 | MCAFEE, LLC |
| Binary Translation Of A Trusted Binary With Input Tagging | European Patent Office | 15874102.5 | 12/9/2015 | Issued | 3/18/2020 | 3238120 | MCAFEE, LLC |
| Binary Translation Of A Trusted Binary With Input Tagging | France | 15874102.5 | 12/9/2015 | Issued | 3/18/2020 | EP3238120 | MCAFEE, LLC |
| Binary Translation Of A Trusted Binary With Input Tagging | Ireland | 15874102.5 | 12/9/2015 | Issued | 3/18/2020 | EP3238120 | MCAFEE, LLC |
| Account Recovery Protocol | United States | 14/928,443 | 10/30/2015 | Issued | 8/28/2018 | 10061914 | MCAFEE, LLC |
| Account Recovery Protocol | China | 201580072790.7 | 11/4/2015 | Issued | 7/31/2020 | 107251035 | MCAFEE, LLC |
| Account Recovery Protocol | European Patent Office | 15859609.8 | 11/4/2015 | Published | | | MCAFEE INC |

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|---|------------------------|-------------------|------------|-----------|------------|------------|-------------|
| Account Recovery Protocol | Japan | 2017-544834 | 11/4/2015 | Issued | 4/26/2019 | 6517359 | MCAFEE LLC |
| Account Recovery Protocol | PCT | PCT/US2015/059060 | 11/4/2015 | Published | | | MCAFEE, LLC |
| Query Engine For Remote Endpoint Information Retrieval | United States | 14/751,560 | 6/26/2015 | Issued | 3/24/2020 | 10599662 | MCAFEE, LLC |
| Query Engine For Remote Endpoint Information Retrieval | United States | 16/813,547 | 3/9/2020 | Pending | | | MCAFEE, LLC |
| Query Engine For Remote Endpoint Information Retrieval | China | 201680036822.2 | 5/23/2016 | Published | | | MCAFEE INC |
| Systems And Methods For Traffic Control | United States | 14/811,413 | 7/28/2015 | Issued | 6/27/2017 | 9691278 | MCAFEE, LLC |
| Systems And Methods For Traffic Control | PCT | PCT/US2016/033932 | 5/24/2016 | Published | | | MCAFEE, LLC |
| Hardware-Enforced Code Paths | United States | 14/866,928 | 9/26/2015 | Issued | 1/16/2018 | 9870466 | MCAFEE, LLC |
| Security Content Over A Management Band | United States | 14/978,324 | 12/22/2015 | Issued | 3/6/2018 | 9912528 | MCAFEE, LLC |
| Identifying A Source Device In A Software-Defined Network | United States | 14/974,756 | 12/18/2015 | Issued | 11/13/2018 | 10129125 | MCAFEE, LLC |
| Intelligent Devices In A Software-Defined Network | United States | 14/978,604 | 12/22/2015 | Issued | 3/13/2018 | 9917775 | MCAFEE, LLC |
| Graymail Filtering-Based On User Preferences | United States | 15/232,585 | 8/9/2016 | Issued | 4/24/2018 | 9954805 | MCAFEE, LLC |
| Graymail Filtering Based On User Preferences | European Patent Office | 17749256.8 | 7/21/2017 | Published | | | MCAFEE INC |
| Multi-Label Content Recategorization | United States | 14/977,875 | 12/22/2015 | Issued | 6/23/2020 | 10691739 | MCAFEE, LLC |
| Trusted Computing Resource Meter | United States | 14/977,952 | 12/22/2015 | Issued | 8/25/2020 | 10754703 | MCAFEE, LLC |
| Verified Social Media Content | United States | 14/976,397 | 12/21/2015 | Issued | 2/12/2019 | 10204384 | MCAFEE, LLC |
| Verified Social Media Content | United States | 16/236,087 | 12/28/2018 | Issued | 11/3/2020 | 10825111 | MCAFEE, LLC |
| Verified Social Media Content | United States | 16/235,828 | 12/28/2018 | Issued | 02/02/2020 | 10909638 | MCAFEE, LLC |

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|---|------------------------|-------------------|------------|-----------|------------|------------|--------------|
| Attestation Device Custody Transfer Protocol | United States | 14/978,658 | 12/22/2015 | Issued | 1/29/2019 | 10193858 | MCAFEE, LLC |
| Attestation Device Custody Transfer Protocol | United States | 16/246,691 | 1/14/2019 | Published | | | MCAFEE, LLC |
| Safe Sharing Of Sensitive Data | United States | 15/282,659 | 9/30/2016 | Issued | 11/12/2019 | 10476900 | MCAFEE, LLC |
| Safe Sharing Of Sensitive Data | United States | 16/681,235 | 11/12/2019 | Published | | | MCAFEE, LLC |
| Safe Sharing Of Sensitive Data | European Patent Office | 17781303.7 | 9/27/2017 | Published | | | MCAFEE, LLC |
| Safe Sharing Of Sensitive Data | China | 201780074164.0 | 9/27/2017 | Published | | | MCAFEE, INC. |
| System and method for assisting Threat Hunters and SOC Analysts on spotting attackers' activity by applying data-driven analysis on EDR client traces | United States | 16/586,804 | 9/27/2019 | Pending | | | MCAFEE, LLC |
| System and method for assisting Threat Hunters and SOC Analysts on spotting attackers' activity by applying data-driven analysis on EDR client traces | PCT | PCT/US2020/052381 | 9/24/2020 | Pending | | | MCAFEE, LLC |
| Identifying Malware-Suspect End Points Through Entropy Changes in Consolidated Logs (EPO,Splunk,Nitro,Arcsight) | United States | 15/476,212 | 3/31/2017 | Issued | 10/8/2019 | 10440037 | MCAFEE LLC |
| Identifying Malware-Suspect End Points Through Entropy Changes in Consolidated Logs (EPO,Splunk,Nitro,Arcsight) | United States | 16/588,642 | 9/30/2019 | Pending | | | MCAFEE LLC |
| Cybersecurity investigation tools utilizing information graphs | United States | 16/232,296 | 12/26/2018 | Pending | | | MCAFEE, LLC |
| Systems, methods, and media for monitoring cloud configuration settings | United States | 17/188,243 | 03/01/2021 | Pending | | | MCAFEE, LLC |
| Synchronization of Multi-Stack Nodes | United States | 16/941,877 | 7/29/2020 | Pending | | | MCAFEE, LLC |
| Cloud email message scanning with local policy application in a network environment | United States | 13/683,976 | 11/21/2012 | Issued | 6/2/2015 | 9049235 | MCAFEE, LLC |
| Cloud email message scanning with local policy application in a network environment | United States | 14/717,261 | 5/20/2015 | Issued | 7/11/2017 | 9705889 | MCAFEE, LLC |

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|---|------------------------|----------------|------------|--------|------------|----------------|-------------|
| Cloud email message scanning with local policy application in a network environment | United States | 15/619,578 | 6/12/2017 | Issued | 1/1/2019 | 10171475 | MCAFEE, LLC |
| Cloud email message scanning with local policy application in a network environment | China | 201380004584.3 | 7/15/2013 | Issued | 7/4/2017 | CN104106094 | MCAFEE, LLC |
| Cloud email message scanning with local policy application in a network environment | China | 201710431368.7 | 7/15/2013 | Issued | 8/4/2020 | CN107276878 | MCAFEE, LLC |
| Method and apparatus for cloud email message scanning with local policy application in a network environment | Germany | 13820316.1 | | Issued | | 602013014890.2 | MCAFEE, LLC |
| Method and apparatus for cloud email message scanning with local policy application in a network environment | European Patent Office | 13820316.1 | 7/15/2013 | Issued | 11/30/2016 | 2801072 | MCAFEE, LLC |
| Method and apparatus for cloud email message scanning with local policy application in a network environment | United Kingdom | 13820316.1 | | Issued | | 2801072 | MCAFEE, LLC |
| Method and apparatus for cloud email message scanning with local policy application in a network environment | Netherlands | 13820316.1 | | Issued | | 2801072 | MCAFEE, LLC |
| System and method for providing a framework for network appliance management in a distributed computing environment | United States | 10/056,702 | 1/25/2002 | Issued | 8/8/2006 | 7089259 | MCAFEE, LLC |
| System and method for providing a framework for network appliance management in a distributed computing environment | United States | 10/057,709 | 1/25/2002 | Issued | 7/3/2007 | 7240102 | MCAFEE, LLC |
| System and method for providing a framework for network appliance management in a distributed computing environment | United States | 13/102,627 | 5/6/2011 | Issued | 1/13/2015 | 8935384 | MCAFEE, LLC |
| Configuration management for a capture/registration system | United States | 12/190,536 | 8/12/2008 | Issued | 2/2/2016 | 9253154 | MCAFEE, LLC |
| Configuration management for a capture/registration system | United States | 15/012,105 | 2/1/2016 | Issued | 7/30/2016 | 10367786 | MCAFEE, LLC |
| System and method for managing data and policies | United States | 12/410,905 | 3/25/2009 | Issued | 3/4/2014 | 8667121 | MCAFEE, LLC |
| Integrating security policy and event management | United States | 13/340,597 | 12/21/2011 | Issued | 9/16/2014 | 8839349 | MCAFEE, LLC |
| Integrating security policy and event management | United Kingdom | EP12840964.6 | 10/18/2012 | Issued | 12/26/2018 | EP2769323 | MCAFEE, LLC |

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|--|------------------------|-------------------|------------|--------|------------|-------------|--------------|
| Integrating security policy and event management | Germany | 60 2012 055 251.4 | 10/18/2012 | Issued | 12/26/2018 | EP2769323 | MCAFFEE, LLC |
| Integrating security policy and event management | United States | 14/487,927 | 9/16/2014 | Issued | 1/17/2017 | 9548994 | MCAFFEE, LLC |
| Integrating security policy and event management | China | 201280053615.X | 10/18/2012 | Issued | 9/8/2017 | 104040550 | MCAFFEE, LLC |
| Integrating security policy and event management | China | 201710679976.X | 10/18/2012 | Issued | 8/28/2020 | CN107563203 | MCAFFEE, LLC |
| Integrating security policy and event management | European Patent Office | 12840964.6 | 10/18/2012 | Issued | 12/26/2018 | 2769323 | MCAFFEE, LLC |
| User behavioral risk assessment | United Kingdom | EP12842291.2 | 10/17/2012 | Issued | 12/5/2018 | EP2769325 | MCAFFEE, LLC |
| User behavioral risk assessment | Germany | 60 2012 054 465.1 | 10/17/2012 | Issued | 12/5/2018 | EP2769325 | MCAFFEE, LLC |
| User behavioral risk assessment | United States | 13/334,304 | 12/22/2011 | Issued | 11/4/2014 | 8881289 | MCAFFEE, LLC |
| User behavioral risk assessment | United States | 14/531,881 | 11/3/2014 | Issued | 5/9/2017 | 9648035 | MCAFFEE, LLC |
| Method and apparatus for user behavioral risk assessment | China | 201280053565.5 | 10/17/2012 | Issued | 3/8/2017 | CN104011731 | MCAFFEE, LLC |
| User behavioral risk assessment | European Patent Office | 12842291.2 | 10/17/2012 | Issued | 12/5/2018 | 2769325 | MCAFFEE, LLC |
| User behavioral risk assessment | United States | 13/334,474 | 12/22/2011 | Issued | 6/16/2015 | 9058486 | MCAFFEE, LLC |
| User behavioral risk assessment | United States | 14/723,192 | 5/27/2015 | Issued | 4/25/2017 | 9635047 | MCAFFEE, LLC |
| User behavioral risk assessment | United States | 15/253,263 | 8/31/2016 | Issued | 12/10/2019 | 10505965 | MCAFFEE, LLC |
| Network address repository management | United States | 13/444,459 | 4/11/2012 | Issued | 2/10/2015 | 8954573 | MCAFFEE, LLC |
| Network address repository management | United Kingdom | | 4/11/2013 | Issued | 10/11/2017 | EP2837157 | MCAFFEE, LLC |
| Network address repository management | Germany | 602013027838.5 | 4/11/2013 | Issued | 10/11/2017 | EP2837157 | MCAFFEE, LLC |
| Network address repository management | China | 201380017128.2 | 4/11/2013 | Issued | 11/23/2018 | CN104205774 | MCAFFEE, LLC |

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|---|------------------------|------------|------------|--------|------------|------------|-------------|
| Network address repository management | European Patent Office | 13774995.8 | 4/11/2013 | Issued | 10/11/2017 | 2837157 | MCAFEE, LLC |
| Trusted communication network | United States | 11/465,433 | 8/17/2006 | Issued | 10/13/2015 | 9160755 | MCAFEE, LLC |
| Trusted communication network | United States | 14/830,545 | 8/19/2015 | Issued | 2/19/2019 | 10212188 | MCAFEE, LLC |
| Bounce management in a trusted communication network | United States | 11/537,432 | 9/29/2006 | Issued | 5/27/2014 | 8738708 | MCAFEE, LLC |
| System, method, and computer program product for preventing data leakage utilizing a map of data | United States | 11/752,208 | 5/22/2007 | Issued | 7/29/2014 | 8793802 | MCAFEE, LLC |
| System, method, and computer program product for applying a rule to associated events | United States | 12/033,465 | 2/19/2008 | Issued | 12/25/2012 | 8341105 | MCAFEE, LLC |
| System, method, and computer program product for applying a rule to associated events | United States | 13/685,939 | 11/27/2012 | Issued | 4/7/2015 | 9002771 | MCAFEE, LLC |
| System, method, and computer program product for segmenting a database based, at least in part, on a prevalence associated with known objects included in the database | United States | 12/605,678 | 10/26/2009 | Issued | 11/6/2012 | 8306988 | MCAFEE, LLC |
| System, method, and computer program product for determining a hop count between network devices utilizing a binary search | United States | 12/605,695 | 10/26/2009 | Issued | 4/2/2013 | 8411684 | MCAFEE, LLC |
| System, method, and computer program product for performing a security or maintenance operation in association with virtual disk data | United States | 11/949,609 | 12/3/2007 | Issued | 1/8/2013 | 8352939 | MCAFEE, LLC |
| System, method, and computer program product for scanning data utilizing one of a plurality of virtual machines of a device | United States | 12/132,113 | 6/3/2008 | Issued | 2/4/2014 | 8645949 | MCAFEE, LLC |
| SUBSEQUENT PROCESSING OF SCANNING TASK UTILIZING SUBSET OF VIRTUAL MACHINES PREDETERMINED TO HAVE SCANNER PROCESS AND ADJUSTING AMOUNT OF SUBSEQUENT vms PROCESSING BASED ON LOAD | United States | 12/138,104 | 6/12/2008 | Issued | 8/20/2013 | 8516478 | MCAFEE, LLC |

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|---|------------------------|------------|------------|--------|------------|----------------|--------------|
| Web hosted security system communication | United States | 12/987,730 | 1/10/2011 | Issued | 7/8/2014 | 8775619 | MCAFFEE, LLC |
| Systems and methods for malware detection | United States | 13/021,585 | 2/4/2011 | Issued | 9/30/2014 | 8850584 | MCAFFEE, LLC |
| Associative policy model | United States | 10/281,843 | 10/28/2002 | Issued | 12/11/2007 | 7308706 | MCAFFEE, LLC |
| Associative policy model | Germany | 3256821.4 | 10/28/2003 | Issued | 12/13/2006 | 60310347.2 | MCAFFEE, LLC |
| Method and system for creating associative policies in communication networks | European Patent Office | 3256821.4 | 10/28/2003 | Issued | 12/13/2006 | EP1420564 | MCAFFEE, LLC |
| Associative policy model | United Kingdom | 3256821.4 | 10/28/2003 | Issued | 12/13/2006 | EP1420564 | MCAFFEE, LLC |
| System and method for discovery of network entities | Germany | 9750982.2 | 11/15/2013 | Issued | 4/2/2014 | 602009022964.8 | MCAFFEE, LLC |
| System and method for discovery of network entities | Germany | 13196135.1 | 5/21/2009 | Issued | 5/15/2019 | 602009058416.2 | MCAFFEE, LLC |
| System and method for discovery of network entities | European Patent Office | 9750982.2 | 5/21/2009 | Issued | 4/2/2014 | EP2324615 | MCAFFEE, LLC |
| System and method for discovery of network entities | European Patent Office | 13196135.1 | 5/21/2009 | Issued | 5/15/2019 | 2840753 | MCAFFEE, LLC |
| System and method for discovery of network entities | France | 13196135.1 | 5/21/2009 | Issued | 5/15/2019 | 2840753 | MCAFFEE, LLC |
| System and method for discovery of network entities | United Kingdom | 9750982.2 | 11/15/2013 | Issued | 4/2/2014 | EP2324615 | MCAFFEE, LLC |
| System and method for discovery of network entities | Ireland | 13196135.1 | 5/21/2009 | Issued | 5/15/2019 | 2840753 | MCAFFEE, LLC |
| System and method for discovery of network entities | Netherlands | 13196135.1 | 5/21/2009 | Issued | 5/15/2019 | 2840753 | MCAFFEE, LLC |
| System and method for limiting spyware activity | United States | 11/736,981 | 4/18/2007 | Issued | 9/8/2015 | 9130974 | MCAFFEE, LLC |
| System and method for limiting spyware activity | United States | 14/819,884 | 8/6/2015 | Issued | 8/8/2017 | 9727710 | MCAFFEE, LLC |
| System and method for limiting spyware activity | Germany | 8103623.8 | | Issued | | 602008029065.4 | MCAFFEE, LLC |
| System and method for limiting spyware activity | European Patent Office | 08103623.8 | 4/18/2008 | Issued | 12/4/2013 | EP1983721 | MCAFFEE, LLC |

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|--|------------------------|--------------|------------|--------|------------|------------|-------------|
| System and method for limiting spyware activity | United Kingdom | 8103623.8 | | Issued | | EP1983721 | MCAFEE, LLC |
| System, method and computer program product for rule based network security policies | United States | 09/663,863 | 9/15/2000 | Issued | 11/30/2004 | 6826698 | MCAFEE, LLC |
| Fuzzy Logic Voting Method and System for Classifying E-mail Using Inputs from Multiple Spam Classifiers | United States | 11/394,890 | 3/31/2006 | Issued | 3/16/2010 | 7680890 | MCAFEE, LLC |
| Fuzzy Logic Voting Method and System for Classifying E-mail Using Inputs from Multiple Spam Classifiers | United States | 10/873,882 | 6/22/2004 | Issued | 5/23/2006 | 7051077 | MCAFEE, LLC |
| Subscriber reputation filtering method for analyzing subscriber activity and detecting account misuse | United States | 11/315,480 | 12/21/2005 | Issued | 7/9/2013 | 8484295 | MCAFEE, LLC |
| System and method for automated policy audit and remediation management | United States | 10/778,770 | 2/13/2004 | Issued | 10/15/2013 | 8561175 | MCAFEE, LLC |
| System and method for automated policy audit and remediation management | United States | 14/010,498 | 8/26/2013 | Issued | 7/28/2015 | 9094434 | MCAFEE, LLC |
| Network audit policy assurance system | Germany | | 2/13/2004 | Issued | 8/16/2017 | EP1593228 | MCAFEE, LLC |
| Network audit policy assurance system | European Patent Office | 4711110.9 | 2/13/2004 | Issued | 8/16/2017 | 1593228 | MCAFEE, LLC |
| Network audit policy assurance system | United Kingdom | EP04711110.9 | 7/31/2017 | Issued | 8/16/2017 | EP1593228 | MCAFEE, LLC |
| System and method for interfacing with heterogeneous network data gathering tools | United States | 10/778,779 | 2/13/2004 | Issued | 1/3/2012 | 8091117 | MCAFEE, LLC |
| System and method for interfacing with heterogeneous network data gathering tools | United States | 13/312,963 | 12/6/2011 | Issued | 7/22/2014 | 8789140 | MCAFEE, LLC |
| System and method for interfacing with heterogeneous network data gathering tools | United States | 13/312,978 | 12/6/2011 | Issued | 7/29/2014 | 8793763 | MCAFEE, LLC |
| System and method for applying a machine-processable policy rule to information gathered about a network | United States | 10/778,836 | 2/13/2004 | Issued | 5/19/2009 | 7536456 | MCAFEE, LLC |
| System and method for security information normalization | United States | 10/778,837 | 2/13/2004 | Issued | 11/24/2009 | 7624422 | MCAFEE, LLC |
| Network audit and policy assurance system | United States | 10/779,190 | 2/13/2004 | Issued | 12/1/2009 | 7627891 | MCAFEE, LLC |

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|---|------------------------|----------------|------------|-----------|------------|------------|-------------|
| Premises aware security | China | 201380048495.9 | 10/18/2013 | Issued | 1/9/2018 | 104685505 | MCAFEE, LLC |
| Premises aware security | Germany | 602013063716.4 | 10/18/2013 | Issued | 12/4/2019 | 2909776 | MCAFEE, LLC |
| Premises aware security | European Patent Office | 13847128.9 | 10/18/2013 | Issued | 12/4/2019 | 2909776 | MCAFEE, LLC |
| Premises aware security | France | 13847128.9 | 10/18/2013 | Issued | 12/4/2019 | 2909776 | MCAFEE, LLC |
| Premises aware security | Japan | 2015-537028 | 10/18/2013 | Issued | 1/27/2017 | 6080183 | MCAFEE, LLC |
| Premises aware security | Netherlands | 13847128.9 | 10/18/2013 | Issued | 12/4/2019 | 2909776 | MCAFEE, LLC |
| Premises aware security | United States | 14/126,707 | 12/16/2013 | Issued | 1/3/2017 | 9536057 | MCAFEE, LLC |
| Data protection using programmatically generated key pairs from a master key and a descriptor | United States | 13/791,462 | 3/8/2013 | Issued | 8/11/2015 | 9106412 | MCAFEE, LLC |
| Threat intelligence on a data exchange layer | United States | 17/155,318 | 1/22/2021 | Pending | | | MCAFEE, LLC |
| Location services on a data exchange layer | United States | 16/835,054 | 3/30/2020 | Issued | 5/11/2021 | 11005895 | MCAFEE, LLC |
| Location services on a data exchange layer | United States | 17/244,279 | 4/29/2021 | Pending | | | MCAFEE, LLC |
| Location services on a data exchange layer | United States | 14/913,101 | 2/19/2016 | Issued | 3/31/2020 | 10609088 | MCAFEE, LLC |
| Trusted binary translation | United States | 14/583,616 | 12/27/2014 | Issued | 10/24/2017 | 9798559 | MCAFEE, LLC |
| Trusted binary translation | China | 201580077048.5 | 12/8/2015 | Published | | | MCAFEE, LLC |
| Using trusted platform module to build real time indicators of attack information | United States | 14/704,510 | 5/5/2015 | Issued | 10/20/2020 | 10812466 | MCAFEE, LLC |
| Using trusted platform module to build real time indicators of attack information | China | 201680039535.7 | 4/5/2016 | Published | | | MCAFEE INC |
| Enterprise reputations for uniform resource locators | United States | 14/752,909 | 6/27/2015 | Issued | 8/14/2018 | 10050980 | MCAFEE, LLC |
| Enterprise reputations for uniform resource locators | China | 201680037855.9 | 5/25/2016 | Published | | | MCAFEE, LLC |

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|--|------------------------|-------------------|------------|-----------|------------|------------|--------------|
| Enterprise reputations for uniform resource locators | European Patent Office | 16818403.4 | 5/25/2016 | Published | | | MCAFEE, LLC |
| Security service for an unmanaged device | United States | 14/866,800 | 6/25/2015 | Issued | 2/4/2020 | 10554662 | MCAFEE, LLC |
| Security service for an unmanaged device | United States | 16/725,113 | 12/23/2019 | Pending | | | MCAFEE, LLC |
| Security service for an unmanaged device | China | 201680038967.6 | 5/30/2016 | Published | | | MCAFEE INC |
| Security service for an unmanaged device | European Patent Office | 16818420.8 | 5/30/2016 | Issued | 4/8/2020 | 3318042 | MCAFEE LLC |
| SECURITY SERVICE FOR AN UNMANAGED DEVICE | Germany | 60 2016 033 764.9 | 5/30/2016 | Issued | 4/8/2020 | 3318042 | MCAFEE LLC |
| SECURITY SERVICE FOR AN UNMANAGED DEVICE | France | 16818420.8 | 5/30/2016 | Issued | 4/8/2020 | 3318042 | MCAFEE LLC |
| Establishing nodes for global routing manager | United States | 14/929,277 | 10/31/2015 | Issued | 8/28/2018 | 10063419 | MCAFEE, LLC |
| Establishing nodes for global routing manager | United States | 16/112,505 | 8/24/2018 | Issued | 6/9/2020 | 10681119 | MCAFEE, LLC |
| End-point visibility | United States | 15/089,021 | 4/1/2016 | Issued | 1/28/2020 | 10546131 | MCAFEE, LLC |
| End-point visibility | United States | 16/751,471 | 1/24/2020 | Allowed | | | MCAFEE, LLC |
| Advanced threat protection cross-product security controller | United States | 14/757,782 | 12/23/2015 | Issued | 9/18/2018 | 10078753 | MCAFEE, LLC |
| Advanced threat protection cross-product security controller | United States | 16/133,485 | 9/17/2018 | Issued | 9/8/2020 | 10769276 | MCAFEE, LLC |
| Advanced threat protection cross-product security controller | United States | 16/985,920 | 8/5/2020 | Pending | | | MCAFEE, LLC |
| Advanced threat protection cross-product security controller | PCT | PCT/US2016/052826 | 9/21/2016 | Published | | | MCAFEE, INC. |
| Immersive Virtual Security Operations Environment | PCT | PCT/US21/29941 | 04/29/2021 | Pending | | | MCAFEE LLC |
| Technologies For Privacy-Preserving Security Policy Evaluation | United States | 17/153,708 | 01/20/2021 | Pending | | | MCAFEE LLC |
| Modifiable Client-Side Encrypted Data In The Cloud | European Patent Office | 19867415.2 | 09/23/2019 | Pending | | | MCAFEE LLC |

| TITLE | JURISDICTION | APP. NO. | APP. DATE | STATUS | GRANT DATE | PATENT NO. | OWNER |
|--|---------------|------------------|------------|---------|------------|------------|------------|
| Modifiable Client-Side Encrypted Data In The Cloud | United States | 17/351,706 | 06/18/2021 | Pending | | | MCAFEE LLC |
| Method for secure audit of command control and control communications leveraging ratchet trees | PCT | PCT/US21/30004 | 04/29/2021 | Pending | | | MCAFEE LLC |
| Immersive Virtual Security Operations Environment | PCT | PCT/US21/29941 | 04/29/2021 | Pending | | | MCAFEE LLC |
| Enterprise Reputations For Uniform Resource Locators | Germany | 60 2016 051479.6 | 05/25/2016 | Issued | 01/13/2021 | EP3314860 | MCAFEE LLC |
| Enterprise Reputations For Uniform Resource Locators | France | 16818403.4 | 05/25/2016 | Issued | 01/13/2021 | EP3314860 | MCAFEE LLC |
| Enterprise Reputations For Uniform Resource Locators | Ireland | 16818403.4 | 05/25/2016 | Issued | 01/13/2021 | EP3314860 | MCAFEE LLC |
| Enterprise Reputations For Uniform Resource Locators | Netherlands | 16818403.4 | 05/25/2016 | Issued | 01/13/2021 | EP3314860 | MCAFEE LLC |
| Systems And Methods For Delivery Using A Message Queue | India | 202041049317 | 11/11/2020 | Pending | | | MCAFEE LLC |
| Distributed hybrid model for SECaaS | India | 202141017560 | 04/15/2021 | Pending | | | MCAFEE LLC |
| Heuristic model to self-manage and auto-update containerized services | India | 202141017521 | 04/15/2021 | Pending | | | MCAFEE LLC |
| Pattern to create Zero Trust framework for Security as A Service (SECaaS) | India | 202141017536 | 04/15/2021 | Pending | | | MCAFEE LLC |

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RECORDED: 06/01/2022