February 21, 2023

APPENDIX C

PRIOR ART INDEX

’869 Patent

Prior Art That Anticipates Or Renders Obvious The Asserted Claims

- U.S. Patent Pub. No. 2015/0213376 (“Ideses”)
- U.S. Patent Pub. No. 2016/0154960 (“Sharma”)
- U.S. Patent Pub. No. 2017/0098074 (“Okano”)
- U.S. Patent Pub. No. 2014/0181973 (“Lee”)

Additional Relevant Prior Art References

- U.S. Patent Pub. 2012/0227105 (“Friedrichs”)
- U.S. Patent Pub. 2012/0159620 (“Seifert”)
- U.S. Patent Pub. 2003/0065926 (“Schultz”)
- U.S. Patent Pub. 2015/0033341 (“Schmidtler”)
- Classification of Malware Based on String and Function Feature Selection, July 2010 (https://ieeexplore.ieee.org/document/5615149)

* Also incorporated by reference is all prior art cited during prosecution of the ’869 patent and any patent sharing a common priority claim, directly or indirectly, with the ’869 patent.

’244 Patent

Prior Art That Anticipates Or Renders Obvious The Asserted Claims

- U.S. Patent Pub. No. 2007/0150957 (“Hartrell”)

- Japanese Patent Pub. No. JP 2005250760 A ("Miyamoto")
- International Patent Pub. No. WO 2001033359 A1 ("Lum")
- Japanese Patent Pub. No. JP 2004334312 A ("Oya")

Additional Relevant Prior Art References

- U.S. Patent Pub. No. 2007/0174911 ("Kronenbert et al.")
- Japanese Patent Pub. No. JP 2004086241 A ("Sekiguchi")
- U.S. Patent Pub. No. 2006/0017557 ("Chung et al.")
- U.S. Patent 6,658,571 ("O'Brien et al.")
- Know Your Enemy: Sebek – A kernel based data capture tool, November 17, 2003 (https://www.cs.jhu.edu/~rubin/courses/sp04/sebek.pdf)
- Host-Based Intrusion Detection, June 15, 2005, (https://sites.cs.ucsb.edu/~chris/research/doc/infsec05_hids.pdf)
- I^3FS: An In-Kernel Integrity Checker and Intrusion Detection File System, September 17, 2004 (https://www.filesystems.org/docs/i3fs/i3fs.html)

* Also incorporated by reference is all prior art cited during prosecution of the '244 patent and any patent sharing a common priority claim, directly or indirectly, with the '244 patent.

<u>'243 Patent</u>

Prior Art That Anticipates Or Renders Obvious The Asserted Claims

- U.S. Patent No. 6,775,780 ("Muttik")
- U.S. Patent Pub. No. 2007/0150957 ("Hartrell")

- Taiwanese Patent Pub. No. TWI252976B ("Song")
- U.S. Patent No. 7,665,138 ("Song")
- U.S. Patent No. 7,093,292 ("Pantuso")
- International Patent Pub. No. WO 2001033359 A1 ("Lum")
- U.S. Patent No. 6,785,732 ("Bates")

Additional Relevant Prior Art References

- U.S. Patent No. 8,239,947 ("Glick")
- U.S. Patent No. 6,973,577 ("Kouznetsov")
- U.S. Patent Pub. No. 2004/0064736 ("Obrecht")
- International Pub. No. WO 1999015966 A1 ("Nachenberg")
- U.S. Patent No. 8,321,910 ("English")

* Also incorporated by reference is all prior art cited during prosecution of the '243 patent and any patent sharing a common priority claim, directly or indirectly, with the '243 patent.

<u>'932 Patent</u>

Prior Art That Anticipates Or Renders Obvious The Asserted Claims

- U.S. Patent No. 6,775,780 ("Muttik")
- U.S. Patent Pub. No. 2007/0150957 ("Hartrell")
- Taiwanese Patent Pub. No. TWI252976B ("Song")
- U.S. Patent No. 7,665,138 ("Song")
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* Also incorporated by reference is all prior art cited during prosecution of the '932 patent and any patent sharing a common priority claim, directly or indirectly, with the '932 patent.

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