

1 Juanita R. Brooks (CA SBN 75934) brooks@fr.com  
 Roger A. Denning (CA SBN 228998) denning@fr.com  
 2 Jason W. Wolff (CA SBN 215819) wolff@fr.com  
 John-Paul Fryckman (CA 317591) fryckman@fr.com  
 3 K. Nicole Williams (CA291900) nwilliams@fr.com  
 4 FISH & RICHARDSON P.C.  
 12860 El Camino Real, Ste. 400  
 5 San Diego, CA 92130  
 Telephone: (858) 678-5070 / Fax: (858) 678-5099  
 6

7 Proshanto Mukherji (*Pro Hac Vice*) mukherji@fr.com  
 FISH & RICHARDSON P.C.  
 8 One Marina Park Drive  
 Boston, MA 02210  
 9 Phone: (617) 542-5070/ Fax: (617) 542-5906

10 Robert Courtney (CA SBN 248392) courtney@fr.com  
 FISH & RICHARDSON P.C.  
 11 3200 RBC Plaza  
 12 60 South Sixth Street  
 Minneapolis, MN 55402  
 13 Phone: (612) 335-5070 / Fax: (612) 288-9696

14 Attorneys for Plaintiff  
 15 FINJAN LLC

16 UNITED STATES DISTRICT COURT  
 17 NORTHERN DISTRICT OF CALIFORNIA  
 18 (SAN JOSE DIVISION)

19 FINJAN LLC., a Delaware Limited Liability  
 20 Company,  
 21 Plaintiff,  
 22 v.  
 23 SONICWALL, INC., a Delaware Corporation,  
 24 Defendant.

Case No. 5:17-cv-04467-BLF (VKD)

**PLAINTIFF FINJAN LLC'S OFFER OF  
 PROOF RE THE APPORTIONMENT  
 OPINIONS OF AARON STRIEGEL, PH.D.**

Date: March 18, 2021  
 Time: 1:30 PM  
 Hon. Beth Labson Freeman  
 Ctrm: 3, 5<sup>th</sup> Floor

1 In view of the discussion during the Court’s March 18 hearing on SonicWall’s Third  
2 Motion *in Limine* (D.I. 362), Finjan respectfully submits the following offer of proof. Were the  
3 Court to permit Aaron Striegel, Ph.D., to testify about his methodology regarding the  
4 identification of accused products’ “top-level functions” for technical apportionment purposes, Dr.  
5 Striegel’s testimony, consistent with his expert report and deposition, would include the following:

6 1. Dr. Striegel would testify that he is a Professor in the Department of Computer  
7 Science and Engineering at the University of Notre Dame. Exh. A (Striegel Rep.) ¶ 3. He holds a  
8 Ph.D. in Electrical and Computer Engineering, and has published twenty-six peer-reviewed  
9 journal papers and eighty-nine conference papers in the areas of computer networking, computer  
10 security, engineering education, and real-time systems. *Id.* ¶¶ 3–5. Three of his papers have  
11 received best paper awards at conferences, and his work has been cited in research papers and  
12 other scholarly materials over 2500 times. *Id.* ¶ 5. Dr. Striegel would testify that he has reviewed  
13 technical material concerning the SonicWall accused products and formed opinions about  
14 technical apportionment for Finjan’s asserted patents as to those products.

15 2. Dr. Striegel would testify that to support his technical apportionment analysis, he  
16 identified, for each accused product, that product’s “top-level functions.” *Id.* ¶¶ 86–87. He relied  
17 for this task on “datasheets for the accused products because datasheets typically provide a  
18 window into the product in a very compact form to convey to a particular interested customer what  
19 are the key benefits, what are the functions, [and] what one should expect if one were to go out  
20 and purchase the product.” *Id.* ¶ 88. The datasheets are “targeted at skilled technologists,” and  
21 “provid[e] a very crisp summary [ ] of what are the key benefits . . . that one would receive when  
22 purchasing or utilizing [a] particular [product].” Exh. B (Striegel Dep. Tr.) 151:25–152:5. Dr.  
23 Striegel would testify that an exemplary datasheet relied on by him (which was discussed at the  
24 hearing) is the datasheet for SonicWall’s “SuperMassive” product. *Id.* ¶ 90; *see also* Exh. C

3. For each accused product, Dr. Striegel would testify that he created a list of that product’s “top-level functions,” based on the datasheets and also on his own expertise and experience. Exh. A ¶ 88; *see also id.* ¶ 91 (exemplary list of twelve “top-level functions” for SuperMassive). In the case of SuperMassive, his list of twelve top-level functions “matches up” to the blue-colored rows on the three pages of the datasheet labeled “Features.” Exh. B 148:14–149:5. In his expert opinion, as Dr. Striegel testified at his deposition, the twelve blue-highlighted features “are what SonicWall publicly represents to someone who would purchase the device . . . that these are the key benefits that one would expect to gain.” *Id.* at 152:10–19.

4. Where datasheets (such as the SuperMassive datasheet) listed other “features”—i.e., features not highlighted in blue, but listed below the blue-highlighted “top-level functions”—Dr. Striegel would testify that in his expert opinion each of these “features” are subsumed within the “top-level functions” under which it is listed.

An example set of a blue-highlighted term Dr. Striegel calls a “top-level functions,” and unhighlighted lesser “features” following it, is below:

Feature	Description
Reassembly-Free Deep Packet Inspection (RFDPI)	This high-performance, proprietary and patented inspection engine performs stream-based, bi-directional traffic analysis, without proxying or buffering, to uncover intrusion attempts and malware and to identify application traffic regardless of port.
Bi-directional inspection	Scans for threats in both inbound and outbound traffic simultaneously to ensure that the network is not used to distribute malware and does not become a launch platform for attacks in case an infected machine is brought inside.
Stream-based inspection	Proxy-less and non-buffering inspection technology provides ultra-low latency performance for DPI of millions of simultaneous network streams without introducing file and stream size limitations, and can be applied on common protocols as well as raw TCP streams.
Highly parallel and scalable	The unique design of the RFDPI engine works with the multi-core architecture to provide high DPI throughput and extremely high new session establishment rates to deal with traffic spikes in demanding networks.
Single-pass inspection	A single-pass DPI architecture simultaneously scans for malware, intrusions and application identification, drastically reducing DPI latency and ensuring that all threat information is correlated in a single architecture.

Exh. C at SONICWALL-FINJAN\_00000660 (annotated). Dr. Striegel would testify that he took this distinction between “top-level functions” and lesser “sub features” from the datasheets themselves.

1 they represented in the document that these [the blue-highlighted “top-level functions”] are the  
2 core [functions], the key benefits that [a purchaser] would receive[.] Exh. B at 157:20–23. Dr.  
3 Striegel would testify that if one took the time—as SonicWall had when constructing the  
4 datasheet—one could “go through and appropriately map those features, specific individual  
5 smaller features to the broader top-level functions.” *Id.* at 158:6–158:9. In other words, one of  
6 skill in the art would know and could show that the sub features are subsumed within the top-level  
7 functions.

8         5. Dr. Striegel would testify that he did consider the lesser “features,” and considered  
9 whether they should be used for apportionment, but ultimately determined, in his expert opinion,  
10 that it is more accurate to rely on the “top-level functions.” Dr. Striegel would testify, as he did at  
11 deposition, that this is because the features are “narrow” and of interest primarily to “a particular  
12 customer, [who may] need a particular feature[.]” *Id.* 154:21–155:1. Dr. Striegel would testify,  
13 as he did at deposition, how he considered the “features,” but relied instead on the higher-level  
14 “top-level functions” for his analysis:

15                 Again, if I’m . . . a particular customer, if I need a particular feature, I  
16                 might look through this [the list of lesser “features”] to see is it present with  
17                 regards to this [product].

18                 But, again, as part of my methodology, what I looked at is what are those  
19                 **key** benefits, what are those **key top-level functions** that SonicWall is  
20                 representing. This [list of lesser features] is more of an enumeration of  
21                 many different features which might be out there, some which may be  
22                 important, some which may not be as important.

23 *Id.* at 155:2–12 (emphasis added).

24         6. SonicWall’s lawyer returned to the issue of the “sub features” several times during

1 Striegel would testify, as he did throughout his deposition, that he considered each “sub feature,”  
2 but ultimately determined that in his expert opinion the higher-level “top-level functions” are more  
3 appropriate for apportionment:

4 I did not conduct [my analysis] on a sub feature by sub feature basis  
5 because I did not feel that would be an appropriate analysis. I thought that  
6 the appropriate top-level functions that I identified would be, again, in line  
7 with what someone skilled in the area would understand to likely be present  
8 on these type of devices, and based on my own expertise of what I would  
9 view as a key top-level function.

10 I did evaluate the sub features. . . . [T]hat’s part of the process of  
11 evaluating would [a specific] top-level function have benefited from the . . .  
12 asserted patents and the asserted claims.

13 *Id.* at 252:17–253:5.

14 7. Dr. Striegel would testify, again consistent with his deposition, about his  
15 methodology for using the top-level functions rather than the sub features for his apportionment  
16 analysis. For example in discussing a separate data sheet for which he had identified four “top-  
17 level functions”:

18 These [the sub features] might speak to particular features which may not  
19 be necessarily valuable to different customers as well . . . . I had looked  
20 through these [the sub features].

21 . . . I had to discern what are the *top-level* functions and I stand by my  
22 findings that those four top-level functions were appropriate.

23 *Id.* at 265:14–23 (emphasis added).

24 8. In sum: Dr. Striegel would testify, consistent with his expert report and deposition,

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.