

IN THE UNITED STATES DISTRICT COURT

FOR THE DISTRICT OF DELAWARE

PARALLEL NETWORKS, LLC,

Plaintiff,

v.

CISCO SYSTEMS, INC.,

Defendant.

C.A. No. _____

JURY TRIAL DEMANDED

COMPLAINT FOR PATENT INFRINGEMENT

Plaintiff Parallel Networks, LLC (“Parallel”) files this Complaint for patent infringement against Defendant Cisco Systems, Inc. (“Cisco” or “Defendant”) and alleges as follows:

PARTIES

1. Plaintiff Parallel Networks, LLC is a Delaware limited liability company having its principal place of business at 1105 N. Market St., Suite 300, Wilmington, Delaware 19801.

2. On information and belief, Cisco is a corporation organized under the laws of the State of Delaware, and has a principal place of business at 170 West Tasman Dr., San Jose, California 95134 and/or is conducting business through an affiliate located at this address.

JURISDICTION AND VENUE

3. This civil action for patent infringement arises under the Patent Laws of the United States, 35 U.S.C. §§ 1 *et seq.* This Court has jurisdiction over the claims presented herein pursuant to 28 U.S.C. §§ 1331 and 1338(a).

4. On information and belief, Cisco makes, imports, uses, sells, and/or offers for sale the Accused Instrumentalities (as defined below) within the United States, including this

District, that infringe one or more claims of United States Patent No. 7,571,217 entitled “METHOD AND SYSTEM FOR UNIFORM RESOURCE LOCATOR TRANSFORMATION” (the “’217 Patent”). The ’217 Patent was duly and legally issued by the United States Patent and Trademark Office on August 4, 2009. A true and correct copy of the ’217 Patent is attached hereto as Exhibit 1.

5. On information and belief, Cisco makes, imports, uses, sells, and/or offers for sale the Accused Instrumentalities (as defined below) within the United States, including this District, that infringe one or more claims of United States Patent No. 8,352,570 entitled “METHOD AND SYSTEM FOR UNIFORM RESOURCE LOCATOR TRANSFORMATION” (the “’570 Patent”). The ’570 Patent was duly and legally issued by the United States Patent and Trademark Office on January 8, 2013. A true and correct copy of the ’570 Patent is attached hereto as Exhibit 2.

6. The ’217 Patent and ’570 Patent are collectively referred to herein as the “Asserted Patents.”

7. Parallel is the owner by assignment of all rights, title, and interests in the Asserted Patents, and is entitled to sue for past and future infringement thereof.

8. On information and belief, Cisco is engaged in the business of developing and selling Internet Protocol (IP) based networking products. More particularly, Cisco offers an Application Control Engine Appliance (“ACE”) series of products designed to enhance application availability, accelerate application performance, and help secure the data center and mission critical application from attacks. The ACE products reduce the number of servers, load balancers, and firewalls needed by a data center. *See* <http://www.cisco.com/en/US/products/ps8361/index.html> (last visited 12/17/2013). The ACE

products are able to perform adaptive dynamic caching of URLs. *See*

http://www.cisco.com/en/US/docs/app_ntwk_services/data_center_app_services/ace_appliances/vA1_7_/configuration/app_acceleration_and_optimization/guide/aloptmze.pdf pg. 2-5 (last visited 12/17/2013). The ACE products' caching of dynamic URLs can be done based on rewritten URLs. *See*

http://www.cisco.com/en/US/docs/app_ntwk_services/data_center_app_services/ace_appliances/vA3_1_0/configuration/slb/guide/classlb.pdf pg. 3-18 (last visited 12/17/2013). The ACE series of products, and any other Cisco products offering similar caching and URL re-writing features, alone and/or in combination, comprise and are referred to herein as the "Accused Instrumentalities."

9. On information and belief, Cisco markets, offers for sale, and sells the Accused Instrumentalities in this District via a website, <http://www.cisco.com/en/US/hmpgs/index.html>, that encourages a website visitor to call or email to purchase directly from Cisco. *See*

<http://www.cisco.com/web/ordering/root/index.html> (last visited on 12/17/2013). On information and belief, Cisco also markets, offers for sale, and sells the Accused Instrumentalities via resellers and partners in this District. *See*

<http://tools.cisco.com/WWChannels/LOCATR/performanceBasicSearch.do> (for zip code 19808) (last visited 12/17/2013).

10. On information and belief, Cisco directly and/or indirectly imports, manufactures, uses, offers for sale, and/or sells the Accused Instrumentalities within the United States, including this District, that infringe one or more claims of the Asserted

Patents. On information and belief, Cisco has a facility at 501 Silverside Rd, Wilmington, Delaware 19809.

11. Venue is proper in this District pursuant to 28 U.S.C. § 1400(b).

GENERAL ALLEGATIONS

12. On information and belief, Cisco is engaged in the business of developing, making or having made, using, offering for sale and selling the Accused Instrumentalities. Among the many features of the Accused Instrumentalities is the ability to perform transparent cache switching. On information and belief, each of the Accused Instrumentalities constitute an integrated hardware and software solution that acts, among other capacities, as a caching server that receives requests for web content comprising URL and header information. *See, e.g.,* http://www.cisco.com/en/US/docs/app_ntwk_services/data_center_app_services/ace_appliances/vA1_7_/configuration/app_acceleration_and_optimization/guide/aloptmze.pdf pg. 2-5 (last visited 12/17/2013). On information and belief, each of the Accused Instrumentalities determines whether requested content is cached, and provides web address translation and request/response rewrite in connection with requests for web content according to one or more rules. For example, not by way of limitation, each of Cisco's Accused Instrumentalities perform caching of dynamic content and modifies incoming HTTP requests before forwarding the requests for retrieval. *See* http://www.cisco.com/en/US/docs/app_ntwk_services/data_center_app_services/ace_appliances/vA3_1_0/configuration/slb/guide/classlb.pdf pg. 3-18 (last visited 12/17/2013). This information is found in Cisco online product documentation, which is available to the public, including purchasers and/or users of the Accused Instrumentalities. In addition, the Accused Instrumentalities handle HTTP traffic before it is directed to an origin web server. The Accused

Instrumentalities are configurable to inspect and modify headers to prior to the retrieval of the requested content, including retrieval of the requested content from cache. As shown by at least these examples, Cisco provides technical support to teach and encourage its customers of the Accused Instrumentalities how to use the products to perform caching as claimed in the Asserted Patents.

FIRST CLAIM FOR RELIEF

(Infringement of the '217 Patent)

13. Parallel incorporates paragraphs 1 through 12 as though fully set forth herein.

14. Upon information and belief, Cisco has been and now is directly infringing one or more claims of the '217 Patent by making, importing, using (including use for testing purposes), offering for sale, and/or selling the patented inventions.

15. In addition and/or in the alternative, Cisco has been and/or now is indirectly infringing one or more claims of the Asserted Patents by inducing customers to use the Accused Instrumentalities to directly infringe one or more claims of the Asserted Patents in violation of 35 U.S.C. § 271(b).

16. At least by the filing of this action, Cisco has been given actual notice of the existence of the '217 Patent. In spite of having received such notice, Cisco has intended, and continues to intend, to induce patent infringement by its customers, and, as of at least the filing date of this action, has had knowledge that the inducing acts would cause infringement or, alternatively, has been willfully blind to the possibility that its inducing acts would cause infringement.

17. The Accused Instrumentalities comprise the systems claimed in one or more claims of the '217 Patent, and, when configured and used as described in Cisco's technical publications, perform the method(s) described and claimed in the Asserted Patents. Cisco has

engaged in indirect infringement by its post-complaint conduct of providing its customers with the infringing Accused Instrumentalities, and/or by providing the Accused Instrumentalities and providing instructions to enable those customers to use the Accused Instrumentalities, each of which constitute the system claimed in one or more claims of the '217 Patent, and/or to utilize the Accused Instrumentalities so as to practice the method claimed in one or more claims of the '217 Patent.

18. By way of example, and not as a limitation, Cisco induces such infringement by at least making its website available to customers and providing links and/or other directions on its website and/or the internet to instruct and teach users to use the Accused Instrumentalities in an infringing manner. Cisco engages in such activities knowingly and, at least from the time of receipt of the present Complaint, has done so with the knowledge that such activities induce customers to directly infringe the Asserted Patents. In addition, or, in the alternative, Cisco engages in such activities knowingly, and, at least from the time of receipt of the present Complaint, has sold or distributed the Accused Instrumentalities knowing that such Accused Instrumentalities are especially made or adapted for use by its customers in an infringing use of one or more claims of the Accused Instrumentalities. On information and belief, Cisco's customers configure the Accused Instrumentalities to cache or facilitate the caching of data as described and claimed in the Asserted Patents. Thus, Cisco's customers, by using the Accused Instrumentalities, directly infringe the claimed method(s) of the Asserted Patents.

19. Parallel has been damaged by the infringing activities of Cisco, and will be irreparably harmed unless those infringing activities are preliminarily and permanently enjoined by this Court. Parallel does not have an adequate remedy at law.

20. By the filing of this action, Cisco has been given actual notice of the existence of the '217 Patent. Despite such notice, Cisco continues in acts of infringement without regard to the '217 Patent, and will likely continue to do so unless otherwise enjoined by this Court. Parallel is not presently seeking damages against Cisco for indirect infringement for the period prior to the filing of this Complaint. However, in the event that Parallel learns through discovery that Cisco had actual notice of the '217 Patent prior to the filing of this Complaint, Parallel reserves the right to seek damages for Cisco's activities prior to filing.

SECOND CLAIM FOR RELIEF

(Infringement of the '570 Patent)

21. Parallel incorporates paragraphs 1 through 12 as though fully set forth herein.

22. Upon information and belief, Cisco has been and now is directly infringing one or more claims of the '570 Patent by making, importing, using (including use for testing purposes), offering for sale, and/or selling the patented inventions.

23. In addition and/or in the alternative, Cisco has been and/or now is indirectly infringing one or more claims of the Asserted Patents by inducing customers to use the Accused Instrumentalities to directly infringe one or more claims of the Asserted Patents in violation of 35 U.S.C. § 271(b).

24. At least by the filing of this action, Cisco has been given actual notice of the existence of the '570 Patent. In spite of having received such notice, Cisco has intended, and continues to intend, to induce patent infringement by its customers, and, as of at least the filing date of this action, has had knowledge that the inducing acts would cause infringement or, alternatively, has been willfully blind to the possibility that its inducing acts would cause infringement.

25. The Accused Instrumentalities comprise the systems claimed in one or more claims of the '570 Patent, and, when configured and used as described in Cisco's technical publications, perform the method(s) described and claimed in the Asserted Patents. Cisco has engaged in indirect infringement by its post-complaint conduct of providing its customers with the infringing Accused Instrumentalities, and/or by providing the Accused Instrumentalities and providing instructions to enable those customers to use the Accused Instrumentalities, each of which constitute the system claimed in one or more claims of the '570 Patent, and/or to utilize the Accused Instrumentalities so as to practice the method claimed in one or more claims of the '570 Patent.

26. By way of example, and not as a limitation, Cisco induces such infringement by at least making its website available to customers and providing links and/or other directions on its website and/or the internet to instruct and teach users to use the Accused Instrumentalities in an infringing manner. Cisco engages in such activities knowingly and, at least from the time of receipt of the present Complaint, has done so with the knowledge that such activities induce customers to directly infringe the Asserted Patents. In addition, or, in the alternative, Cisco engages in such activities knowingly, and, at least from the time of receipt of the present Complaint, has sold or distributed the Accused Instrumentalities knowing that such Accused Instrumentalities are especially made or adapted for use by its customers in an infringing use of one or more claims of the Accused Instrumentalities. On information and belief, Cisco's customers configure the Accused Instrumentalities to cache or facilitate the caching of data as described and claimed in the Asserted Patents. Thus, Cisco's customers, by using the Accused Instrumentalities, directly infringe the claimed method(s) of the Asserted Patents.

27. Parallel has been damaged by the infringing activities of Cisco, and will be irreparably harmed unless those infringing activities are preliminarily and permanently enjoined by this Court. Parallel does not have an adequate remedy at law.

28. By the filing of this action, Cisco has been given actual notice of the existence of the '570 Patent. Despite such notice, Cisco continues in acts of infringement without regard to the '570 Patent, and will likely continue to do so unless otherwise enjoined by this Court. Parallel is not presently seeking damages against Cisco for indirect infringement for the period prior to the filing of this Complaint. However, in the event that Parallel learns through discovery that Cisco had actual notice of the '570 Patent prior to the filing of this Complaint, Parallel reserves the right to seek damages for Cisco's activities prior to filing.

REQUEST FOR RELIEF

WHEREFORE, Parallel requests the following relief:

- (a) A judgment in favor of Parallel that Cisco has directly infringed, and/or has indirectly infringed by way of inducement, one or more claims of the Asserted Patents;
- (b) A judgment that Parallel has been irreparably harmed by the infringing activities of Cisco and is likely to continue to be irreparably harmed by Defendant's continued infringement;
- (c) Preliminary and permanent injunctions prohibiting Cisco and its officers, agents, servants, employees and those persons in active concert or participation with any of them, as well as all successors or assignees of the interests or assets related to the Accused Instrumentalities, from further infringement, direct and indirect, of the Asserted Patents;
- (d) A judgment and order requiring Cisco to pay Parallel damages adequate to compensate for infringement under 35 U.S.C. § 284, which damages may include lost profits but in no event shall be less than a reasonable royalty for the use made of the inventions of the

Asserted Patents, including pre- and post-judgment interest and costs, including expenses and disbursements; and

(e) Any and all such further necessary or proper relief as this Court may deem just.

DEMAND FOR JURY TRIAL

Pursuant to Rule 38(b) of the Federal Rules of Civil Procedure, Parallel hereby demands a trial by jury of all issues so triable.

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