

3. Defendant Time Warner Cable Enterprises LLC (“TWC Enterprises”) is a subsidiary of TWC Inc. and is a Delaware limited liability company with its principal place of business at 60 Columbus Circle, New York, New York 10023. TWC Enterprises may be served with process via its registered agent, The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801.

4. TWC Inc. and TWC Enterprises are referred to herein, collectively, as “TWC” or “defendants.”

Jurisdiction and Venue

5. This is an action for patent infringement arising under the Patent Laws of the United States, Title 35 of the United States Code.

6. This Court has subject matter jurisdiction over this action pursuant to 28 U.S.C. §§ 1331 and 1338(a) because the action concerns the infringement of United States patents.

7. This court has personal jurisdiction over defendants. Each defendant is a corporation organized and existing under the laws of the State of Delaware, and each defendant maintains a registered agent for service of process in Delaware. In addition, upon information and belief, defendants either directly or indirectly through one or more of their subsidiaries, affiliates, partners, or other related parties, have conducted and/or continue to conduct business within Delaware. On information and belief, defendants have and/or do now, directly or through intermediaries (including distributors, retailers and others) shipped, distributed, offered for sale, sold, advertised, operated, used and/or directed the operation and use of their respective cable systems and services, including infringing cable system components, in the United States, and Delaware.

8. Venue is proper in this Court pursuant to 28 U.S.C. §§ 1391 and 1400(b).

The Patents-In-Suit

9. On May 10, 2011, the United States Patent and Trademark Office duly and legally issued the '822 Patent, entitled "Intelligent Device System and Method for Distribution of Digital Signals on a Wideband Signal Distribution System," to its inventors, Earl Hennenhofer, Richard Snyder and Robert Stine. The inventors assigned all rights in the '822 Patent to CBV, Inc. ("CBV"), which was founded by the inventors, and CBV assigned the '822 Patent to ChanBond, including all rights to enforce the '822 Patent and to recover for infringement. ChanBond has all right, title and interest to the '822 Patent. The '822 Patent is valid and in force. A true and correct copy of the '822 Patent is attached hereto as Exhibit A.

10. On December 25, 2012, the United States Patent and Trademark Office duly and legally issued the '679 Patent, entitled "Intelligent Device System and Method for Distribution of Digital Signals on a Wideband Signal Distribution System," to its inventors, Earl Hennenhofer, Richard Snyder and Robert Stine. The inventors assigned all rights in the '679 Patent to CBV, which was founded by the inventors, and CBV assigned the '679 Patent to ChanBond, including all rights to enforce the '679 Patent and to recover for infringement. ChanBond has all right, title and interest to the '679 Patent. The '679 Patent is valid and in force. A true and correct copy of the '679 Patent is attached hereto as Exhibit B.

11. On March 17, 2015, the United States Patent and Trademark Office duly and legally issued the '565 Patent, entitled "Intelligent Device System and Method for Distribution of Digital Signals on a Wideband Signal Distribution System," to its inventors, Earl Hennenhofer, Richard Snyder and Robert Stine. The inventors assigned all rights in the '565 Patent to CBV, which was founded by the inventors, and CBV assigned the '565 Patent to ChanBond, including all rights to enforce the '565 Patent and to recover for infringement. ChanBond has all right, title

and interest to the '565 Patent. The '565 Patent is valid and in force. A true and correct copy of the '565 Patent is attached hereto as Exhibit C.

12. Generally, the patents-in-suit are directed in improving the data transmission of wideband distribution systems. Historically, data service flows (e.g. data, web traffic, voice and video transmitted via the Internet Protocol) have been transmitted over a single channel at a fixed bandwidth. But with the demand for transmission of more and more content at ever increasing speeds, the capabilities of a single channel transmission methodology became exhausted.

13. The patents-in-suit address and overcome, among other things, the throughput problems regarding this single channel methodology. The inventors of the patents-in-suit invented intelligent devices that allow a single data service flow (e.g. large data transmissions) to be split and modulated onto multiple channels for transmission. This transmission is then demodulated and recombined back into a single service flow for distribution to addressable devices. Using the inventions, service providers are now capable of efficiently transmitting more content at higher speeds and better quality of service.

**COUNT I
(INFRINGEMENT OF THE '822 PATENT)**

14. Plaintiff incorporates paragraphs 1 through 13 herein by reference as if set forth here in full.

15. Upon information and belief, TWC has been and is currently directly infringing, literally or under the doctrine of equivalents, one or more claims of the '822 Patent by making, using, testing, offering to sell, and/or selling within the United States, and/or importing into the United States, without authority, cable systems and cable services that are covered by at least one claim of the '822 Patent. The accused cable systems include cable system components such as cable modem termination systems, RF transmission hardware, network monitoring equipment

and customer premises equipment (*e.g.*, cable modems, embedded multimedia terminal adapters, and set-top boxes), including but not limited to components that are compliant with the Data Over Cable System Interface Specification (“DOCSIS”) standard, version 3.0 or higher.¹ More particularly, TWC, without authority from Plaintiff, provides, operates, implements, sells, markets, imports and/or offers for sale cable systems and/or cable services that perform, are capable of performing or are provided having channel bonding functionality, including but not limited to cable systems and components that have the capability to distribute a service flow over multiple, bonded channels and/or the capability to receive a service flow over multiple, bonded channels (the “Accused Functionality”). TWC’s cable systems and components that perform or are capable of performing the accused functionality, and/or the use of such cable systems and components, infringe one or more claims of the ’822 Patent under 35 U.S.C. § 271.

16. As a result of TWC’s unlawful infringement of the ’822 Patent, Plaintiff has suffered and will continue to suffer damages in an amount to be proven at trial. Plaintiff is entitled to recover from TWC the damages adequate to compensate for such infringement, which have yet to be determined.

17. TWC will continue to infringe the ’822 Patent unless and until it is enjoined by this Court.

¹ See, *e.g.*, <http://www.timewarnercable.com/en/support/faqs/faqs-internet/internetmodemlease/what-is-docsis.html> (“...Time Warner Cable requires DOCSIS 3.0 modems on its higher speed Internet service tiers.”)

**COUNT II
(INFRINGEMENT OF THE '679 PATENT)**

18. Plaintiff incorporates paragraphs 1 through 17 herein by reference as if set forth here in full.

19. Upon information and belief, TWC has been and is currently directly infringing, literally or under the doctrine of equivalents, one or more claims of the '679 Patent by making, using, testing, offering to sell, and/or selling within the United States, and/or importing into the United States, without authority, cable systems and cable services that are covered by at least one claim of the '679 Patent. The accused cable systems include cable system components such as cable modem termination systems, RF transmission hardware, network monitoring equipment and customer premises equipment (*e.g.*, cable modems, embedded multimedia terminal adapters, and set-top boxes), including but not limited to components that are compliant with the DOCSIS standard, version 3.0 or higher. More particularly, TWC, without authority from Plaintiff, provides, operates, implements, sells, markets, imports and/or offers for sale cable systems and/or cable services that perform, are capable of performing or are provided having channel bonding functionality, including but not limited to cable systems and components that have the capability to distribute a service flow over multiple, bonded channels and/or the capability to receive a service flow over multiple, bonded channels (the "Accused Functionality"). TWC's cable systems and components that perform or are capable of performing the Accused Functionality, and/or the use of such cable systems and components, infringe one or more claims of the '679 Patent under 35 U.S.C. § 271.

20. As a result of TWC's unlawful infringement of the '679 Patent, Plaintiff has suffered and will continue to suffer damages in an amount to be proven at trial. Plaintiff is

entitled to recover from TWC the damages adequate to compensate for such infringement, which have yet to be determined.

21. TWC will continue to infringe the '679 Patent unless and until it is enjoined by this Court.

**COUNT III
(INFRINGEMENT OF THE '565 PATENT)**

22. Plaintiff incorporates paragraphs 1 through 21 herein by reference as if set forth here in full.

23. Upon information and belief, TWC has been and is currently directly infringing, literally or under the doctrine of equivalents, one or more claims of the '565 Patent by making, using, testing, offering to sell, and/or selling within the United States, and/or importing into the United States, without authority, cable systems and cable services that are covered by at least one claim of the '565 Patent. The accused cable systems include cable system components such as cable modem termination systems, RF transmission hardware, network monitoring equipment and customer premises equipment (*e.g.*, cable modems, embedded multimedia terminal adapters, and set-top boxes), including but not limited to components that are compliant with the DOCSIS standard, version 3.0 or higher. More particularly, TWC, without authority from Plaintiff, provides, operates, implements, sells, markets, imports and/or offers for sale cable systems and/or cable services that perform, are capable of performing or are provided having channel bonding functionality, including but not limited to cable systems and components that have the capability to distribute a service flow over multiple, bonded channels and/or the capability to receive a service flow over multiple, bonded channels (the "Accused Functionality"). TWC's cable systems and components that perform or are capable of performing the Accused

Functionality, and/or the use of such cable systems and components, infringe one or more claims of the '565 Patent under 35 U.S.C. § 271.

24. As a result of TWC's unlawful infringement of the '565 Patent, Plaintiff has suffered and will continue to suffer damages in an amount to be proven at trial. Plaintiff is entitled to recover from TWC the damages adequate to compensate for such infringement, which have yet to be determined.

25. TWC will continue to infringe the '565 Patent unless and until it is enjoined by this Court.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff ChanBond, LLC respectfully requests that this Court enter judgment in its favor as follows:

A. Declaring that defendants have infringed, literally and/or under the doctrine of equivalents, at least one claim of each of the '822, '679 and '565 Patents;

B. Awarding to Plaintiff the damages to which it is entitled under 35 U.S.C. § 284 for defendants' past infringement and any continuing or future infringement, including compensatory damages;

C. Awarding Plaintiff costs (including all disbursements) and expenses incurred in this action;

D. Awarding Plaintiff pre- and post-judgment interest on its damages; and

E. Awarding Plaintiff such other and further relief in law or in equity as this Court deems just and proper.

JURY DEMAND

Plaintiff, under Rule 38 of the Federal Rules of Civil Procedure, requests a trial by jury of any and all issues so triable by right.

Dated: September 21, 2015

BAYARD, P.A.

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