

**UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE**

INTERFACE LINX, LLC,

Plaintiff,

v.

VOXX INTERNATIONAL CORPORATION,
VOXX ELECTRONICS CORPORATION,
INVISION AUTOMOTIVE SYSTEMS INC.,
and KLIPSCH GROUP, INC.,

Defendants.

Civil Action No. 1:17-cv-01104-LPS-
CJB

**FIRST AMENDED COMPLAINT
FOR PATENT INFRINGEMENT**

Jury Trial Demanded

FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT

For its First Amended Complaint against Voxx International Corporation, Voxx Electronics Corporation, Invision Automotive Systems Inc., and Klipsch Group, Inc., Plaintiff Interface Linx, LLC alleges as follows:

THE PARTIES

1. Plaintiff Interface Linx, LLC (“Interface” or “Plaintiff”) is a California limited liability company having a principal place of business at 35 Hugus Alley, Suite 210, Pasadena, California 91103.

2. On information and belief, Voxx International Corporation, (“Voxx International”) is a corporation organized under the laws of Delaware and has its principal place of business at 2351 J. Lawson Blvd., Orlando, Florida 32827 and has appointed Corporation Service Company, at 251 Little Falls Drive, Wilmington, Delaware 19808, as its agent for service of process.

3. On information and belief, Voxx Electronics Corporation (“Voxx Electronics”) is a wholly-owned subsidiary of Voxx International, and is a corporation organized under the laws Delaware and has its principal place of business at 150 Marcus Blvd., Hauppauge, New York 11788 and has appointed Corporation Service Company, at 251 Little Falls Drive, Wilmington, Delaware 19808, as its agent for service of process.

4. On information and belief, Invision Automotive Systems Inc. (“Invision”) is a wholly-owned subsidiary of Voxx International, and is a Delaware corporation, with its principal place of business at 150 Marcus Blvd., Hauppauge, New York 11788 and has appointed Corporation Service Company, at 251 Little Falls Drive, Wilmington, Delaware 19808, as its agent for service of process.

5. On information and belief, Klipsch Group, Inc. (“Klipsch”) is a wholly-owned subsidiary of Voxx International, and is a corporation organized under the laws of Indiana, with a principal place of business of 3502 Woodview Trace, Suite 200, Indianapolis, Indiana 46268 and has appointed Corporation Service Company, at 251 Little Falls Drive, Wilmington, Delaware 19808, as its agent for service of process. Throughout this pleading, and unless specifically noted otherwise, Defendants Voxx International, Voxx Electronics, Invision, and Klipsch will be referenced collectively as the “Voxx Defendants” or “Defendants.”

JURISDICTION AND VENUE

6. This is a civil action for patent infringement arising under the Patent Act of the United States, 35 U.S.C. §§ 1 *et seq.* This court has subject matter jurisdiction of such federal question claims pursuant to 28 U.S.C. §§ 1331 and 1338(a).

7. This Court has personal jurisdiction over Defendants in this action due to at least one or more of the Defendants’ incorporation in Delaware. Defendants have committed acts within this district giving rise to this action and has established minimum contacts with this forum and

have purposefully availed themselves of the benefits of the state of Delaware, such that the exercise of jurisdiction would not offend traditional notions of fair play and substantial justice.

8. Venue is proper under 28 U.S.C. §§ 1391(b), 1391(c) and 1400(b) because one or more of the Defendants is incorporated in Delaware.

INTERFACE’S PATENT-IN-SUIT

9. On January 21, 2003, the United States Patent & Trademark Office duly and legally issued United States Letters Patent No. 6,508,678 (“the ’678 Patent”), entitled “Electrical Connector Assembly.”

10. The ’678 Patent is owned by Interface.

FIRST CLAIM FOR RELIEF

AGAINST DEFENDANTS FOR DIRECT, INDUCING, AND CONTRIBUTORY

INFRINGEMENT

11. Plaintiff incorporates herein by reference the allegations set forth in paragraphs 1-10 of the Complaint as though fully set forth herein.

12. A true and correct copy of the ’678 Patent is attached as Exhibit A and incorporated herein by reference.

13. Defendants have been and now are infringing at least Claim 1 of the ’678 Patent in this district, and elsewhere in the United States by, among other things, making, using (via testing or otherwise), importing, offering for sale, and/or selling products that infringe the ’678 Patent, as detailed below by each individual Defendant.

14. Defendants’ Accused Products include, for example and without limitation, Voxx Defendants’ Vehicle A/V products, such as the 12.1” Digital Hi-Def Overhead Monitor System with DVD and HD Inputs ADVEXL12A; Voxx Defendants’ Vehicle A/V products, such as the

Audiovox VODEXL10A 10.1-inch Hi-Def digital overhead system; Voxx Defendants' Vehicle A/V products, such as the INVISION ConnectedHD 8" Headrest System HR8D; and Voxx Defendants' Soundbars, such as the Klipsch Reference RSB-14 Sound Bar, Klipsch Reference RSB-6 Sound Bar, Klipsch Reference RSB-8 Sound Bar, Klipsch Reference RSB-11 Sound Bar, Klipsch - Reference Series 2.1-Channel Soundbar System; Klipsch Home Audio, Klipsch RP-HUB1 HD Control Center, Klipsch CS-700 and Voxx Defendants' Televisions, Audiovox FPE3206, Audiovox FPE5016P and Audiovox FPE2607. These products all contain a HDMI receptacle. Defendants' use of a HDMI plug with an Accused Product, or sale, offer for sale, or import of a HDMI plug and an Accused Product (either together or separately) constitutes direct infringement of the patented invention. The Accused Products and a HDMI plug is referred to as the "Accused Systems" that infringe the '678 Patent, and which are designed to the specifications of HDMI Type A.

15. Defendant Voxx International has been and now is infringing at least Claim 1 of the '678 Patent in this district, and elsewhere in the United States by using (upon information and belief via testing at its OEM manufacturing center in Orlando Florida or for quality assurance) Accused Systems that infringe the '678 Patent. On information and belief, Voxx International directs and controls wholly-owned subsidiaries that make use sell or offer to sell Accused Systems that infringe the '678 Patent. On its website, Voxx International includes the key domestic brands as "Klipsch[®], RCA[®], Invision[®], Jensen[®], Audiovox[®], Terk[®], Acoustic Research[®], Advent[®], Code Alarm[®], Car Connection[®], 808[®], AR for Her[®], and Prestige[®]."

16. Defendant Voxx Electronics has been and now is infringing at least Claim 1 of the '678 Patent in this district, and elsewhere in the United States by using (upon information and belief via testing, use at trade shows including the Specialty Equipment Market Association ("SEMA"))

Show and the and the Consumer Electronics Show (“CES”), or for quality assurance) Accused Systems that infringe the ’678 Patent.

17. Defendant Invision has been and now is infringing at least Claim 1 of the ’678 Patent in this district, and elsewhere in the United States by using (upon information and belief via testing at least at its facility in Orlando, Florida, use at trade shows including the National Automobile Dealers Association (“NADA”) Expo, or for quality assurance) Accused Systems that infringe the ’678 Patent.

18. Defendant Klipsch has been and now is infringing at least Claim 1 of the ’678 Patent in this district, and elsewhere in the United States by making, using (upon information and belief via testing at least at its facility in Indianapolis, Indiana, use at trade shows, or for quality assurance), selling, offering to sell, or importing the Accused Systems that infringe the ’678 Patent. Specifically, Klipsch’s sale, offer for sale or import of an HDMI plug and an Accused Product (together or separately) constitutes direct infringement.

19. The electrical connector assembly of Claim 1 offers significant improvements in plug and receptacle design, a benefit to Defendants’ customers by greatly improving ease of connectivity and the potential for data transfer once the connection is made. The physical design, envisioned with great specificity by the ’678 Patent, offered such improvements over the prior art that the HDMI standards utilized this design to create the Type A plug and receptacle found on the vast majority of electronic devices today.

20. Defendants’ Accused Systems are designed with the first element of Claim 1. Specifically, Defendants’ Accused Systems require both plugs and receptacles to form the electrical connector assembly and transfer data, including audio and video, over the HDMI connection. This plug must include plug housing with the mating portion within, the mating portion defined by a multi-sided confining wall.

21. Defendants have represented that only Defendant Klipsch sells an HDMI plug. An example of this plug that can be used with Defendants' Accused Systems can be found at Voxx Defendants' website <http://www.acoustic-research.com/platinum-series-hdmi/>, as shown below:

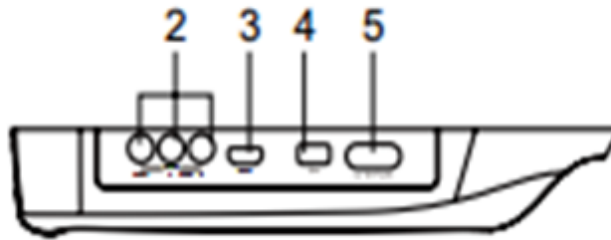


22. Defendants' Accused Systems are further designed with the second element of claim 2. Specifically, Defendants' Accused Systems require both plugs and receptacles to form the electrical connector assembly and transfer data, including audio and video, over the HDMI connection. This receptacle must include a mating portion with terminals mounted inside within, the mating portion defined by a multi-sided confining wall. An example of this receptacle can be found at Voxx Defendants' website and materials <http://www.adventproducts.com/search/?sku=ADVEXL12A> and http://www.adventproducts.com/docs/common/ADVEXL12A/ADVEXL12A_OM.pdf, as shown below:



HDMI 1 & HDMI 2

The HDMI inputs allow the user to enjoy high-definition digital images and high-quality sound by connecting a HD device such as a Blu-ray player or smartphone with an HDMI output to the system. The HDMI inputs also allow the user to connect with a Mobile High-Definition Link (MHL) mobile phone plug in the HDMI/MHL device with a special adapter available from your mobile phone provider. See page 30 for more information.



3. HDMI/MHL 1 INPUT

For connection of devices with HDMI/MHL outputs. See page 30 for more information.

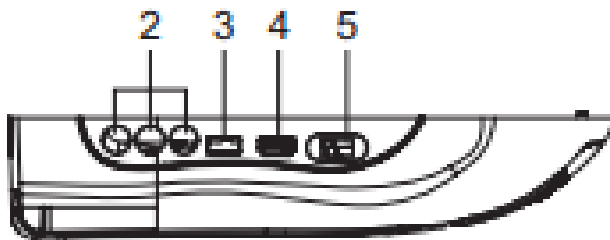
Note: Requires a HDMI/MHL enabled device and a special HDMI/MHL adapter. Contact your HDMI/MHL device supplier for the adapter.

23. Another example of this receptacle can be found at Voxx Defendants' website and materials <http://www.voxxelectronics.com/mobile-video/?sku=VODEXL10A> and http://www.voxxelectronics.com/docs/common/VODEXL10A/VODEXL10A_OM.pdf., as shown below:



- 1 User accessible and 1 Hidden HDMI/MHL Input (Hidden HDMI/MHL Input requires optional pigtail harness (HDIP1))

The VODEXL10A 10.1-inch Hi-Def digital overhead system will transform any backseat into a traveling entertainment center featuring HDMI/MHL inputs that give the user direct connection to any HDMI/MHL enabled device: smart phones, tablets, even Smart-TV devices. Audiovox is delivering more choices in device connectivity, more capability to enhance entertainment and more value than ever before. The VODEXL10A Overhead system incorporates certified HDMI/MHL inputs, giving you direct connection to any HDMI/MHL enabled device: smart phones, tablets, even Smart-TV devices. Our mobile video products provide delivery of high-definition audio and video content without losing the use of the DVD, making your entertainment possibilities literally endless. This system also features 10.1-inch Hi-Def digital, M1/M2 operations (when 2 units are installed in one vehicle), built-in 100 channel FM modulator with FM transmitter functions and 2 wireless fold flat headphones.



4. HDMI/MHL 1 INPUT

For connection of devices with HDMI/MHL outputs. See page 30 for more information.

HDMI 1 & HDMI 2

The HDMI inputs allow the user to enjoy high-definition digital images and high-quality sound by connecting a HD device such as a Blu-ray player or smartphone with an HDMI output to the system. The HDMI inputs also allow the user to connect with a Mobile High-Definition Link (MHL) mobile phone.

24. Another example of this receptacle can also be found at Voxx Defendants' website and materials <http://www.invisiondirect.com/HD-8/> and http://www.invisiondirect.com/docs/common/INV8HH01/INV8HH01_OM.pdf., as shown below:



8" DUAL DVD HDMI FACTORYMATCH REPLACEMENT HEADREST SYSTEM

INVISION continues to focus on providing greater connectivity for an enhanced rear seat entertainment experience. Our premium headrest and overhead products come with built-in HDMI/MHL inputs, delivering unlimited options in high-definition content delivery without having to sacrifice traditional DVD viewing. Of course, these new products have been

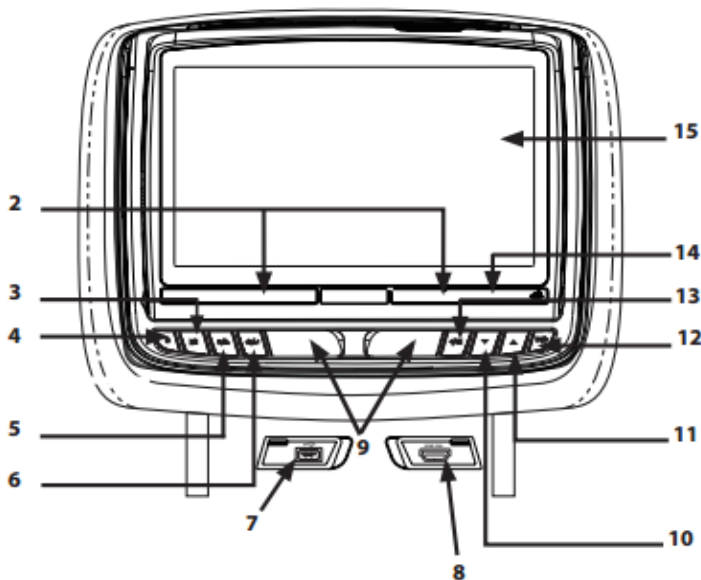


Figure 6

- 8. HDMI/MHL INPUT
For connection of device with HDMI/
MHL output.

9. JACK COVERS

Used to protect and cover the HDMI jack and USB port when not in use.

HDMI (HDMI/MHL)

Input located on the front of the unit

This input can be used for devices with HDMI or MHL output ports (such as smartphones, tablets, HDMI/MHL devices) and may require the purchase of an HDMI cable and HDMI adapter which is available from your device manufacturer. Each device has unique requirements, please consult with your device or smartphone manufacturer to determine which type of output your device supports.

25. Another example of this receptacle can also be found at Voxx Defendants’ website

and materials <http://assets.klipsch.com/product-specsheets/RSB-14-Spec-Sheet.pdf> and

<http://blog.son-video.com/en/?s=t%C3%A9%C3%A9commande>, as shown below:

HDMI 2.0 FOR 4K VIDEO PASS THROUGH

Whether or not you already have a 4K TV, the Klipsch Reference RSB-14 sound bar is the best choice for superior sound. Three HDMI 2.0 inputs with HDCP 2.2 provide for easy connection of your cable/DSS box, Blu-Ray player, and gaming system. One HDMI cable out to your TV provides for a superior picture. One HDMI cable is included.

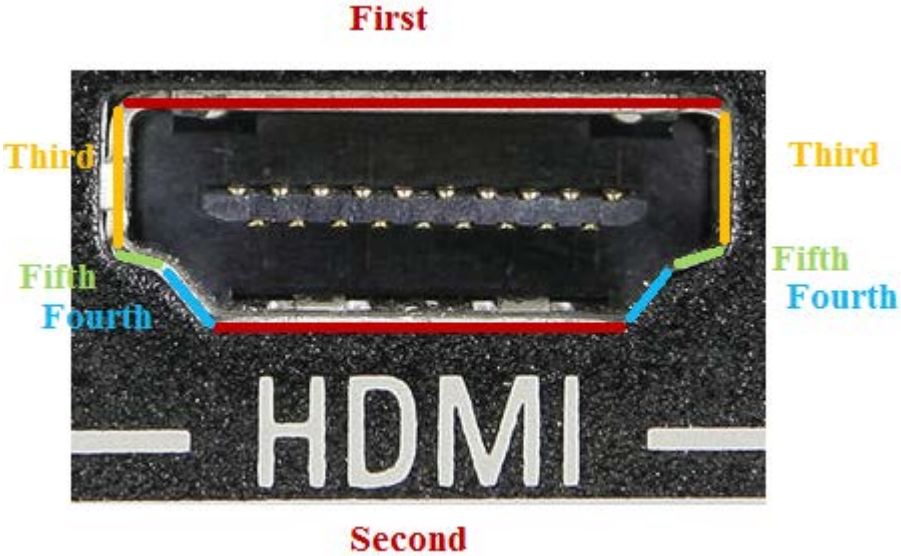
INPUTS	3 x HDMI 2.0 with HDCP 2.2 compatibility Optical Digital 3.5mm miniplug (analog) Bluetooth 2.0 with apt-X® audio decoding WIFI (for DTS Play-Fi™)
OUTPUTS	1 x HDMI 2.0 with HDCP 2.2 compatibility WIFI (for DTS Play-Fi™)



Note that the HDMI 2.0 connectors are compatible with HDCP 2.2. As such, they handle 4K UHD video stream, which they convey without processing (Passthrough) from the source to the display.

26. Defendants' Accused Systems are further designed with the third element of Claim 1. HDMI Type A plugs and receptacles, like those used by Defendants in their Accused Systems, are designed with a plurality of confining walls that are specifically designed and oriented. In order for a plug and receptacle to be used together, their confining walls must utilize the same shape, with the plug being sized smaller in order to fit within the receptacle.

27. In HDMI Type A connectors, like those designed into Defendants' Accused Systems, the first and second sides are found opposite of each other and the first side is longer than the second side. A pair of third sides are then connected to the opposite ends of the first side, each of the pair being shorter than either the first or second side. A pair of fourth sides are then connected to the opposite ends of the second side, but the width between the two fourth sides must be less than that between the two third sides. Finally, a pair of fifth sides are then connected between to connect the third and fourth side of their respective sides, the fifth sides must be angled away from each other while extending from the fourth sides to the third sides that they connect to. This is illustrated by the following diagram, which has been color coded to follow the claim language and has had each of the sides of the receptacle labeled in accordance with the claim language.



28. Defendants' Accused Systems are further designed with the fourth element of Claim 1. As shown in the figure above, in HDMI Type A connectors, like those designed into Defendants' Accused Systems, the first and second sides run substantially parallel to each other. Further, the third sides are substantially perpendicular to the first side.

29. Defendants' Accused Systems are further designed with the final element of Claim 1. As shown in the figure above, in HDMI Type A connectors, like those designed into Defendants' Accused Systems, the fourth sides extend obliquely from each end of the second side.

30. The '678 Patent has been cited by over 50 issued patents and published patent applications as relevant prior art.

31. By making, using, importing, selling, or offering for sale the Accused Systems, Defendants have infringed and continue to infringe the '678 Patent, including at least Claim 1.

32. On information and belief, each of the Defendants have also indirectly infringed and continue to indirectly infringe the '678 Patent by actively inducing direct infringement by other persons, such as their customers and end users, who operate systems that embody or otherwise practice one or more of the claims of the '678 Patent, when each of the Defendants had knowledge (or willful blindness thereto) of the '678 Patent and that the activities they were inducing would result in direct infringement by others and intended that their actions would induce direct infringement by others. Each of the Defendants intended and were aware that the normal and customary use of the Accused Systems would infringe the '678 Patent.

33. Each of the Defendants (including through their employees or agents) intended to induce other persons, such as their customers and end users, to directly infringe the '678 Patent by (1) advising or directing them to make, use, sell, or import the Accused Systems, (2) advertising and promoting the use of the Accused Systems, and (3) distributing instructions for using the Accused Systems, all in an infringing manner; including specifically, by way of example, product

videos published by Voxx Electronics on YouTube (see <https://www.youtube.com/watch?v=-lYRen4uuVs>) and published by Klipsch on YouTube (<https://www.youtube.com/watch?v=RJf5SQ2jviU>). On information and belief, each of the Defendants engaged in such inducement to promote the sales of the Accused Systems, e.g., through user manuals, product support, and marketing materials to actively induce the users of the accused products to infringe the '678 Patent.

34. On information and belief, each of the Defendants have and continue to contribute to the infringement of other persons, such as their customers and end users, to directly infringe at least claim 1 of the '678 Patent. Defendants contribute to infringement by offering to sell, selling, or importing into the United States materials and apparatus for use with in practicing at least claim 1 of the '678 Patent. Specifically, on information and belief, each of the Defendants know that their products with a HDMI receptacle, for example, and materials and apparatus designed for use with this receptacle, constitutes a material and component part of the invention of the '678 Patent, and is infringing, and that the HDMI receptacle is not a staple article or commodity of commerce suitable for substantial non-infringing use, and it has no use apart from infringing the '678 Patent, all to the benefit of Defendants and their customers.

35. On information and belief, each of the Defendants have had knowledge of the '678 Patent since at least the filing of the original action on April 27, 2017. Despite the knowledge gleaned from the complaint, Defendants have continued their infringing conduct. Interface's claim of indirect infringement is based on activities that post-date the filing of the original action on April 27, 2017, subject to amendment based on information uncovered during discovery.

36. On information and belief, Defendants will continue to infringe the '678 Patent unless enjoined by this Court.

37. As a direct and proximate result of Defendants' infringement of the '678 Patent, Interface has been and continues to be, damaged in an amount yet to be determined, but in no event less than a reasonable royalty for the use made of the invention by Defendants, together with interest and costs as fixed by the Court.

38. Unless a preliminary and permanent injunction are issued enjoining Defendants and their officers, agents, servants and employees, and all others acting on their behalf or in concert with Defendants, from infringing the '678 Patent, Interface will be greatly and irreparably harmed.

PRAYER FOR RELIEF

WHEREFORE, Interface prays for judgment against Defendants as follows:

(1) For a judicial decree that Defendants have infringed, and continue to infringe, the '678 Patent;

(2) For a judicial decree that Defendants, their respective subsidiaries, officers, agents, servants, employees, licensees, and all other persons or entities acting or attempting to act in active concert or participation with it or acting on their behalf, be preliminarily and permanently enjoined from further infringement of the '678 Patent;

(3) For a judicial decree that order Defendants to account for and pay to Interface all damages caused to Interface by reason of Defendants' infringement pursuant to 35 U.S.C. § 284;

(4) For a judicial decree finding that this is an exceptional case within the meaning of 35 U.S.C. § 285 and awarding to Plaintiff its reasonable attorneys' fees;

(5) For a judicial decree that Defendants pay an ongoing royalty in an amount to be determined for continued infringement after the date of judgment;

(6) For a judicial decree awarding to Interface pre-judgment and post-judgment interest on the damages caused to it by Defendants' infringement; and

(7) For any such other and further relief as the Court may deem just and proper under the circumstances.

Date: May 21, 2018

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DEMAND FOR JURY TRIAL

Plaintiff Interface hereby demands trial by jury in this action.

Date: May 21, 2018

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