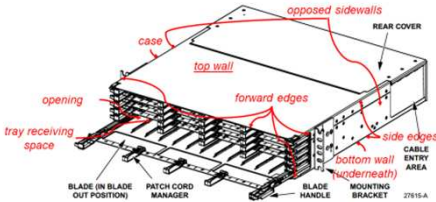
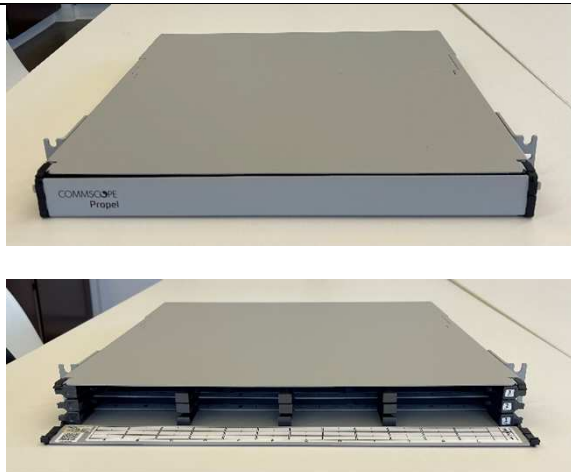
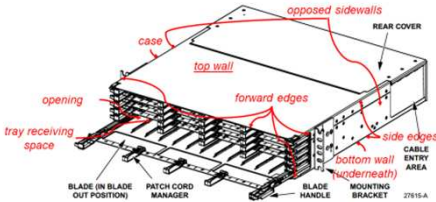
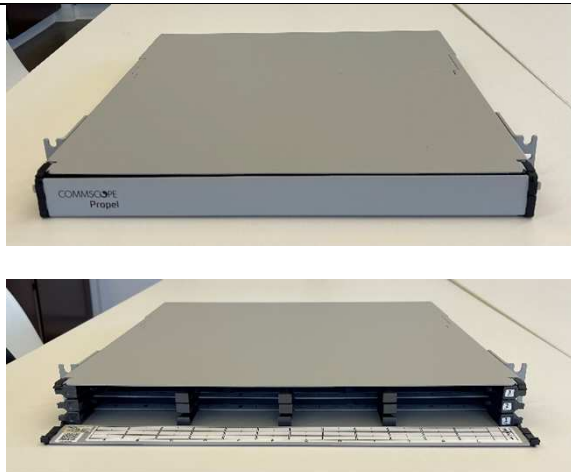
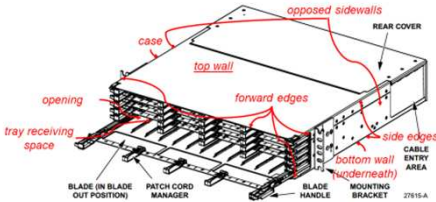
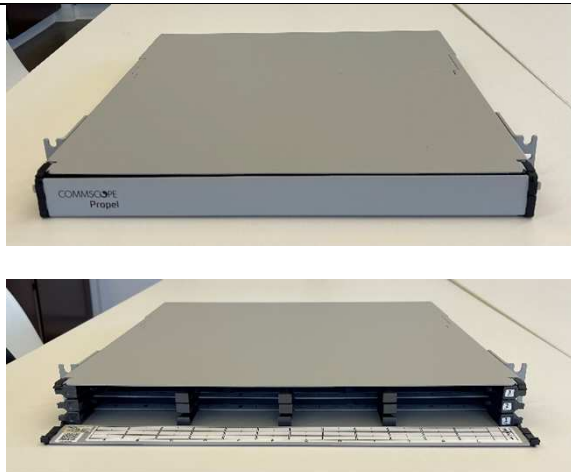


Exhibit D**Claim Chart Comparing Accused Products to U.S. Patent No. 10,795,107**

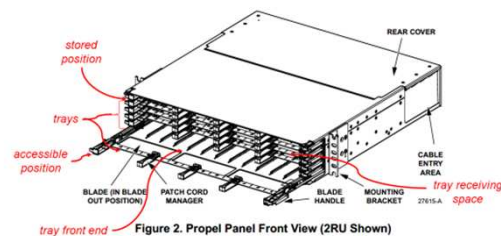
Claim 1	Propel System ¹				
1. A modular fiber optic cassette system, the system comprising:	The preamble is non-limiting. However, to the extent the Court concludes otherwise, the Propel system is a modular fiber optic cassette system. 1 INTRODUCTION The CommScope Propel Panel is a modular fiber connection platform that allows MPO modules, splice cassettes, and adapter packs of different sizes to be installed in any position in the panel where space is available. This user manual describes the Propel Panel and tells how to unpack the Ex. I, CommScope Propel Panel User Manual, TC-96307-IP (“Manual”) at 3.				
a case comprising a top and a bottom wall and two opposed side walls, each of said sidewalls attached between respective side edges of said top and bottom wall, said walls together defining a tray receiving space there between and a forward edge of each said wall together defining an opening to said tray receiving space;	The Propel system includes Propel panels, which are cases that have top, bottom, and two opposed side walls. Each of the side walls are attached between side edges of the top and bottom walls. The walls define a tray receiving space and the forward edges of the walls define an opening to the tray receiving space. <table border="1"> <thead> <tr> <th data-bbox="625 721 1268 753">Ex. I, Manual at Fig. 2 (annotated)</th><th data-bbox="1268 721 1894 753">PPL-1U</th></tr> </thead> <tbody> <tr> <td data-bbox="625 753 1268 1221">  Figure 2. Propel Panel Front View (2RU Shown) </td><td data-bbox="1268 753 1894 1221">  </td></tr> </tbody> </table>	Ex. I, Manual at Fig. 2 (annotated)	PPL-1U	 Figure 2. Propel Panel Front View (2RU Shown)	
Ex. I, Manual at Fig. 2 (annotated)	PPL-1U				
 Figure 2. Propel Panel Front View (2RU Shown)					

¹ Upon information and belief, the depicted PPL-1U, PPL-AP-24-LC-SM, and PPL-AP-12-LC-SM are representative of the Accused Products (as defined in the accompanying Complaint) in all material respects.

at least one tray slideably received within said tray receiving space for movement between a stored position wherein said tray is completely inside said tray receiving space and an accessible position wherein a front end of said tray is in front of said opening and outside of said tray receiving space;

The Propel system includes Propel panels, which have one or more trays slideably received within the tray receiving space for movement between a stored position where the tray is completely inside the tray receiving space and an accessible position where a front end of the tray is in front of the opening and outside of the tray receiving space.

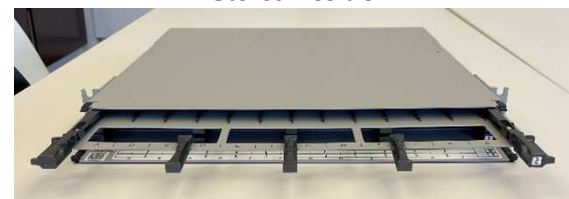
Ex. I, Manual at Fig. 2 (annotated)



PPL-1U



Stored Position

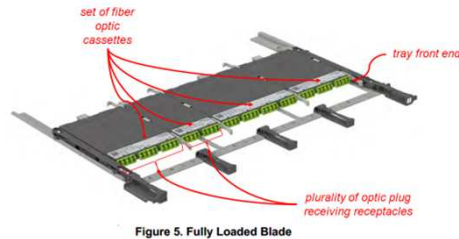


Accessible Position

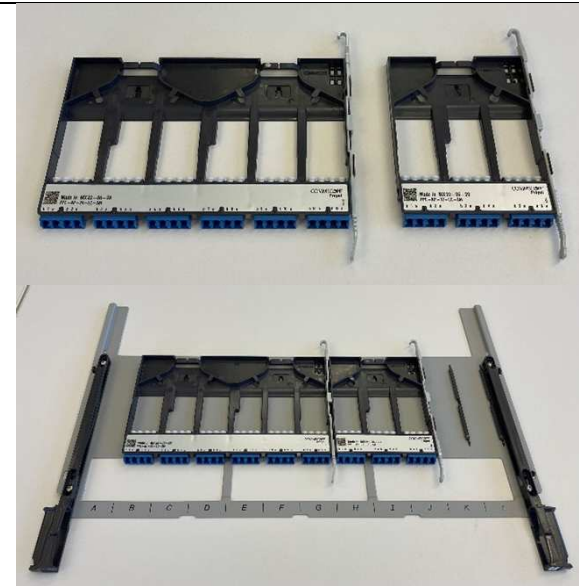
a set of fiber optic cassettes, a selected plurality of the cassettes arrangeable side by side along said tray front end wherein each of said cassettes comprises a plurality of optic plug receiving receptacles arranged side by side in a row along a front thereof,

The Propel system includes Propel fiber modules and/or adapters, which are fiber optic cassettes. A selected plurality of the fiber modules and/or adapters are arrangeable side by side along the tray front end of a Propel panel where each of the fiber modules and/or adapters has a plurality of optic plug receiving receptacles arranged side by side in a row along the front of the fiber module or adapter.

Ex. I, Manual at Fig. 5 (annotated)



**PPL-AP-24-LC-SM/PPL-1U/
PPL-AP-12-LC-SM**



a first of said set of cassettes comprising a first cassette width of one of one, two, three, four and six standard width units and a second of said cassettes comprising a second cassette width different from said first cassette width and one of one, two, three, four and six standard width units; and

The Propel system includes a first of set of Propel fiber modules and/or adapters, which includes a first fiber module or adapter with a width of one, two, three, four, or six standard width units and a second fiber module or adapter with a width different from the first fiber module or adapter and a width of one, two, three, four or six standard width units.

Ex. I, Manual at Fig. 5 (annotated)

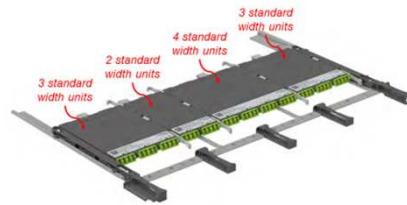
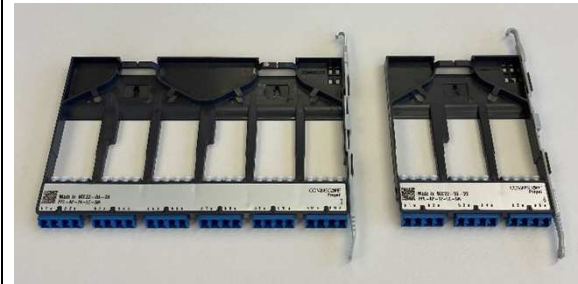


Figure 5. Fully Loaded Blade

PPL-AP-24-LC-SM/PPL-AP-12-LC-SM



a fastener for removeably securing each of said cassettes to said tray

The Propel system includes Propel fiber modules and/or adapters that include a fastener for removeably securing the fiber modules and adapters to a tray of a Propel panel.

Ex. I, Manual at Fig. 17

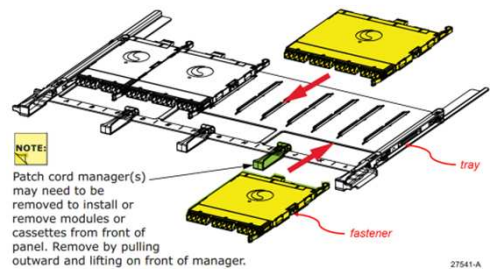
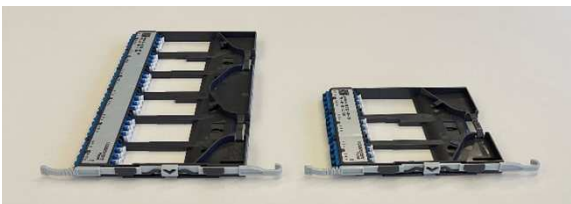


Figure 17. Connection Components Can be Installed from Front or Rear

**PPL-AP-24-LC-SM/PPL-1U/
PPL-AP-12-LC-SM**



Ex. I, Manual at 7

including MPO modules, adapter packs, and splice cassettes. Connection components are installed by positioning them in any available location on the blade and sliding them in until they **click** into position.

Ex. I, Manual at 20, Fig. 18

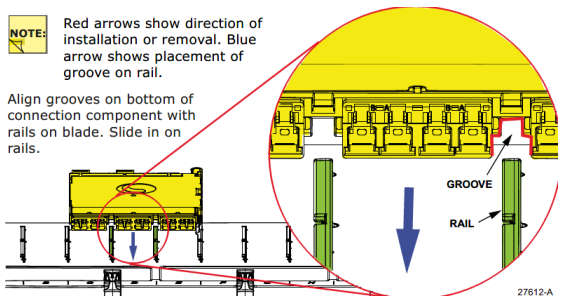
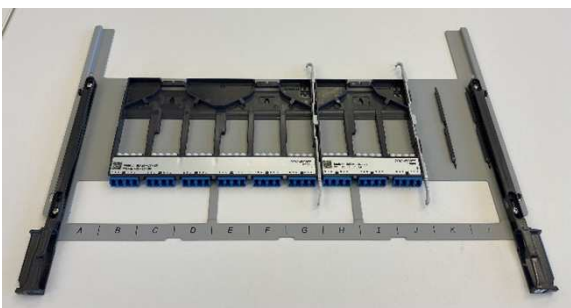
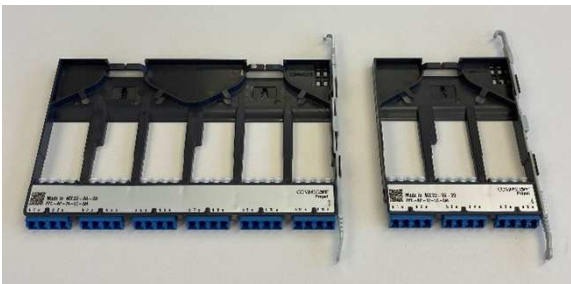


Figure 18. Positioning Connection Component on Rails

6. Slide in the connection component until it **clicks** into place.



wherein when arranged on said at least one tray each of said fiber optic cassettes touches at least one other fiber optic cassette.

The Propel system includes Propel fiber modules and/or adapters that, when arranged on a tray of a Propel panel, each of the fiber modules or adapters touches at least one other fiber module or adapter.

Ex. I, Manual at Fig. 5 (annotated)

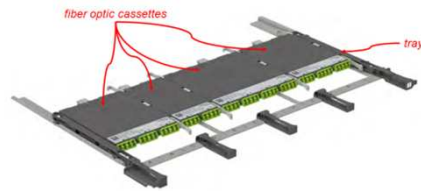


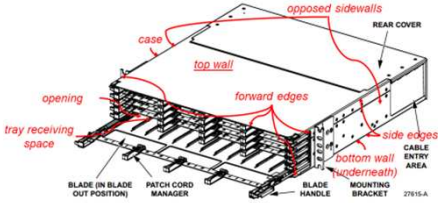
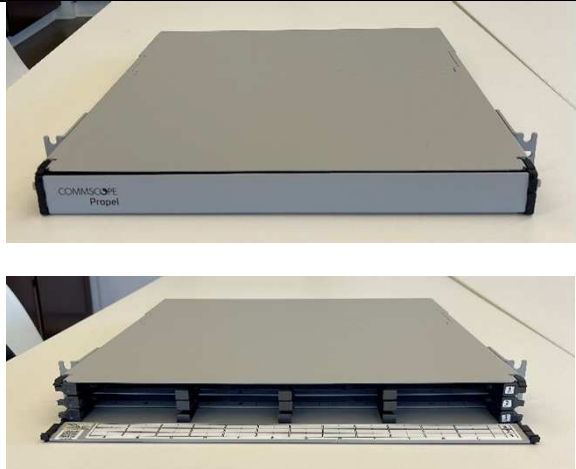
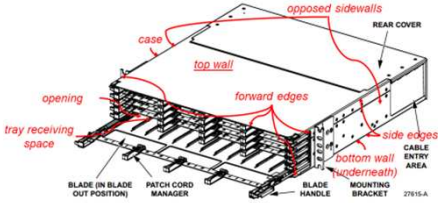
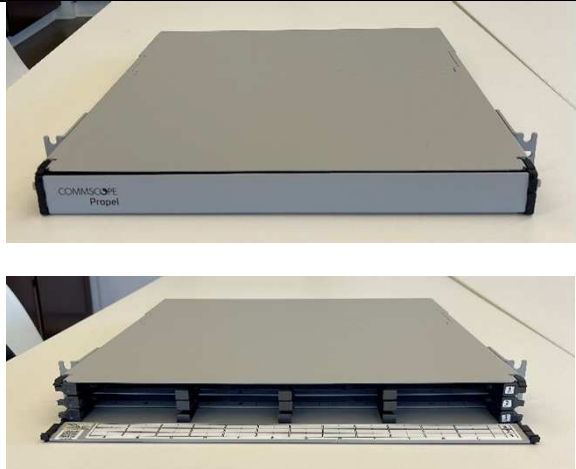
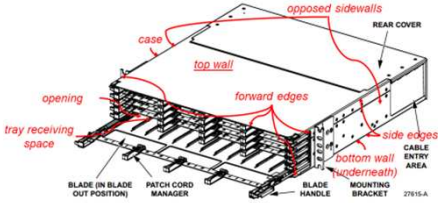
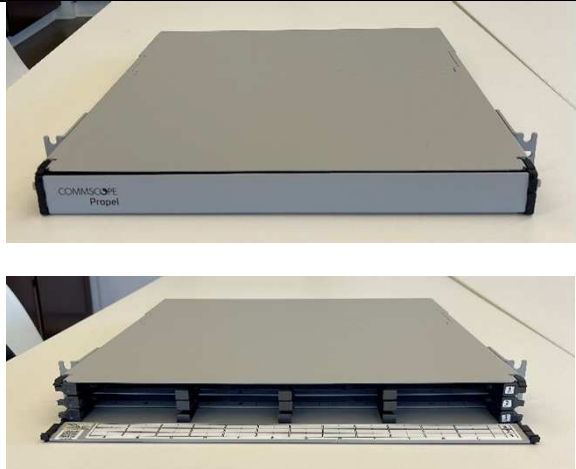
Figure 5. Fully Loaded Blade

**PPL-AP-24-LC-SM/PPL-1U/
PPL-AP-12-LC-SM**



EXHIBIT E

Exhibit E**Claim Chart Comparing Accused Products to U.S. Patent No. 11,435,542**

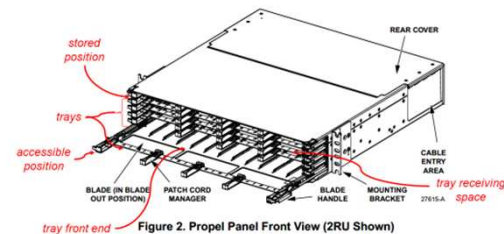
Claim 1	Propel System ¹				
1. A modular fiber optic cassette system, the system comprising:	The preamble is non-limiting. However, to the extent the Court concludes otherwise, the Propel system is a modular fiber optic cassette system. 1 INTRODUCTION The CommScope Propel Panel is a modular fiber connection platform that allows MPO modules, splice cassettes, and adapter packs of different sizes to be installed in any position in the panel where space is available. This user manual describes the Propel Panel and tells how to unpack the Ex. I, CommScope Propel Panel User Manual, TC-96307-IP (“Manual”) at 3.				
a case comprising a top and a bottom wall and two opposed side walls, each of said sidewalls attached between respective side edges of said top and bottom wall, said walls together defining a tray receiving space there between and a forward edge of each said wall together defining an opening to said tray receiving space;	The Propel system includes Propel panels, which are cases that have top, bottom, and two opposed side walls. Each of the side walls are attached between side edges of the top and bottom walls. The walls define a tray receiving space and the forward edges of the walls define an opening to the tray receiving space. <table border="1"> <thead> <tr> <th data-bbox="630 751 1268 787">Ex. I, Manual at Fig. 2 (annotated)</th><th data-bbox="1268 751 1896 787">PPL-1U</th></tr> </thead> <tbody> <tr> <td data-bbox="630 787 1268 1252">  Figure 2. Propel Panel Front View (2RU Shown) </td><td data-bbox="1268 787 1896 1252">  </td></tr> </tbody> </table>	Ex. I, Manual at Fig. 2 (annotated)	PPL-1U	 Figure 2. Propel Panel Front View (2RU Shown)	
Ex. I, Manual at Fig. 2 (annotated)	PPL-1U				
 Figure 2. Propel Panel Front View (2RU Shown)					

¹ Upon information and belief, the depicted PPL-1U, PPL-AP-24-LC-SM, and PPL-AP-12-LC-SM are representative of the Accused Products (as defined in the accompanying Complaint) in all material respects.

at least one tray slideably received within said tray receiving space for movement between a stored position wherein said tray is completely inside said tray receiving space and an accessible position wherein a front end of said tray is in front of said opening and outside of said tray receiving space;

The Propel system includes Propel panels, which have one or more trays slideably received within the tray receiving space for movement between a stored position where the tray is completely inside the tray receiving space and an accessible position where a front end of the tray is in front of the opening and outside of the tray receiving space.

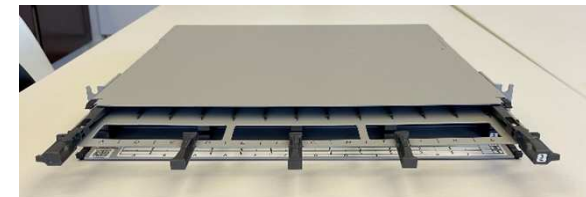
Ex. I, Manual at Fig. 2 (annotated)



PPL-1U



Stored Position

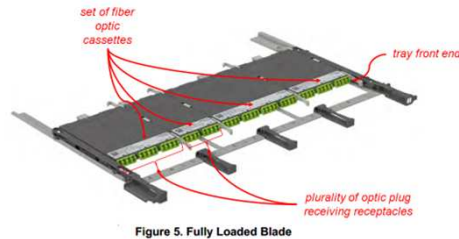


Accessible Position

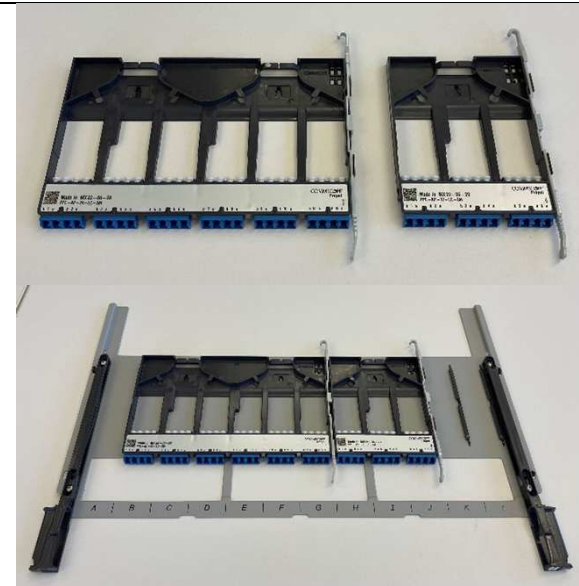
a set of fiber optic cassettes, a selected plurality of the cassettes arrangeable side by side along said tray front end wherein each of said cassettes comprises a plurality of optic plug receiving receptacles arranged side by side in a row along a front thereof,

The Propel system includes Propel fiber modules and/or adapters, which are fiber optic cassettes. A selected plurality of the fiber modules and/or adapters are arrangeable side by side along the tray front end of a Propel panel where each of the fiber modules and/or adapters has a plurality of optic plug receiving receptacles arranged side by side in a row along the front of the fiber module or adapter.

Ex. I, Manual at Fig. 5 (annotated)



**PPL-AP-24-LC-SM/PPL-1U/
PPL-AP-12-LC-SM**



a first of said set of cassettes comprising a first cassette width as measured between outer side edges thereof of one of one, two, three, four and six standard width units and a second of said cassettes comprising a second cassette width as measured between outer side edges thereof different from said first cassette width and one of one, two, three, four and six standard width units; and

The Propel system includes a first of set of Propel fiber modules and/or adapters, which includes a first fiber module or adapter with a width as measured between its outer side edges of one, two, three, four, or six standard width units and a second fiber module or adapter with a width as measured between its outer side edges of one, two, three, four or six standard width units.

Ex. I, Manual at Fig. 5 (annotated)

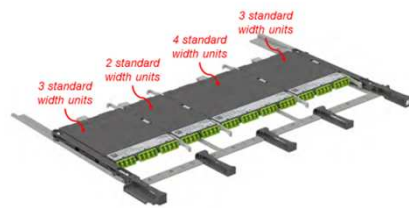


Figure 5. Fully Loaded Blade

PPL-AP-24-LC-SM/PPL-AP-12-LC-SM



a fastener for removeably securing each of said cassettes to said tray;

The Propel system includes Propel fiber modules and/or adapters that include a fastener for removeably securing the fiber modules and adapters to a tray of a Propel panel.

Ex. I, Manual at Fig. 17

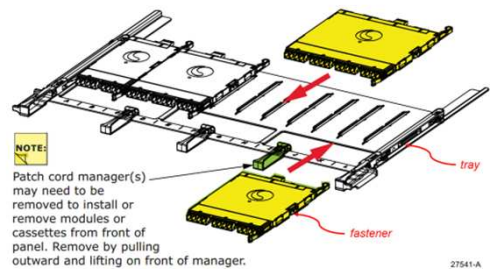
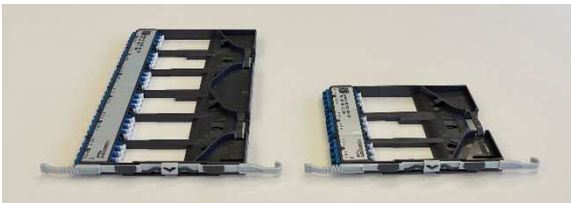


Figure 17. Connection Components Can be Installed from Front or Rear

PPL-AP-24-LC-SM/PPL-1U/
PPL-AP-12-LC-SM



Ex. I, Manual at 7

including MPO modules, adapter packs, and splice cassettes. Connection components are installed by positioning them in any available location on the blade and sliding them in until they click into position.

Ex. I, Manual at 20, Fig. 18

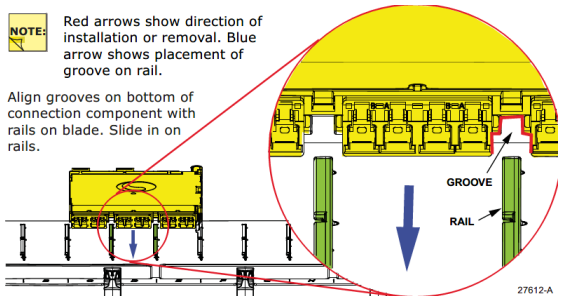
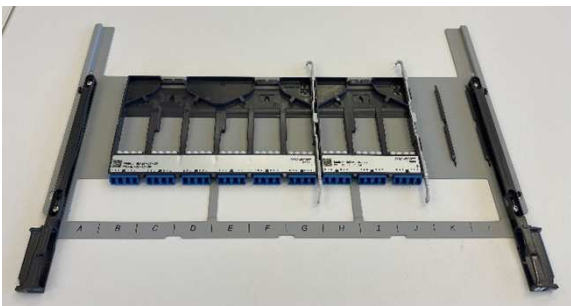
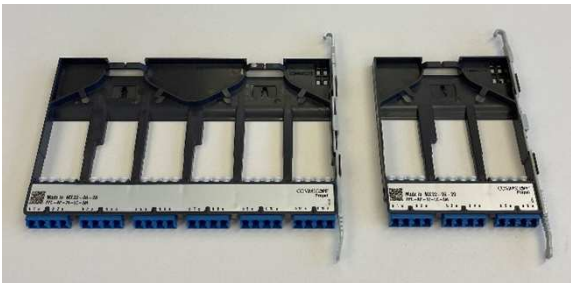


Figure 18. Positioning Connection Component on Rails

6. Slide in the connection component until it clicks into place.



wherein when arranged on the tray an outer side edge of each of said selected cassettes is directly adjacent an outer side edge of at least one other selected cassette.

The Propel system includes Propel fiber modules and/or adapters that, when arranged on a tray of a Propel panel, an outer side edge of each of the fiber modules or adapters is directly adjacent to an outer side edge of at least one other fiber module or adapter.

Ex. I, Manual at Fig. 5 (annotated)

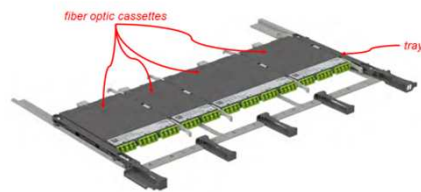


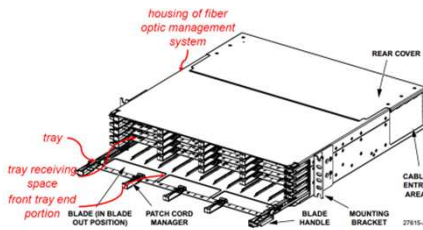
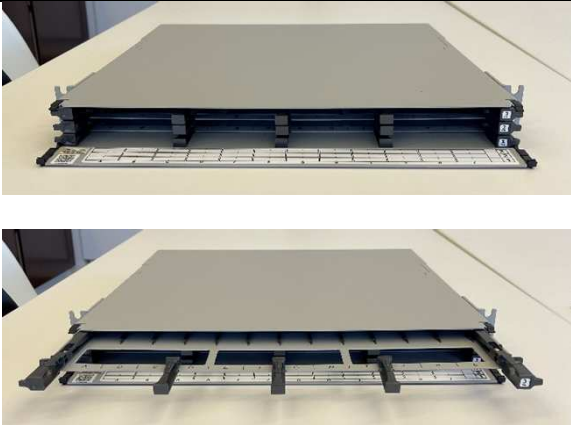
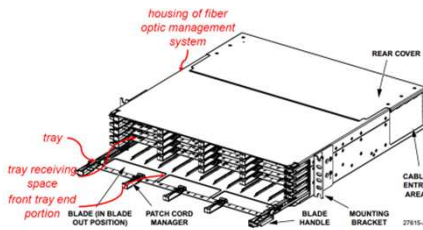
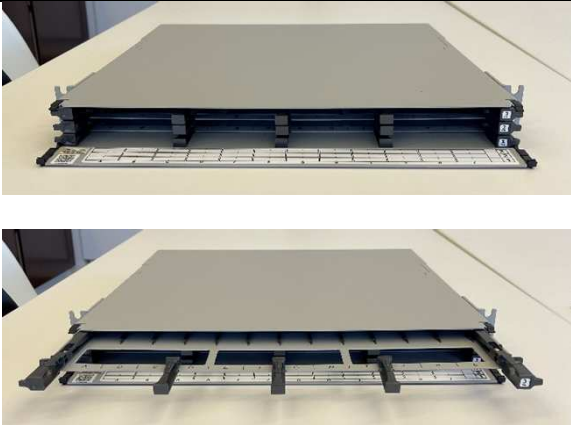
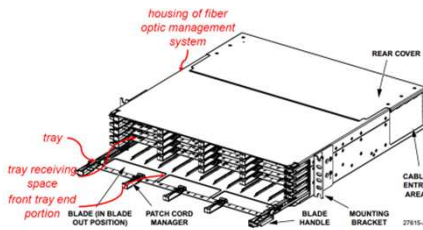
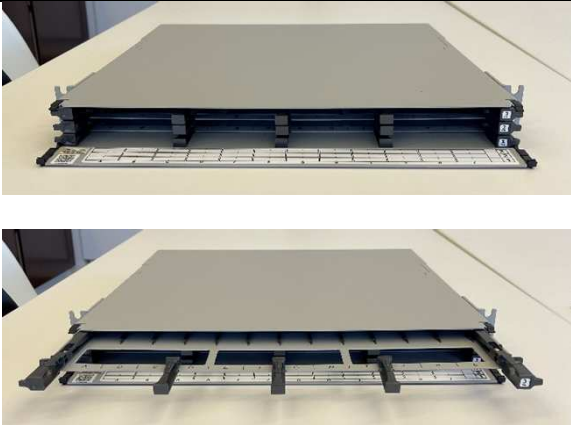
Figure 5. Fully Loaded Blade

**PPL-AP-24-LC-SM/PPL-1U/
PPL-AP-12-LC-SM**



EXHIBIT F

Exhibit F**Claim Chart Comparing Accused Products to U.S. Patent No. 11,656,422**

Claim 1	Propel System ¹				
1. A fiber optic cassette tray for providing a plurality of different modular fiber optic cassette configurations in a fiber optic management system comprising:	The preamble is non-limiting. However, to the extent the Court concludes otherwise, the Propel system comprises a fiber optic cassette tray for providing a plurality of different modular fiber optic cassette configurations in a fiber optic management system. 1 INTRODUCTION The CommScope Propel Panel is a modular fiber connection platform that allows MPO modules, splice cassettes, and adapter packs of different sizes to be installed in any position in the panel where space is available. This user manual describes the Propel Panel and tells how to unpack the Ex. I, CommScope Propel Panel User Manual, TC-96307-IP (“Manual”) at 3.				
a tray having a front tray end portion and configured to be slidingly received in at least a portion of the tray receiving space of a housing of a fiber optic management system;	The Propel system includes Propel panels, which have a tray with a front tray end portion and is configured to be slidingly received in at least a portion of the tray receiving space of the Propel panel. <table border="1"> <thead> <tr> <th data-bbox="630 747 1270 787">Ex. I, Manual at Fig. 2 (annotated)</th><th data-bbox="1270 747 1900 787">PPL-1U</th></tr> </thead> <tbody> <tr> <td data-bbox="630 787 1270 1209">  Figure 2. Propel Panel Front View (2RU Shown) </td><td data-bbox="1270 787 1900 1209">  </td></tr> </tbody> </table>	Ex. I, Manual at Fig. 2 (annotated)	PPL-1U	 Figure 2. Propel Panel Front View (2RU Shown)	
Ex. I, Manual at Fig. 2 (annotated)	PPL-1U				
 Figure 2. Propel Panel Front View (2RU Shown)					

¹ Upon information and belief, the depicted PPL-1U, PPL-AP-24-LC-SM, and PPL-AP-12-LC-SM are representative of the Accused Products (as defined in the accompanying Complaint) in all material respects.

wherein the tray is configured to support a plurality of different modular fiber optic cassette configurations when the tray is slidingly received in at least the portion of the tray receiving space;

A tray of the Propel panel is configured to support a plurality of different configurations of Propel fiber modules and/or adapters when the tray is slidingly received in at least the portion of the tray receiving space of the Propel panel.

Ex. I, Manual at Fig. 2 (annotated)

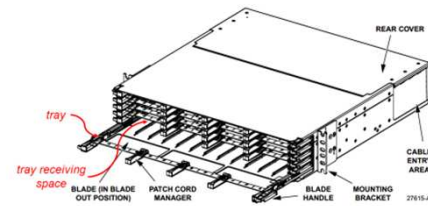


Figure 2. Propel Panel Front View (2RU Shown)

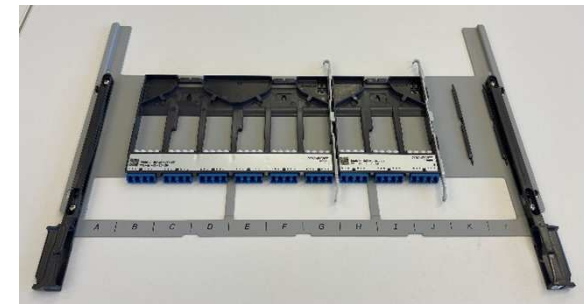
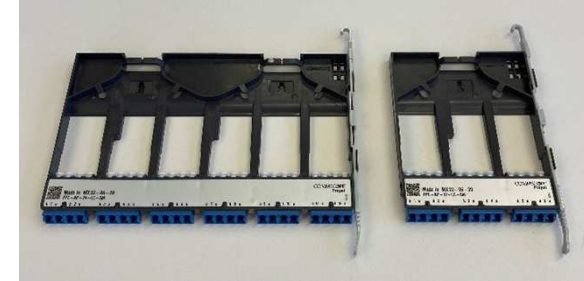
Ex. I, Manual at Fig. 6

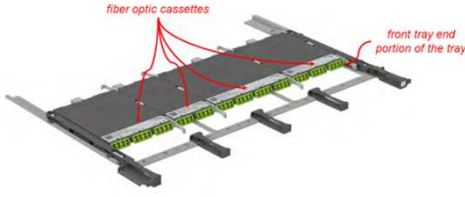
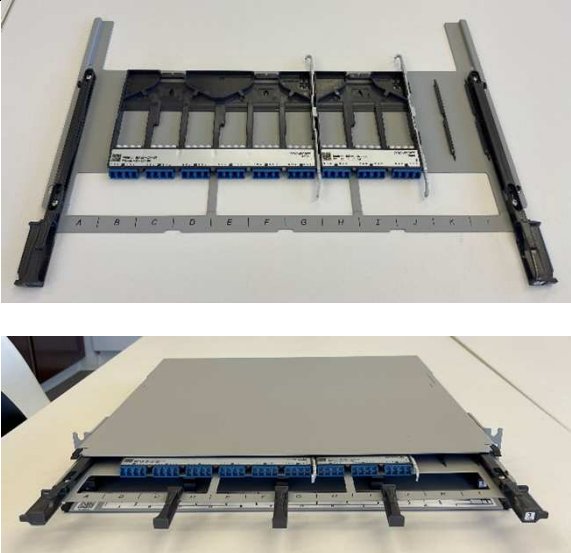


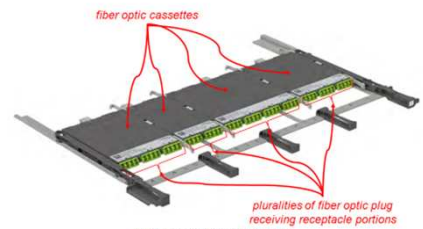
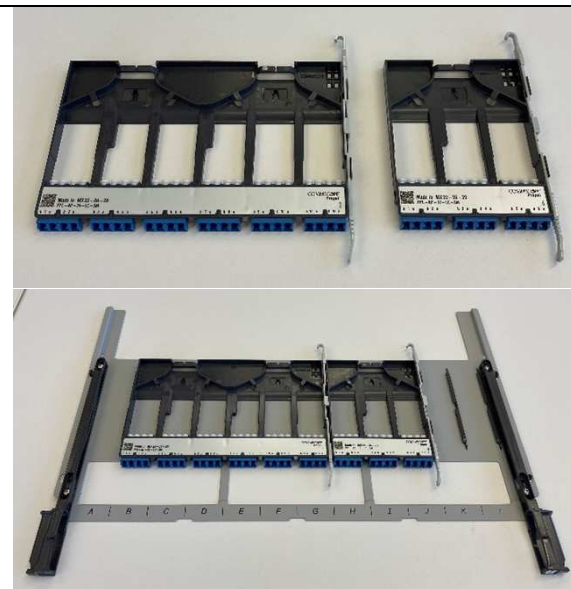
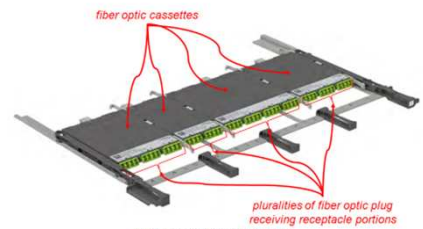
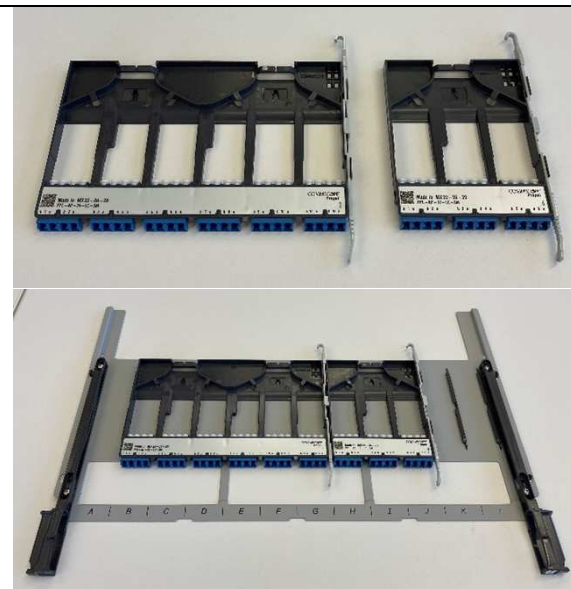
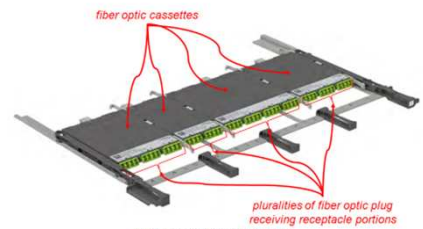
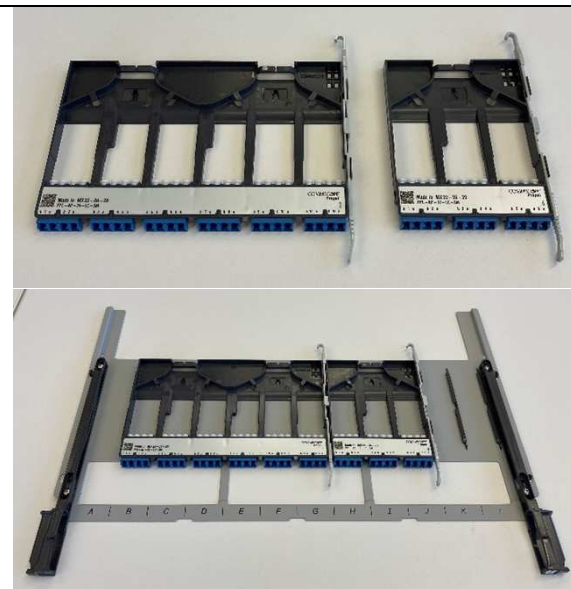
Figure 6. Connection Components Can Be Installed from Front or Rear

Ex. I, Manual at 6 (annotated)

**PPL-AP-24-LC-SM/PPL-1U/
PPL-AP-12-LC-SM**



	5.5 Installing Connection Components Connection components include MPO modules, adapter packs, and splice cassettes. Precise positioning on the blade is enforced by rails that the connection components slide onto when installed. The rails direct the components into 12 equal-sized lanes, labeled A to L. Connection components are available in 4 sizes occupying 2, 3, 4, or 6 lanes. Use the following procedure, referring to Figure 17. 1. Open the front cover of the panel. 2. Determine where the connection component will be installed. It can be installed where there is enough space for it.	
wherein the plurality of different modular fiber optic cassette configurations include a selected plurality of fiber optic cassettes that are each configured to be arranged side by side along the front tray end portion of the tray such that an outer side edge of each of the selected plurality of fiber optic cassettes is directly adjacent to an outer edge of at least one other fiber optic cassette;	The plurality of Propel fiber modules and/or adapters are configured to be arranged side by side along the front tray end portion of the tray of the Propel panel such that an outer side edge of each of the fiber modules and/or adapters is directly adjacent to an outer edge of at least one other fiber module or adapter. Ex. I, Manual at Fig. 5 (annotated)  Figure 5. Fully Loaded Blade	PPL-AP-24-LC-SM/PPL-1U/ PPL-AP-12-LC-SM 

wherein each of the selected plurality of fiber optic cassettes include a plurality of fiber optic plug receiving receptacle portions;	The plurality of Propel fiber modules and/or adapters include a plurality of fiber optic plug receiving receptacles portions. <table border="1"> <thead> <tr> <th data-bbox="630 256 1281 324">Ex. I, Manual at Fig. 5 (annotated)</th><th data-bbox="1281 256 1894 324">PPL-AP-24-LC-SM/PPL-1U/ PPL-AP-12-LC-SM</th></tr> </thead> <tbody> <tr> <td data-bbox="630 324 1281 909">  Figure 5. Fully Loaded Blade </td><td data-bbox="1281 324 1894 909">  </td></tr> </tbody> </table>	Ex. I, Manual at Fig. 5 (annotated)	PPL-AP-24-LC-SM/PPL-1U/ PPL-AP-12-LC-SM	 Figure 5. Fully Loaded Blade	
Ex. I, Manual at Fig. 5 (annotated)	PPL-AP-24-LC-SM/PPL-1U/ PPL-AP-12-LC-SM				
 Figure 5. Fully Loaded Blade					

wherein the tray is configured to be removably secured to each of the selected plurality of fiber optic cassettes when each of the plurality of fiber optic plug receiving receptacle portions are arranged side by side in a row along the front tray end portion;

A tray of the Propel panel is configured to be removably secured to each of the selected plurality of Propel fiber modules and/or adapters when each of the plurality of fiber optic plug receiving receptacle portions of the fiber modules and/or adapters are arranged side by side in a row along the front tray end portion.

Ex. I, Manual at Fig. 17 (annotated)

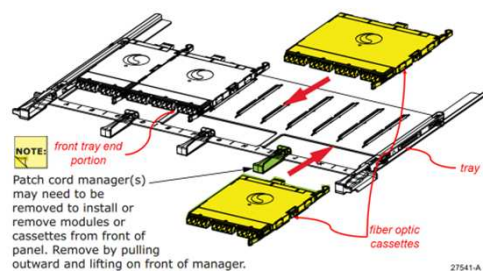


Figure 17. Connection Components Can be Installed from Front or Rear

Ex. I, Manual at 7

including MPO modules, adapter packs, and splice cassettes. Connection components are installed by positioning them in any available location on the blade and sliding them in until they click into position.

Ex. I, Manual at 20, Fig. 18

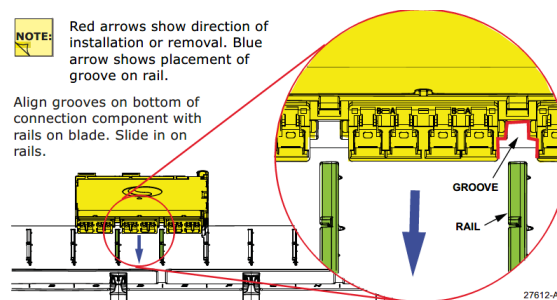
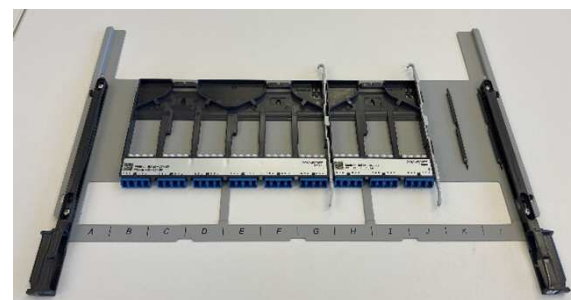
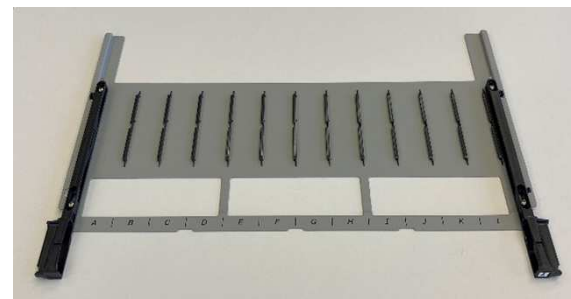
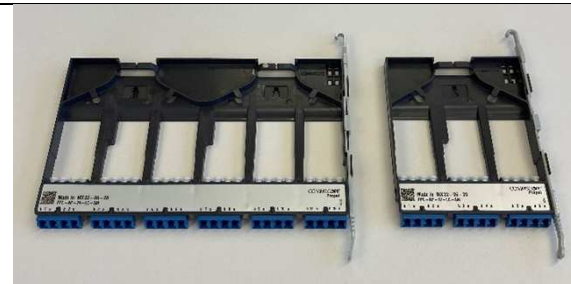


Figure 18. Positioning Connection Component on Rails

6. Slide in the connection component until it clicks into place.

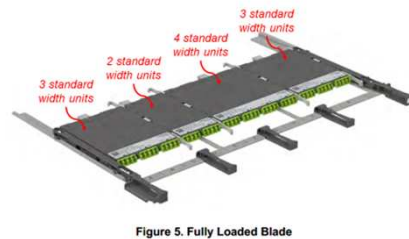
**PPL-AP-24-LC-SM/PPL-1U/
PPL-AP-12-LC-SM**



wherein a first of the selected plurality of fiber optic cassettes comprises a first cassette width, as measured between outer side edges thereof, of two, three, four, or six standard width units; wherein a second of the selected plurality of fiber optic cassettes comprises a second cassette width, as measured between outer side edges thereof, of two, three, four, or six standard width units; and wherein the second cassette width is different from the first cassette width.

The first selected plurality of Propel fiber modules and/or adapters includes a first fiber module or adapter with a width, as measured between its outer side edges, of two, three, four, or six standard width units, and a second fiber module or adapter with a width, as measured between its outer side edges, of two, three, four, or six standard width units, and the width of the second fiber module or adapter is different than the width of the first fiber module or adapter.

Ex. I, Manual at Fig. 5 (annotated)



PPL-AP-24-LC-SM/PPL-AP-12-LC-SM

