

Claims Listing Appendix

U.S. Patent No. 10,996,417
Challenged Claims 1-7, 9-12, and 21-38

Designation	Claim Elements
Independent Claim 1 Element 1[preamble]	A fiber optic enclosure comprising:
Independent Claim 1 Element 1[A]	a wall mountable enclosure arrangement including a base, sidewalls that project forwardly from the base, and a cover, front portions of the sidewalls defining a front access opening, the cover being pivotal relative to the base about a pivot axis between an open position providing access to the front access opening and a closed position covering the front access opening, the cover contacting the front portions of the sidewalls when disposed in the closed position;
Independent Claim 1 Element 1[B]	the enclosure arrangement defining a first cable opening for routing a first cable into the enclosure arrangement;
Independent Claim 1 Element 1[C]	at least one of the side walls defining a second cable opening;
Independent Claim 1 Element 1[D]	a spool mountable to the enclosure arrangement and positionable within the enclosure arrangement, the spool defining a spooling portion;
Independent Claim 1 Element 1[E]	a second fiber optic cable spooled about the spooling portion of the spool, the second fiber optic cable including at least one optical fiber;
Independent Claim 1 Element 1[F]	a fiber optic connector coupled to the at least one optical fiber of the second fiber optic cable;
Independent Claim 1 Element 1[G]	a fiber optic adapter spaced inwardly from the sidewalls, the fiber optic adapter including a first connector port for receiving the fiber optic connector and also including an opposite second connector port;

Designation	Claim Elements
Independent Claim 1 Element 1[H1]	the second fiber optic cable being payable from the spool through the second cable opening while the spool is mounted to the enclosure arrangement, wherein the spool rotates relative to the enclosure arrangement about an axis of rotation as the second fiber optic cable is paid out from the spool, and
Independent Claim 1 Element 1[H2]	wherein the fiber optic connector rotates in concert with the spool as the second fiber optic cable is paid out from the spool;
Independent Claim 1 Element 1[I]	and wherein access for plugging a connectorized end of the first cable into the second connector port of the fiber optic adapter while the fiber optic adapter is spaced inwardly from the sidewalls is: a) available from the front of the enclosure arrangement when the cover is in the open position; and b) not available from the front of the enclosure arrangement when the cover is in the closed position.
Dependent Claim 2	The fiber optic enclosure of claim 1, further comprising a hinge for allowing the cover to pivot between the open and closed positions.
Dependent Claim 3	The fiber optic enclosure of claim 1, wherein the fiber optic connector is supported on the spool when the fiber optic cable is paid out from the spool.
Dependent Claim 4	The fiber optic enclosure of claim 1, wherein the fiber optic adapter is coupled to the fiber optic connector, and wherein the fiber optic adapter rotates in concert with the spool as the fiber optic cable is paid out from the spool.
Dependent Claim 5	The fiber optic enclosure of claim 1, wherein the fiber optic cable includes a plurality of optical fibers, wherein a plurality of fiber optic connectors terminate the plurality of optical fibers at the first end of the fiber optic cable, wherein the fiber optic connectors rotate in concert with the spool as the fiber optic cable is paid out from the spool, wherein the telecommunications enclosure further includes a plurality of fiber optic adapters, wherein the plurality of fiber optic connectors are secured within the plurality of fiber optic adapters when the fiber optic cable is paid out from the spool.

Designation	Claim Elements
Dependent Claim 6	The fiber optic enclosure of claim 1, wherein a cable seal is provided at the first cable opening.
Dependent Claim 7	The fiber optic enclosure of claim 1, further comprising a cable manager for storing slack cable within the enclosure arrangement at a location separate from the spooling portion of the spool.
Dependent Claim 9	The fiber optic enclosure of claim 7, wherein the cable manager includes a curved guide surface.
Dependent Claim 10	The fiber optic enclosure of claim 9, wherein the cable manager is configured for storing the slack cable in a loop.
Dependent Claim 11	The fiber optic enclosure of claim 9, wherein the cable manager includes a slack storage spool which defines the curved guide surface.
Dependent Claim 12	The fiber optic enclosure of claim 1, further comprising means for storing slack cable in a coil within the enclosure arrangement.
Dependent Claim 21	The fiber optic enclosure of claim 9, wherein a finger extends laterally from the curved guide surface to assist in retention of the slack cable.
Independent Claim 22 - [Preamble]	A fiber optic enclosure comprising:

Designation	Claim Elements
Independent Claim 22 Element 22[A]	a wall mountable enclosure arrangement including a base, sidewalls that project forwardly from the base, and a cover, front portions of the sidewalls defining a front access opening, the enclosure arrangement defining a cable opening, the cover being pivotal relative to the base about a pivot axis between a closed position covering the front access opening and an open position providing access to the front access opening, the cover contacting the front portions of the sidewalls when disposed in the closed position;
Independent Claim 22 Element 22[B]	a cable spool mounted to the enclosure arrangement so that the cable spool is rotatable relative to the enclosure arrangement about a rotation axis that is transverse to the pivot axis, the cable spool including a spooling portion;
Independent Claim 22 Element 22[C]	a fiber optic cable spooled about the spooling portion of the cable spool, the fiber optic cable including at least one optical fiber;
Independent Claim 22 Element 22[D]	a fiber optic connector terminating the at least one optical fiber of the fiber optic cable, the fiber optic connector rotating in unison with the cable spool when the cable spool rotates about the rotation axis;
Independent Claim 22 Element 22[E]	and a fiber optic adapter mounted to the enclosure arrangement, the fiber optic adapter including a first connector port for receiving the fiber optic connector and also including an opposite second connector port;
Independent Claim 22 Element 22[F]	the cover extending across the fiber optic adapter when disposed in the closed position.
Dependent Claim 23	The fiber optic enclosure of claim 22, wherein the cable spool is disposed between the base and the cover when the cover is in the closed position.
Dependent Claim 24	The fiber optic enclosure of claim 22, wherein the sidewalls are devoid of openings suitable for mounting the fiber optic adapter.
Dependent Claim 25	The fiber optic enclosure of claim 22, wherein a cable seal is disposed at the cable opening for enabling a cable to be routed into the enclosure arrangement.

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Dependent Claim 26	The fiber optic enclosure of claim 22, wherein the cable spool carries a cable management structure so that the cable management structure rotates in unison with the cable spool when the cable spool rotates relative to the enclosure arrangement.
Dependent Claim 27	The fiber optic enclosure of claim 26, wherein the cable management structure is configured for storing slack length of the fiber optic cable in a coil.
Dependent Claim 28	The fiber optic enclosure of claim 26, wherein the cable management structure includes a curved guide wall.
Dependent Claim 29	The fiber optic enclosure of claim 22, wherein a hinge is coupled to one of the sidewalls and to the cover to define the pivot axis.
Dependent Claim 30	The fiber optic enclosure of claim 29, wherein the hinge is located at a first side of the enclosure arrangement, wherein the cable opening is defined at a second side of the enclosure arrangement, and wherein a corner is defined between the first side of the enclosure arrangement and the second side of the enclosure arrangement.
Dependent Claim 31	The fiber optic enclosure of claim 22, wherein the base defines a plurality of rear fastener openings for use in securing the enclosure arrangement at an installation surface.
Dependent Claim 32	The fiber optic enclosure of claim 22, wherein the base and the sidewalls at least partially surround the cable spool.
Dependent Claim 33	The fiber optic enclosure of claim 22, wherein the cable spool is mounted to the base so that the rotation axis extends through the access opening and intersects the cover when the cover is disposed in the closed position.
Dependent Claim 34	The fiber optic enclosure of claim 1, further comprising a cable routing path for routing the first cable to the second connector port of the fiber optic adapter, the cable routing path extending within the enclosure arrangement from the first cable opening to the second connector port of the fiber optic adapter.

Designation	Claim Elements
Dependent Claim 35	The fiber optic enclosure of claim 34, wherein the fiber optic adapter is located adjacent an axial end of the spool when the cover is in the closed position and the connectorized end is plugged into the second connector port.
Dependent Claim 36	The fiber optic enclosure of claim 1, wherein the second cable opening is separate from the front access opening.
Dependent Claim 37	The fiber optic enclosure of claim 1, wherein the first and second cable openings are separate from one another, and wherein the first cable opening is defined at least in part by one of the side walls.
Dependent Claim 38	The fiber optic enclosure of claim 22, further comprising a cable routing path for routing the first cable to the second connector port of the fiber optic adapter, the cable routing path extending within the enclosure arrangement from the first cable opening to the second connector port of the fiber optic adapter.