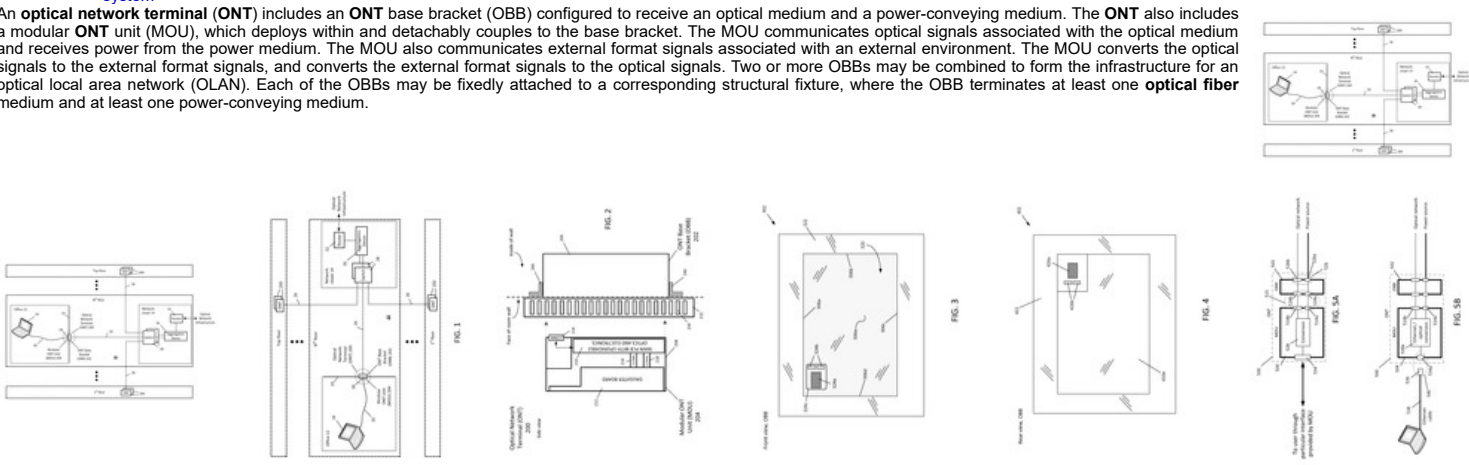
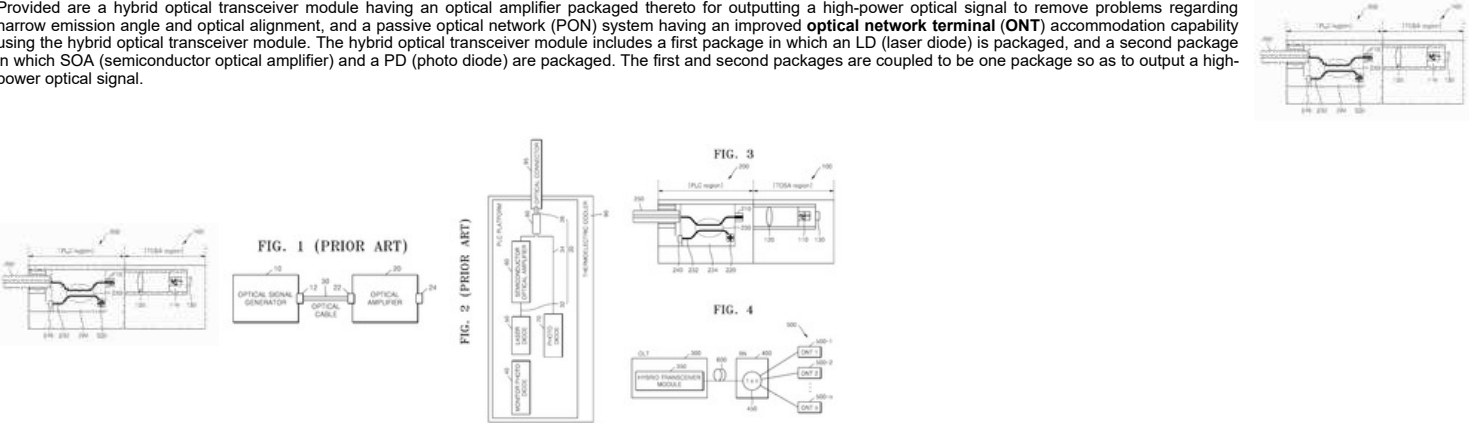
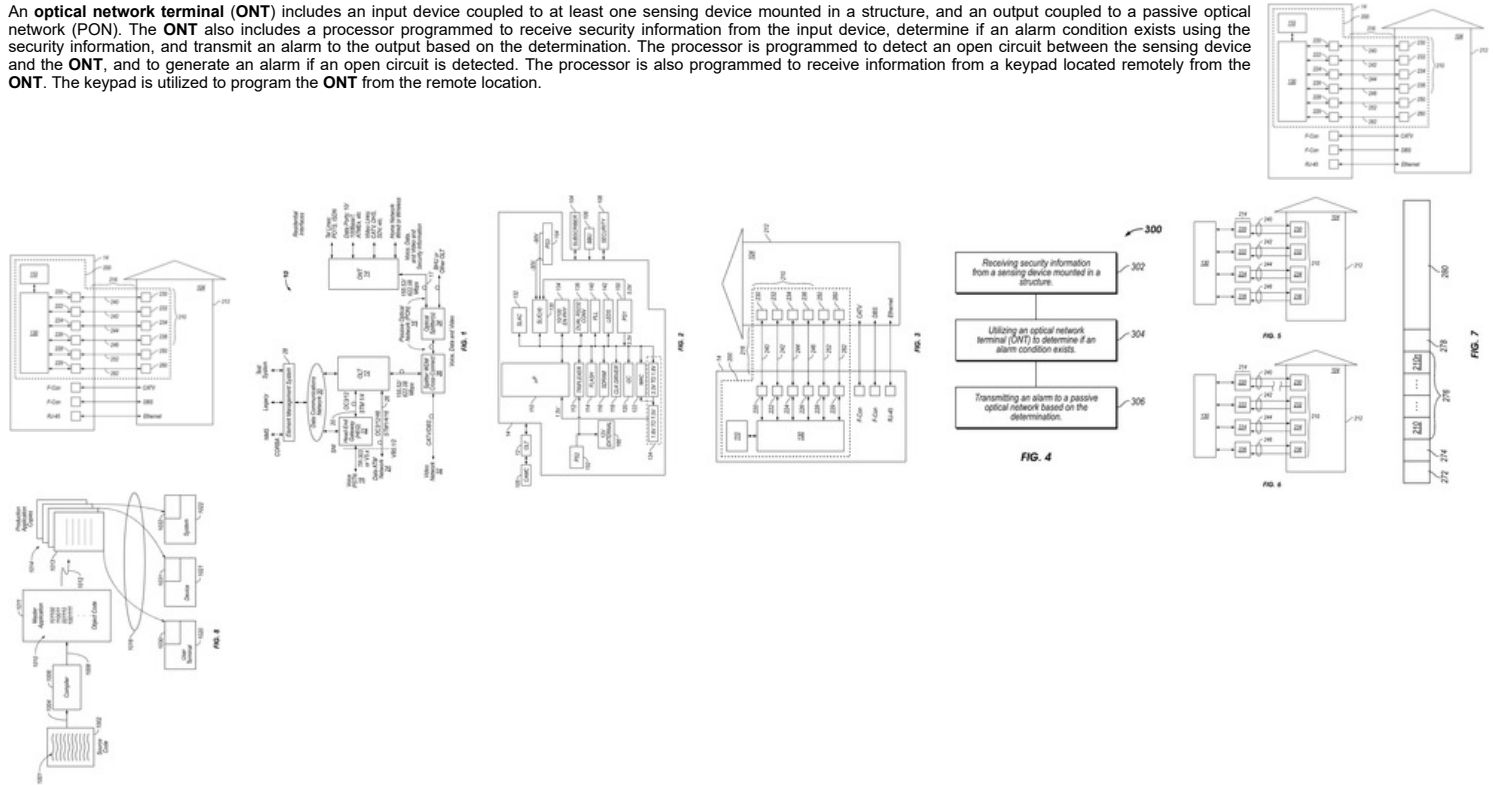


4 results for (ont and heat and optical fiber and optical network terminal)/TI/AB/IW/CLMS - Collection: FAMPAT

#	 Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date
1.	 Modular passive optical network recessed wall mounted optical network terminal system	US2016028486	2014-07-25	TELLABS BEDFORD* TELLABS ENTERPRISE*	2016-01-28	2016-01-28
An optical network terminal (ONT) includes an ONT base bracket (OBB) configured to receive an optical medium and a power-conveying medium. The ONT also includes a modular ONT unit (MOU), which deploys within and detachably couples to the base bracket. The MOU communicates optical signals associated with the optical medium and receives power from the power medium. The MOU also communicates external format signals associated with an external environment. The MOU converts the optical signals to the external format signals, and converts the external format signals to the optical signals. Two or more OBBs may be combined to form the infrastructure for an optical local area network (OLAN). Each of the OBBs may be fixedly attached to a corresponding structural fixture, where the OBB terminates at least one optical fiber medium and at least one power-conveying medium. 						
2.	 Hybrid optical transceiver module and passive optical network including the same	US2008063402	2006-09-12	ELECTRONICS & TELECOMMUNICATIONS RESEARCH INSTITUTE* KOREA ELECTRONICS TELECOMM	2008-03-13	2008-03-13
Provided are a hybrid optical transceiver module having an optical amplifier packaged thereto for outputting a high-power optical signal to remove problems regarding narrow emission angle and optical alignment, and a passive optical network (PON) system having an improved optical network terminal (ONT) accommodation capability using the hybrid optical transceiver module. The hybrid optical transceiver module includes a first package in which an LD (laser diode) is packaged, and a second package in which SOA (semiconductor optical amplifier) and a PD (photo diode) are packaged. The first and second packages are coupled to be one package so as to output a high-power optical signal. 						

An **optical network terminal (ONT)** includes an input device coupled to at least one sensing device mounted in a structure, and an output coupled to a passive optical network (PON). The **ONT** also includes a processor programmed to receive security information from the input device, determine if an alarm condition exists using the security information, and transmit an alarm to the output based on the determination. The processor is programmed to detect an open circuit between the sensing device and the **ONT**, and to generate an alarm if an open circuit is detected. The processor is also programmed to receive information from a keypad located remotely from the **ONT**. The keypad is utilized to program the **ONT** from the remote location.



A hybrid fiber coax (HFC) circuit comprises a diplexer and laser. The diplexer has an input terminal receiving a downstream radio-frequency (RF) signal from a passive optical network (PON). The diplexer outputs this signal from its common terminal onto a cable distribution network (CDN) covering the "last mile" to the customer. The diplexer receives on the common terminal an upstream radio-frequency (RF) signal from the CDN which it outputs on its output terminal. The laser connects to receive the upstream RF signal from the output terminal and uses this signal to generate an optical upstream RF signal transmitted to the head-end or hub via the PON. The HFC circuit can also comprise an RF amplifier, equalizer, or pod adjustment unit. Elements of the HFC circuit can be mounted on a substrate with an interface connection configured to fit into an **optical network terminal (ONT)**. A related system is also disclosed.

