

PATENT STATEMENT AND LICENSING DECLARATION FORM FOR  
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**Patent Statement and Licensing Declaration  
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**Patent Holder:**

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**Contact for license application:**

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**ISO/IEC Deliverable (\*)** (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(\*)Number ITU-T G.989.3

(\*)Title 40-Gigabit-capable passive optical networks (NG-PON2): Transmission  
convergence layer specification

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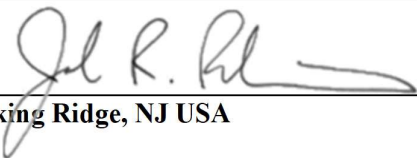
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| <b>Patent Information</b> (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE)) |                                     |                |                                                                             |                                                                    |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>No.</b>                                                                                                                 | <b>Status</b><br>[granted/ pending] | <b>Country</b> | <b>Granted Patent Number<br/>or<br/>Application Number (if<br/>pending)</b> | <b>Title</b>                                                       |
| 1                                                                                                                          | Pending                             | US             | 17/095,914                                                                  | SYSTEMS AND METHODS FOR COLLISION RESOLUTION DURING ONU ACTIVATION |
| 2                                                                                                                          | Issued                              | US             | 10986428                                                                    | SYSTEMS AND METHODS OF OPEN CONTENTION-BASED GRANT ALLOCATIONS     |
| 3                                                                                                                          | Pending                             | US             | 17/221,861                                                                  | SYSTEMS AND METHODS OF OPEN CONTENTION-BASED GRANT ALLOCATIONS     |
| 4                                                                                                                          |                                     |                |                                                                             |                                                                    |
| 5                                                                                                                          |                                     |                |                                                                             |                                                                    |
| 6                                                                                                                          |                                     |                |                                                                             |                                                                    |
| 7                                                                                                                          |                                     |                |                                                                             |                                                                    |
| 8                                                                                                                          |                                     |                |                                                                             |                                                                    |
| 9                                                                                                                          |                                     |                |                                                                             |                                                                    |
| 10                                                                                                                         |                                     |                |                                                                             |                                                                    |

☐ Check here if additional patent information is provided on additional pages.

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

|                                                |                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Signature (include on final page only):</b> |                                                                                      |
| Patent Holder                                  | <u>Verizon</u>                                                                       |
| Name of authorized person                      | <u>Joseph Palmieri</u>                                                               |
| Title of authorized person                     | <u>Managing Associate General Counsel</u>                                            |
| Signature                                      |  |
| Place, Date                                    | <u>Basking Ridge, NJ USA</u><br><u>February 3, 2022</u>                              |

FORM version: 2 November 2018