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Patent Holder:

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(*)Number G.698.2

(*)Title Amplified multichannel dense wavelength division multiplexing applications
with single channel optical interfaces

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No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	Pending	USA	13/190,194	Time varying data permutation apparatus and methods
2	Pending	PCT	PCT/US2012/040020	Time varying data permutation apparatus and methods
3	Pending	USA	13/085,810	Staircase Forward Error Correction Coding
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NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

Signature (include on final page only):	
Patent Holder	<u>Cortina Systems, Inc.</u>
Name of authorized person	<u>Hojjat Salemi</u>
Title of authorized person	<u>VP & General Manager</u>
Signature	<u><i>Hojjat Salemi</i></u>
Place, Date	<u>Sunnyvale, CA October 8, 2013</u>

FORM: 23 April 2012

