United States Patent

Volodin et al.

CHIRPED BRAGG GRATING ELEMENTS

Applicant: PD-LD, Inc., Pennington, NJ (US)

Inventors: Boris Leonidovich Volodin, West Windsor, NJ (US); Vladimir Sinisa Ban, Princeton, NJ (US)

Assignee: NECSEL INTELLECTUAL PROPERTY, INC., Pennington, NJ (US)

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Primary Examiner — Kinam Park
Attorney, Agent, or Firm — Condo Roecia Koptiw LLP

ABSTRACT

Apparatus and methods for altering one or more spectral, spatial, or temporal characteristics of a light-emitting device are disclosed. Generally, such apparatus may include a volume Bragg grating (VBG) element that receives input light generated by a light-emitting device, conditions one or more characteristics of the input light, and causes the light-emitting device to generate light having the one or more characteristics of the conditioned light.

13 Claims, 29 Drawing Sheets