



US008404446B2

(12) **United States Patent**
Armentrout

(10) **Patent No.:** **US 8,404,446 B2**
(45) **Date of Patent:** **Mar. 26, 2013**

(54) **DNA IN THE PRESENCE OF GELLAN**

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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 554 days.

(21) Appl. No.: **12/604,660**
(22) Filed: **Oct. 23, 2009**

(65) **Prior Publication Data**
US 2010/0041105 A1 Feb. 18, 2010

Related U.S. Application Data

- (62) Division of application No. 10/718,488, filed on Nov. 20, 2003, now Pat. No. 7,691,988.
- (60) Provisional application No. 60/427,987, filed on Nov. 20, 2002.

- (51) **Int. Cl.**
C12Q 1/68 (2006.01)
C12P 19/34 (2006.01)
- (52) **U.S. Cl.** **435/6.12**; 435/91.2; 435/91.21
- (58) **Field of Classification Search** None
See application file for complete search history.

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(57) **ABSTRACT**

A method is provided for nucleic acid amplification with enhanced sensitivity. The method for enhanced sensitivity involves carrying out the amplification reaction in the presence of gellan. For instance, the method allows for the production of detectable amounts of PCR amplified DNA from at least 10 fold fewer target molecules than a comparable PCR reaction in absence of gellan.

15 Claims, No Drawings