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BIO HEED INTERNATIONAL CO., LTD.

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Majeed et al.

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(54) **PROCESS FOR THE THERAPEUTIC MANAGEMENT OF DIARRHEA PREDOMINANT IRRITABLE BOWEL SYNDROME USING *BACILLUS COAGULANS* SBC-37-01, MTCC 5856**

(51) **Int. Cl.**
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CPC *A61K 35/742* (2013.01); *A61K 2035/115* (2013.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

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(56) **References Cited**

U.S. PATENT DOCUMENTS

7,767,203 B2* 8/2010 Farmer A23L 1/30 424/93.46

OTHER PUBLICATIONS

Gluten-Free Remedies "Restore gut Health with probiotics", Dec. 2011, 4 pages of PDF.*

* cited by examiner

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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 0 days.

(57) **ABSTRACT**

The present invention discloses a process for the therapeutic management of diarrhea predominant irritable bowel syndrome in humans comprising the oral administration of *Bacillus coagulans* SBC37-01, MTCC 5856 (containing not less than 2 billion spores) along with standard treatment of care in a specific manner.

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3 Claims, 7 Drawing Sheets

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