

**PATENT NO. 411698**  
**DE NOVO DESIGNED NOVEL ANTIMICROBIAL AND ANTISEPTIC PEPTIDES**  
**AND ITS APPLICATION AGAINST PLANT PATHOGENS**

**APPLICATION NO. 493/KOL/2015**

**APPLICANT**  
Bose Institute, Kolkata

**ABSTRACT**






An antimicrobial peptide or its analogue having sequence id selected from SEQ 1, 2, 3, 4, 7 and 8; said peptide being capable of imparting resistance to disease progression in plants.

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**CLAIM 1**

An antimicrobial peptide or its analogue having sequence id selected from SEQ 1, 2, 3, 4, 7 and 8; said peptide being capable of imparting resistance to disease progression in plants.

		कमांक : 033122031 SL No :
<b>INTELLECTUAL PROPERTY INDIA</b> PATENTS   DESIGNS   TRADE MARKS GEOGRAPHICAL INDICATIONS	भारत सरकार GOVERNMENT OF INDIA पेटेंट कार्यालय THE PATENT OFFICE पेटेंट प्रमाणपत्र PATENT CERTIFICATE (Rule 74 of the Patents Rules)	
पेटेंट नं. / Patent No.	: 411698	
अवेदन नं. / Application No.	: 493/KOL/2015	
प्रदत्त करने की तारीख / Date of Filing	: 04/05/2015	
पेटेंटी / Patentee	: BOSE INSTITUTE	
आविष्कारक (जहां लागू हो) / Inventor(s)	: 1.BHUNIA, Anirban 2.KUNDU, Pallob	
<p>प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित DE NOVO DESIGNED NOVEL ANTIMICROBIAL AND ANTISEPTIC PEPTIDES AND ITS APPLICATION AGAINST PLANT PATHOGENS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मई 2015 के चौथे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।</p> <p>It is hereby certified that a patent has been granted to the patentee for an invention entitled DE NOVO DESIGNED NOVEL ANTIMICROBIAL AND ANTISEPTIC PEPTIDES AND ITS APPLICATION AGAINST PLANT PATHOGENS as disclosed in the above mentioned application for the term of 20 years from the 4<sup>th</sup> day of May 2015 in accordance with the provisions of the Patents Act,1970.</p>		
<b>INTELLECTUAL PROPERTY INDIA</b> PATENTS   DESIGNS   TRADE MARKS GEOGRAPHICAL INDICATIONS		
		
अनुदान की तारीख : 17/11/2022 Date of Grant :		Controller of Patent
<p><b>ध्यान दें</b> - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बरकरार रखा जाना है, मई 2017 के चौथे दिन से और उसके फलदायक होने से उन्नीस दिन के भीतर देना होगा। <b>Note</b> - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 4<sup>th</sup> day of May 2017 and on the same day in every year thereafter.</p>		