

**FORM 3**  
 THE PATENTS ACT, 1970  
 (39 of 1970)  
 and  
 THE PATENTS RULES, 2003  
**STATEMENT AND UNDERTAKING UNDER SECTION 8**  
 (See section 8; rule 12)

1. Name of the applicant(s).	<b>I/We IONIS PHARMACEUTICALS, INC. of 2855 Gazelle Court, Carlsbad, CA 92010, USA; Nationality: USA</b>  hereby declare:
2. Name, address and nationality of the joint applicant	<p style="text-align: center;"><del>(i) that I/We have not made any application for the same/substantially the same invention outside India.</del></p> <p style="text-align: center;"><del>Or</del></p> <p>(ii) that I/We who have made this application No..... dated 31 May 2018 alone/<del>jointly with</del>, made for the same/ substantially same invention, application(s) for patent in the other countries, the particulars of which are given below:-</p>

Name of the country	Date of application	Application No.	Status of the application	Publication No.	Date of Publication	Grant Number	Date of grant
USA	06/11/2015	62/252,392	Expired				
PCT	07/11/2016	PCT/US2016/060816	PUBLISHED	WO 2017/079739 A1	11/05/2017		

3. Name and address of the assignee	<p style="text-align: center;">(iii) that the rights in the application(s) has/have been assigned to us</p> <p>that I/We undertake that upto the date of grant of the patent by the Controller, I/We would keep him informed in writing the details regarding corresponding applications for patents filed outside India within six months from the date of filing of such application.</p> <p>Dated this 31 day of May 2018</p>
4. To be signed by the applicant or his authorized registered patent agent	(R R Nair) REG. No.: IN/PA-121 Of De Penning & De Penning Agent for the Applicants
5. Name of the natural person who has signed.	
	To The Controller of Patents, The Patent Office, at Chennai
Note.- Strike out whichever is not applicable;	