



**DE PENNING & DE PENNING**  
PATENTS · TRADEMARKS · DESIGNS · COPYRIGHT  
SINCE 1856

our reference 1872-2018/SM/ra

date 29 April 2019

The Controller of Patents  
The Patent Office  
Chennai

Dear Sirs,

INDIA  
National Phase Application No. 201847020374  
Of International Application No. PCT/US2016/060816  
International filing date: 07 November 2016  
Date of Entry :31 May 2018  
In the name of :  
IONIS PHARMACEUTICALS, INC.

We refer to the above mentioned application and submit herewith the following document:

(1) Form 3 with Updated Foreign Filing Particulars

Kindly take this document on record.

Yours faithfully  
De Penning & De Penning

*DIGITALLY SIGNED*  
(Sathya Menon)  
REG. No.IN/PA-973

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**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).		I/We IONIS PHARMACEUTICALS, INC. of 2855 Gazelle Court, Carlsbad, CA 92010, USA; Nationality: USA					
2. Name, address and nationality of the joint applicant		hereby declare: <del>(i) that I/We have not made any application for the same/substantially the same invention outside India.</del> Or (ii) that I/We who have made this application No.201847020374 dated 31 May 2018 alone/jointly with, made for the same/ substantially same invention, application(s) for patent in the other countries, the particulars of which are given below:-					
<u>Name of the country</u>	<u>Date of application</u>	<u>Application No.</u>	<u>Status of the application</u>	<u>Publication Number</u>	<u>Date of Publication</u>	<u>Grant No.</u>	<u>Date of grant</u>
USA	06/11/2015	62/252392	Expired				
Australia	07/11/2016	2016349625	Pending				
Brazil	07/11/2016	BR112018003291-3	Pending	BR112018003291-3	25/09/2018		
Canada	07/11/2016	2999341	Pending				
Chile	07/11/2016	2018-01221	Pending		28/12/2018		
China	07/11/2016	201680063706.X	Pending	CN108348478A	31/07/2018		
Colombia	07/11/2016	NC2018/0002198	Pending		10/05/2018		
EPO	07/11/2016	16863162.0	Pending	3370708	12/09/2018		
Hong Kong	07/11/2016	19119522.1	Pending				
Israel	07/11/2016	257647	Pending				
Japan	07/11/2016	2018-519962	Pending	2018-531605	01/11/2018		
Republic of Korea	07/11/2016	10-2018-7013684	Pending				
Mexico	07/11/2016	MX/a/2018/005277	Pending		14/09/2018		
Malaysia	07/11/2016	PI2018701771	Pending				
New Zealand	07/11/2016	740026	Pending				
Peru	07/11/2016	338-2018	Pending		20/07/2018		
Singapore	07/11/2016	11201801380Q	Pending				
USA	07/11/2016	15/772649	Pending				
PCT	07/11/2016	PCT/US2016/06081 6	National phase entered	WO2017/079739	11/05/2017		

South Africa	07/11/2016	2018/01208	Pending				
3. Name and address of the assignee	<p>(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 16 day of April 2019</p>						
4. To be signed by the applicant or his authorized registered patent agent	<p><i>DIGITALLY SIGNED</i> Sathya Menon REG. NO.: IN/PA-973 Of De Penning &amp; De Penning Agent for the Applicants</p>						
5. Name of the natural person who has signed.	<p>To The Controller of Patents, The Patent Office, at Chennai</p>						
Note.- Strike out whichever is not applicable;							