

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (iv) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1a)(iv))  
 for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT: **US18/44781** (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that the above-identified international application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name: **Jian-Ping SHEN**

Residence: **Research Triangle Park, North Carolina**  
 (city and either US state, if applicable, or country)

Mailing Address: **c/o Research Triangle Institute  
 3040 Cornwallis Road  
 Research Triangle Park, NC 27709  
 US**

Inventor's Signature:   
 (The signature must be that of the inventor, not that of the agent)

Date: **07/30/2018**

Name: **Jason S. NORMAN**

Residence: **Research Triangle Park, North Carolina**  
 (city and either US state, if applicable, or country)

Mailing Address: **c/o Research Triangle Institute  
 3040 Cornwallis Road  
 Research Triangle Park, NC 27709  
 US**

Inventor's Signature: \_\_\_\_\_  
 (The signature must be that of the inventor, not that of the agent)

Date: \_\_\_\_\_

Name: **Brian S. TURK**

Residence: **Research Triangle Park, North Carolina**  
 (city and either US state, if applicable, or country)

Mailing Address: **c/o Research Triangle Institute  
 3040 Cornwallis Road  
 Research Triangle Park, NC 27709  
 US**

Inventor's Signature: \_\_\_\_\_  
 (The signature must be that of the inventor, not that of the agent)

Date: \_\_\_\_\_

This declaration is continued on the following sheet ("Continuation of Box No. VIII (iv)").

**Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)**

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3040 Cornwallis Road  
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US

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(The signature must be that of the inventor, not that of the agent)

Name: Jason S. NORMAN

Residence: Research Triangle Park, North Carolina  
(city and either US state, if applicable, or country)

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3040 Cornwallis Road  
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US

Inventor's Signature:  Date: 7/30/18  
(The signature must be that of the inventor, not that of the agent)

Name: Brian S. TURK

Residence: Research Triangle Park, North Carolina  
(city and either US state, if applicable, or country)

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3040 Cornwallis Road  
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US

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(The signature must be that of the inventor, not that of the agent)

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Mailing Address: c/o Research Triangle Institute  
3040 Cornwallis Road  
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US

Inventor's Signature: Date:  
(The signature must be that of the inventor, not that of the agent)

Name: Jason S. NORMAN

Residence: Research Triangle Park, North Carolina  
(city and either US state, if applicable, or country)

Mailing Address: c/o Research Triangle Institute  
3040 Cornwallis Road  
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US

Inventor's Signature: Date:  
(The signature must be that of the inventor, not that of the agent)

Name: Brian S. TURK

Residence: Research Triangle Park, North Carolina  
(city and either US state, if applicable, or country)

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Inventor's Signature: Brian Turk Date: 8/8/2018  
(The signature must be that of the inventor, not that of the agent)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

## Continuation of Box No. VIII (i) to (v) DECLARATION

If the space is insufficient in any of Boxes Box. VIII (i) to (v) to furnish all the information, including in the case where more than three inventors are to be named in Box No. VIII (i), in such case, write "Continuation of Box No. VIII..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.

Continuation of Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)

**PCT/US18/44781**

Name: Raghubir GUPTA

Residence: Research Triangle Park, North Carolina  
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Mailing Address: c/o Research Triangle Institute  
3040 Cornwallis Road  
Research Triangle Park, NC 27709  
US

Inventor's Signature: Raghubir Gupta Date: Sept 11, 2018  
(The signature must be that of the inventor, not that of the agent)