IEEE COPYRIGHT AND CONSENT FORM

To ensure uniformity of treatment among all contributors, other forms may not be substituted for this form, nor may any wording of the form be changed. This form is needed for original material submitted to the IEEE and must accompany any such material in order to be published by the IEEE. Please read the form carefully and keep copy for your files

TITLE OF PAPER/ARTICLE/REPORT, INCLUDING ALL CONTENT IN ANY FORM, FORMAT, OR MEDIA (hereinafter, "the Work"):

COMPLETE LIST OF AUTHORS:

IEEE PUBLICATION TITLE (Journal, Magazine, Conference, Book): 2018 IEEE International Conference on Computational Electromagnetics (ICCEM2018)

Copyright Transfer

1. The undersigned hereby assigns to The Institute of Electrical and Electronics Engineers, Incorporated (the "IEEE") all rights under copyright that may exist in and to:
(a) the above Work, including any revised or expanded derivative works submitted to the IEEE by the undersigned based on the Work; and (b) any associated written or multimedia components or other enhancements accompanying the Work.

Consent and Release

- 2. In the event the undersigned makes a presentation based upon the Work at a conference hosted or sponsored in whole or in part by the IEEE, the undersigned, in consideration for his/her participation in the conference, hereby grants the IEEE the unlimited, worldwide, irrevocable permission to use, distribute, publish, license, exhibit, record, digitize, broadcast, reproduce and archive, in any format or medium, whether now known or hereafter developed: (a) his/her presentation and comments at the conference; (b) any written materials or multimedia files used in connection with his/her presentation; and (c) any recorded interviews of him/her (collectively, the "Presentation"). The permission granted includes the transcription and reproduction of the Presentation in products sold or distributed by IEEE and live or recorded broadcast of the Presentation during or after the conference.

 3. In connection with the permission granted in Section 2, the undersigned hereby grants IEEE the unlimited, worldwide, irrevocable right to use his/her name, picture, likeness, voice and biographical information as part of the advertisement, distribution and sale of products incorporating the Work or Presentation, and releases IEEE from any claim based on right of privacy or publicity.

 4. The undersigned hereby warrants that the Work and Presentation (collectively, the "Materials") are original and that he/she is the author of the Materials. To the extent the Materials incorporate text passages, figures, data or other material from the works of others, the undersigned has obtained any necessary permissions. Where necessary, the undersigned has obtained all third party permissions and consents to grant the license above and has provided copies of such permissions and consents to IEEE.

- ☐ Please check this box if you do not wish to have video/audio recordings made of your conference presentation See reverse side for Retained Rights/Terms and Conditions, and Author Responsibilities. General Terms The undersigned represents that he/she has the power and authority to make and execute this assignment.

 The undersigned agrees to indemnify and hold harmless the IEEE from any damage or expense that may arise in the event of a breach of any of the warranties set forth above. In the event the above work is not accepted and published by the IEEE or is withdrawn by the author(s) before acceptance by the IEEE, the foregoing copyright transfer shall become null and void and all materials embodying the Work submitted to the IEEE will be destroyed.

 For jointly authored Works, all joint authors should sign, or one of the authors should sign as authorized agent for the others.

April 3, 2018 (1) Song Qi
Author/Authorized Agent for Joint Authors

U.S. Government Employee Certification (where applicable)

This will certify that all authors of the Work are U.S. government employees and prepared the Work on a subject within the scope of their official duties. As such, the Work is not subject to U.S. copyright protection.

(2) Song (April 3, 2018

(Authors who are U.S. government employees should also sign signature line (1) above to enable the IEEE to claim and protect its copyright in international jurisdictions.)

Crown Copyright Certification (where applicable)

This will certify that all authors of the Work are employees of the British or British Commonwe duties. As such, the Work is subject to Crown Copyright and is not assigned to the IEEE as set undersigned acknowledges, however, that the IEEE has the right to publish, distribute and reprint

(3) Song Q;
Authorized Signature Aml3, 2018

(Authors who are British or British Commonwealth Government employed copyright transfer.)