I, <u>Lih-Chung Wang</u>, of <u>Department of Applied Mathematics</u>, <u>National Dong Hwa University</u>, <u>No. 1, Sec. 2, Da Hsueh Rd.</u>, <u>Shoufeng, Hualien 974301, Taiwan, R.O.C.</u>, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that (check one):

- ☑ I do not hold and do not intend to hold any patent or patent application with a claim or that could be amended to include a claim that may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>; **OR** (check one or both of the following):
- □ to the best of my knowledge, the practice of the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, may be covered by the following U.S. and/or foreign patents: <u>None</u>;
- □ to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the practice of my submitted cryptosystem, reference implementation or optimized implementations: <u>None</u>.

I do hereby acknowledge and agree that my submitted cryptosystem will be provided to the public for review and will be evaluated by NIST, and that it might not be selected for standardization by NIST. I further acknowledge that I will not receive financial or other compensation from the U.S. Government for my submission. I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications which may cover my cryptosystem, reference implementation or optimized implementations. I also acknowledge and agree that the U.S. Government may, during the public review and the evaluation process, and, if my submitted cryptosystem is selected for standardization, during the lifetime of the standard, modify my submitted cryptosystem's specifications (e.g., to protect against a newly discovered vulnerability).

I acknowledge that NIST will announce any selected cryptosystem(s) and proceed to publish the draft standards for public comment.

Signed: Lih-Chung Wang

Title: Professor Date: 2023/02/16

Place: Department of Applied Mathematics, National Dong Hwa University, No. 1, Sec. 2, Da

I, <u>Po-En Tseng</u>, of <u>Department of Applied Mathematics</u>, <u>National Dong Hwa University</u>, <u>No. 1, Sec. 2, Da Hsueh Rd.</u>, <u>Shoufeng, Hualien 974301, Taiwan, R.O.C.</u>, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed: Po-En Tseng

Title: Mr.

Date: 2023/02/16

Do- En Tseng Place: Department of Applied Mathematics, National Dong Hwa University, No. 1, Sec. 2, Da

I, <u>Yen-Liang Kuan</u>, of <u>Department of Applied Mathematics</u>, <u>National Dong Hwa University</u>, <u>No. 1, Sec. 2, Da Hsueh Rd., Shoufeng, Hualien 974301, Taiwan, R.O.C.</u>, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed: Yen-Liang Kuan

Title: Professor Date: 2023/02/16

Place: Department of Applied Mathematics, National Dong Hwa University, No. 1, Sec. 2, Da

Yen-Liang Kuan

I, <u>Chun-Yen Chou</u>, of <u>Department of Applied Mathematics</u>, <u>National Dong Hwa University</u>, <u>No. 1, Sec. 2, Da Hsueh Rd.</u>, <u>Shoufeng, Hualien 974301, Taiwan, R.O.C.</u>, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed: Chun-Yen Chou

Title: Professor

Date: 2023/02/16

Place: Department of Applied Mathematics, National Dong Hwa University, No. 1, Sec. 2, Da

Chunga Chou

I, <u>Chia-Chun Wang</u>, of <u>F.-5</u>, <u>No. 168</u>, <u>Xinshou St.</u>, <u>Xingchang Vil.</u>, <u>Xinxing Dist.</u>, <u>Kaohsiung City 800</u>, <u>Taiwan</u>, <u>R.O.C.</u>, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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I acknowledge that NIST will announce any selected cryptosystem(s) and proceed to publish the draft standards for public comment.

Signed: Chia-Chun Wang
Title: Mr.
Date: 2023/02/16
Place: F.-5, No. 168, Xinshou St., Xingchang Vil., Xinxing Dist., Kaohsiung City 800, Taiwan,

R.O.C.

I, <u>Ming-Siou Li</u>, of <u>9F.-4</u>, No. 98, Zhonghua 3rd Rd., Qianjin Dist., Kaohsiung City 801, Taiwan, <u>R.O.C.</u>, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed: Ming-Siou Li

Title: Mr.

Date: 2023/02/16

Place: 9F.-4, No. 98, Zhonghua 3rd Rd., Qianjin Dist., Kaohsiung City 801, Taiwan, R.O.C.

Ming-Sion Li

I, <u>Bo-Shu Tseng</u>, of <u>No. 18, Ln. 32, Pizitou Rd., Zuoying Dist., Kaohsiung City 813, Taiwan, R.O.C.</u>, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed: Bo-Shu Tseng

Title: Mr.

Date: 2023/02/16

Place: No. 18, Ln. 32, Pizitou Rd., Zuoying Dist., Kaohsiung City 813, Taiwan, R.O.C.

BoShu Tama

Statement by Each Submitter

I. Jintai Ding, of 8770 Weller Station Dr. OH. USA 45249

do hereby declare that the cryptosystem reference implementation or optimized

do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as <u>SNOVA</u>, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed: Jintai Ding Juta L.

Title: Professor

Date: 2073.05.12

Place: 136jily, ching.

Statement by Reference/Optimized Implementations' Owner(s)

The following must also be included:

I, <u>Chia-Chun Wang</u>, <u>F.-5</u>, <u>No. 168</u>, <u>Xinshou St.</u>, <u>Xingchang Vil.</u>, <u>Xinxing Dist.</u>, <u>Kaohsiung City 800</u>, <u>Taiwan</u>, <u>R.O.C.</u>, am the owner or authorized representative of the owner (print full name, if different than the signer) of the submitted reference implementation and optimized implementations and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the post-quantum algorithm public review and evaluation process, and implementation if the corresponding cryptosystem is selected for standardization and as a standard, notwithstanding that the implementations may be copyrighted or copyrightable.

Signed: Chia-Chun Wang

Title: Mr.

Date: 2023/02/16

Place: F.-5, No. 168, Xinshou St., Xingchang Vil., Xinxing Dist., Kaohsiung City 800,

Chia Chim Warg

Taiwan, R.O.C.