I, Yang Yu, of Room 1-404, West Main Building, Tsinghua University, 100084, Beijing, China, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as HuFu, 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):* 

<b>V</b>	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 HuFu; <b>OR</b> (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 HuFu, may be covered by the following U.S. and/or foreign patents:none;
	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: none.

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

I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3, below, for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

Signed:

Yang Yu.

Title: Doctor

Date: May 31, 2023 Place: Beijing, China

I, Huiwen Jia, of Room 609B, Computer Laboratory Building, Guangzhou University, 510006, Guangzhou, China, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as HuFu, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed:

Huiwen Jia

Title: Doctor

Date: May 31, 2023

Place: Guangzhou, China

I, Leibo Li, of Room 1901-1, Building 7, Zone 7, Hanyu Financial Business Center, No. 7000 Jing Shi Road, Jinan, Shandong Province, China, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as HuFu, 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):* 

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I acknowledge that, during the post-quantum algorithm evaluation process, NIST may remove my cryptosystem from consideration for standardization. If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from consideration by all submitter(s) and owner(s), I understand that rights granted and assurances

made under Sections 2.D.1, 2.D.2 and 2.D.3, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed:

Lei bo Li

Title: CTO

Date: May 31, 2023 Place: Jinan, China

I, Delong Ran, of Room 405, Institute for Advanced Study, Tsinghua University, 100084, Beijing, China, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as HuFu, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed:

Delong Ran

I, Zhiyuan Qiu, Room 1901-1, Building 7, Zone 7, Hanyu Financial Business Center, No. 7000 Jing Shi Road, Jinan, Shandong Province, China, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as HuFu, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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made under Sections 2.D.1, 2.D.2 and 2.D.3, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.

Signed:

Zhiyuan Qiu

Title: Engineer Date: May 31, 2023 Place: Jinan, China

I, Shiduo Zhang, of Room 405, Institute for Advanced Study, Tsinghua University, 100084, Beijing, China, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as HuFu, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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Signed:

Shiduo Zhang

I, Xiuhan Lin, of Room 1-406, West Main Building, Tsinghua University, 100084, Beijing, China, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as HuFu, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

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I do hereby agree to provide the statements required by Sections 2.D.2 and 2.D.3, below, for any patent or patent application identified to cover the practice of my cryptosystem, reference implementation or optimized implementations and the right to use such implementations for the purposes of the public review and evaluation process.

Signed:

Title: PhD Student Date: May 31, 2023 Place: Beijing, China

Xinhan Lin

I, Xiaoyun Wang, of Room 306, Institute for Advanced Study, Tsinghua University, 100084, Beijing, China, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as HuFu, 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):* 

V	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 HuFu; <b>OR</b> (check one or both of the following):
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	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: none.

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# Signed:

Xraoyun Wany

Title: Professor Date: May 31, 2023 Place: Beijing, China

The following must also be included:

I, Yang Yu, Room 1-404, West Main Building, Tsinghua University, 100084, Beijing, China, am the owner 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:

Yang Yu.

Title: Doctor

Date: May 31, 2023 Place: Beijing, China

The following must also be included:

I, Huiwen Jia, Room 609B, Computer Laboratory Building, Guangzhou University, 510006, Guangzhou, China, am the owner 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:

Huiwen Jia

Title: Doctor

Date: May 31, 2023

Place: Guangzhou, China

The following must also be included:

I, Leibo Li, Room 1901-1, Building 7, Zone 7, Hanyu Financial Business Center, No. 7000 Jing Shi Road, Jinan, Shandong Province, China, am the owner 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:

Title: CTO

Date: May 31, 2023 Place: Jinan, China

Lei bo Li

The following must also be included:

I, Delong Ran, Room 405, Institute for Advanced Study, Tsinghua University, 100084, Beijing, China, am the owner 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:

Delong Ran

The following must also be included:

I, Zhiyuan Qiu, Room 1901-1, Building 7, Zone 7, Hanyu Financial Business Center, No. 7000 Jing Shi Road, Jinan, Shandong Province, China, am the owner 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:

Zhiyuan Qiu

Title: Engineer Date: May 31, 2023 Place: Jinan, China

The following must also be included:

I, Shiduo Zhang, Room 405, Institute for Advanced Study, Tsinghua University, 100084, Beijing, China, am the owner 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:

Shidus Zhang

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Signed:

Xinhan Zin

The following must also be included:

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Signed:

Xraoyun Wany

Title: Professor Date: May 31, 2023 Place: Beijing, China