I, Emmanuela Orsini of Dept. Computer Science, University of Bristol, Woodland Road, Bristol, BS8 1UB, United Kingdom, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, 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 which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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

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.

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 If my cryptosystem (or the derived cryptosystem) is removed from consideration for standardization or withdrawn from consideration by all submitter(s) and owner(s), I understand that rights granted and assurances made under Sections 2.D.1, 2.D.2 and 2.D.3, including use rights of the reference and optimized implementations, may be withdrawn by the submitter(s) and owner(s), as appropriate.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.

Title: Senior Research Associate

Date: 12th June 2017

Place: Bristol, United Kingdom

I, Guy Peer of Dyadic Security, 25 Efal st. Beit Amot Platinum, Petach Tikva 4951125, Israel, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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Signed:

Title: VP of R&D

Date: 1st Sept 2017

Place: Petach Tikva, Israel

I, Kenny Paterson of the Information Security Group, Royal Holloway, University of London, Egham, Surrey TW20 0EX, United Kingdom, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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Signed:

Title: Professor of Information Security

Date: 1st Sept 2017

Place: Egham, United Kingdom

I, Martin Albrecht of the Information Security Group, Royal Holloway, University of London, Egham, Surrey TW20 0EX, United Kingdom, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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Signed:

Title: Doctor

Date: 1st Sept 2017

Place: Egham, United Kingdom

I, Nigel Paul Smart of Dept. Computer Science, University of Bristol, Woodland Road, Bristol, BS8 1UB, United Kingdom, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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).

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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.

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Signed:

Title: Professor of Cryptology

Date: 12th June 2017

Place: Bristol, United Kingdom

I. Valery Osheter of Dyadic Security, 25 Efal st. Beit Amot Platinum, Petach Tikva 4951125, Israel, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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).

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Signed:

Title: Engineer

Date: 1st Sept 2017

Place: Petach Tikva, Israel

I, Yehuda Lindell of the Department of Computer Science, Bar Ilan Universit, Ramat Gan 52900, Israel, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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

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.

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Signed:

Title: Professor of Cyber Security

Date: 1st Sept 2017

Place: Ramat Gan,, Israel

I, Guy Peer, of Dyadic Security Ltd., Petah Tikva, Israel, am the owner or authorized representative of the owner Dyadic Security 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: VP R&D

Date: 17th June 2017

Place: Petah Tikva, Israel

I, Nigel Paul Smart, of Department of Computer Science, University of Bristol, Woodland Road, Bristol, BS8 1UB, United Kingdom, 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: Professor of Cryptology

Date: 17th June 2017

Place: Bristol, United Kingdom

I, Martin Albrecht of the Information Security Group, Royal Holloway, University of London, Egham, Surrey TW20 0EX, United Kingdom, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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Signed:

Title: Doctor

Date: 26 October 2017

Place: Egham, United Kingdom

I, Yehuda Lindell of the Department of Computer Science, Bar Ilan Universit, Ramat Gan 52900, Israel, do hereby declare that the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that I do not hold and do not intend to hold any patent or patent application with a claim which may cover the cryptosystem, reference implementation, or optimized implementations that I have submitted, known as LIMA

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Signed:

Title: Professor of Computer Science, Director of the BIU Center of Research in Applied

Cryptography and Cyber Security

Date: 1st Sept 2017

Place: Ramat Gan,, Israel