\$40.00 12300

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Thomas Langer | 10/20/2008 |

RECEIVING PARTY DATA

| Name: | Austrian Research Centers GmbH-ARC | |
|-------------------|---|--|
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| City: | Vienna | |
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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12306224 |

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|-------------------------|---------------------|
| NAME OF SUBMITTER: | Mark B. Wilson |

Total Attachments: 1

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PATENT REEL: 022017 FRAME: 0828

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ASSIGNMENT

WHEREAS: Thomas LÄNGER

of

Kleinschmidgasse 1/12, A-1040 Wien, Austria

(hereinafter referred to as ASSIGNOR) has invented a certain invention entitled: HUB DEVICE FOR A NETWORK COMPRISING QUANTUM CRYPTOGRAPHIC **CONNECTIONS AND NODE MODULE FOR SAID HUB DEVICE** for which application for Letters Patent of the United States has been designated under the Patent Cooperation Treaty, International Application No: PCT/AT2007/000316; filed 27 June 2007.

WHEREAS: AUSTRIAN RESEARCH CENTERS GMBH-ARC of Tech Gate Vienna Wissensch. u. Tech. Park, Donau-City-Strasse 1, A-1220 Wien, Austria (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right in, to and under said invention in the United States and the Letters Patent to be obtained therefore;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (USD 1,00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and the Letters Patent to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby convenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further convenant that ASSIGNEE will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have set my hand and seal

this

day of Oct 2008

Witness: (Christian Mongh)

PATENT REEL: 022017 FRAME: 0829

RECORDED: 12/22/2008