503625574 12/28/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3672206

| IATURE OF CONVEYAN | | NEW ASSIGNMENT | |
|--|--------------------------------|--|----------------|
| NATURE OF CONVEYANCE: | | CHANGE OF NAME | |
| CONVEYING PARTY DA | TA | | |
| | | Name | Execution Date |
| HEIKKI SAARI | | | 10/23/2013 |
| JUSSI MAKYNEN | | | 10/23/2013 |
| CHRISTER HOLMLUND | | | 10/23/2013 |
| UULA KANTOJARVI | | | 10/23/2013 |
| JARKKO ANTILA | | | 10/23/2013 |
| RAMI MANNILA | | | 10/23/2013 |
| | | | |
| Name: | TEKNOLOGIAN TUTKIMUSKESKUS VTT | | |
| Street Address: | VUORIMIEHENTIE 3 | | |
| City: | ESPOO | | |
| State/Country: | FINLAND | | |
| Postal Code: | FI-02044 VTT | | |
| PROPERTY NUMBERS | | Number | |
| | | | |
| Application Number: | | 14049636 | |
| | | | |
| | e sent to | <i>o the e-mail address first; if that is unsu</i> <i>d; if that is unsuccessful, it will be sent</i> v 2036590388 | |
| Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: | e sent to provideo | <i>d; if that is unsuccessful, it will be sent v</i> 2036590388 ziplaw@gziplaw.com | |
| Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: | e sent to provideo | <i>d; if that is unsuccessful, it will be sent</i> v 2036590388 ziplaw@gziplaw.com ZIEGLER IP LAW GROUP LLC | |
| Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: | e sent to provideo | <i>d; if that is unsuccessful, it will be sent</i> v 2036590388 ziplaw@gziplaw.com ZIEGLER IP LAW GROUP LLC 55 GREENS FARMS ROAD | |
| Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: | e sent to provideo | <i>d; if that is unsuccessful, it will be sent</i> v 2036590388 ziplaw@gziplaw.com ZIEGLER IP LAW GROUP LLC | |
| Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: | e sent to provideo | d; if that is unsuccessful, it will be sent v 2036590388 ziplaw@gziplaw.com ZIEGLER IP LAW GROUP LLC 55 GREENS FARMS ROAD WESTPORT, CONNECTICUT 06880 | |
| Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: | e sent to provideo | d; if that is unsuccessful, it will be sent v 2036590388 ziplaw@gziplaw.com ZIEGLER IP LAW GROUP LLC 55 GREENS FARMS ROAD WESTPORT, CONNECTICUT 06880 | |
| Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: | e sent to provideo | d; if that is unsuccessful, it will be sent v 2036590388 ziplaw@gziplaw.com ZIEGLER IP LAW GROUP LLC 55 GREENS FARMS ROAD WESTPORT, CONNECTICUT 06880 TP.2526.USU1 | |

source=Letter from Ministry of Employment and the Economy (ID 794505)#page1.tif source=Letter from Ministry of Employment and the Economy (ID 794505)#page2.tif

PATENT REEL: 037364 FRAME: 0379



TYO- JA ELINHEINOMINISTERIÖ Arbete- dom närindeministeriet Ministry op Employment and the eldingry

March 9, 2015

To whom it may concern

TRANSFER OF IMMATERIAL AND OTHER RIGHTS TO TEKNOLOGIAN TUTKIMUS-KESKUS VTT OY / VTT TECHNICAL RESEARCH CENTRE OF FINLAND LTD

The new non-profit company, Teknologian tutkimuskeskus VTT Oy (also VTT Technical Research Centre of Finland Ltd, **hereinafter "VTT Oy"**, business ID 2647375-4), fully owned by the State of Finland, was established and started its actual operations on January 1, 2015. VTT Oy, as a 100 % state-owned limited liability company, operates under the administration of Ministry of Employment and the Economy.

Background

On January 1, 2015 all immaterial and other rights were transferred to VTT Oy in accordance with § 1 of the Act on converting of VTT Technical Research Centre of Finland and the Centre for Metrology into a limited liability company (762/2014) and also in accordance with the Decision of the Finnish Government on December 11, 2014. According to the said Act the Finnish Government is entitled to hand over to VTT Oy all possessions, immaterial rights as well as all business activities under the control of VTT. According to the above mentioned decision the Ministry of Employment and the Economy has a right on behalf of the State of Finland to hand over to VTT Oy all possessions, immaterial and other rights as well as all business activities under the control of VTT. The Ministry of Employment and the Economy has a right on behalf of the State of Finland to hand over to VTT Oy all possessions, immaterial and other rights as well as all business activities under the control of VTT. The Ministry of Employment and the Economy has made the said disposition on January 1, 2015.

Entitlements regarding IPRs.

Therefore VTT Oy is entitled to e.g. apply for and be granted a patent for any invention previously owned by VTT; register in its own name any pending patent application (including both provisional and non-provisional patent applications) or granted patent for which VTT is registered as applicant or assignee/owner /proprietor or which was previously the property of VTT; transfer ownership of any pending patent application (including both provisional and non-provisional patent applications) or granted patent filed or previously owned by VTT to any third party and; claim priority of any patent application (including both provisional and nonprovisional patent applications) filed by VTT by way of the above mentioned Act and its derivatives.

TYÖ- JA ELINKEINOMINISTERIO PL 32 (Aleksanterinkatu 4) 00023 Valtioneuvosto < Puh, 010 606 000 Faksi (09) 1606 2166 × www.tem,fi ABBETS- OCH NÄRINGSMINISTERIET PE 32 (Alexandersgatan 4) 00023 Statsrådet - Tin 010 606 000 Fax (09) 1606 2166 - www.tem.fi MINISTRY OF EMPLOYMENT AND THE ECONOMY P.O. Box 32 (Aleksanterinkatu 4) FI-00023 Government - Tel + 358 10 606 000 Fax + 358 9 1606 2166 - waxe the **PATENT**

REEL: 037364 FRAME: 0380

The aforementioned entitlements regarding patents and patent applications also concern all industrial and intellectual property rights, including but not limited to registering or transfer of utility models, trade-marks and protection of design and applications thereof.

£ Jan Vapaavuori

Minister of Economy

Mars Keitalalar

Ministerial Adviser

RECORDED: 12/28/2015