

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Norazlin BIN JAMLUS</td> <td>04/09/2012</td> </tr> <tr> <td>Mazlan BIN BURHANUDIN</td> <td>04/09/2012</td> </tr> <tr> <td>Amil Azhar BIN MOHD ALI</td> <td>04/09/2012</td> </tr> <tr> <td>Annuar Mohd. RAMLI</td> <td>04/09/2012</td> </tr> <tr> <td>Nassiruddin Mohamed SAPARDI</td> <td>04/26/2012</td> </tr> <tr> <td>Vijayan S/O ELLAPPAN</td> <td>04/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Norazlin BIN JAMLUS	04/09/2012	Mazlan BIN BURHANUDIN	04/09/2012	Amil Azhar BIN MOHD ALI	04/09/2012	Annuar Mohd. RAMLI	04/09/2012	Nassiruddin Mohamed SAPARDI	04/26/2012	Vijayan S/O ELLAPPAN	04/30/2012
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CORRESPONDENCE DATA															
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
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Address Line 4:	Alexandria, VIRGINIA 22314														
ATTORNEY DOCKET NUMBER:	32075U														

OP \$40.00 13339886

NAME OF SUBMITTER:

Jerald L. Meyer

Total Attachments: 2

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to **Norazlin BIN JAMLUS, Mazlan BIN BURHANUDIN, Amil Azhar BIN MOHD ALI, Annuar Mohd. RAMLI, Nassiruddin Mohamed SAPARDI, and Vijayan S/O ELLAPPAN**, hereinafter referred to as the ASSIGNOR(S), who has/have invented certain new and useful

A SYSTEM AND METHOD FOR PERFORMING HARMONIC FREQUENCY FILTRATION AND ANALYSIS

hereinafter referred to as the invention, for which I/we has/have executed an application for Letters Patent filed on **December 29, 2011** in the United States Patent and Trademark Office as Application No. **13/339,886**.

WHEREAS, **TELEKOM MALAYSIA BERHAD**, a corporation/ Institution organized and existing under the laws of the country of **MALAYSIA**, whose post office address/business address is **Level 51, North Wing, Menara TM 50672, Kuala Lumpur, Malaysia**.

hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, said ASSIGNOR(S) hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as said ASSIGNOR(S) might or could have held and enjoyed the same had this assignment not been made.

ASSIGNMENT

ALSO, said ASSIGNOR(S) hereby agrees to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorizes and request(s) the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

By:	<p><u>NORAZLIN BIN JAMLUS</u> Mechanical Engineer IDM SR/ES Telekom Research & Development Sdn. Bhd. TelR&D Innovation Centre (47333-A)</p> <p><u>Inventor's Name: Norazlin BIN JAMLUS</u> (First inventor)</p> <p>TM Research & Development Sdn. Bhd. TM Innovation Centre 1, Jln. Telekomunikasi 63000 Cyberjaya Selangor Darul Ehsan, Malaysia</p>	<p>7/4/2012</p> <p>_____</p> <p>Date</p>
By:	<p><u>Mazlan BIN BURHANUDIN</u> (Second inventor)</p> <p>AMM AZHAR MOHD ALI Researcher EMC & Power Quality Programme EPE SR/ES Telekom Research & Development Sdn. Bhd. TelR&D Innovation Centre (47333-A)</p> <p><u>Inventor's Name: Mazlan BIN BURHANUDIN</u> (Second inventor)</p>	<p>09/04/2012</p> <p>_____</p> <p>Date</p>
By:	<p><u>Amil Azhar BIN MOHD ALI</u> (Third inventor)</p> <p>AMM AZHAR MOHD ALI Researcher EMC & Power Quality Programme EPE SR/ES Telekom Research & Development Sdn. Bhd. TelR&D Innovation Centre (47333-A)</p> <p><u>Inventor's Name: Amil Azhar BIN MOHD ALI</u> (Third inventor)</p>	<p>7/4/2012</p> <p>_____</p> <p>Date</p>
By:	<p><u>Annur Mohd Raml</u> (Fourth inventor)</p> <p>AMM AZHAR MOHD ALI Principal Researcher EMC, Safety & Protection Group Hardware Platforms Domain Enabling Sciences Division Telekom Research & Development Sdn. Bhd. TelR&D Innovation Centre (47333-A)</p> <p><u>Inventor's Name: Annur Mohd Raml</u> (Fourth inventor)</p>	<p>7/4/12</p> <p>_____</p> <p>Date</p>
By:	<p><u>Nassiruddin Mohamed SAPARDI</u> (Fifth inventor)</p> <p>AMM AZHAR MOHD ALI Principal Researcher EMC, Safety & Protection Group Hardware Platforms Domain Enabling Sciences Division Telekom Research & Development Sdn. Bhd. TelR&D Innovation Centre (47333-A)</p> <p><u>Inventor's Name: Nassiruddin Mohamed SAPARDI</u> (Fifth inventor)</p>	<p>26/4/12</p> <p>_____</p> <p>Date</p>
By:	<p><u>Vijayan S/O ELLAPPAN</u> (Sixth inventor)</p> <p>AMM AZHAR MOHD ALI Principal Researcher EMC, Safety & Protection Group Hardware Platforms Domain Enabling Sciences Division Telekom Research & Development Sdn. Bhd. TelR&D Innovation Centre (47333-A)</p> <p><u>Inventor's Name: Vijayan S/O ELLAPPAN</u> (Sixth inventor)</p>	<p>20/4/2012</p> <p>_____</p> <p>Date</p>