### REQUEST FOR GRANT OF PATENT (Regulations 7(1))

To: The Registrar of Patents
Patents Registration Office
Kuala Lumpur, Malaysia

Please submit this Form in duplicate together with the prescribed fee

<table>
<thead>
<tr>
<th>APPLICATION NO:</th>
<th>PI 2016702297</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filing Date:</td>
<td>21/06/2016</td>
</tr>
<tr>
<td>Fee received on:</td>
<td>21/06/2016</td>
</tr>
<tr>
<td>Amount:</td>
<td>RM880</td>
</tr>
</tbody>
</table>

The applicant(s) request(s) the grant of a patent in respect of the following particulars:

#### I. TITLE OF INVENTION:

- **A DEVICE, A METHOD AND A SYSTEM FOR DETECTING PROPERTIES OF A MATERIAL**

#### II. APPLICANT(S) (the data concerning each applicant must appear in this box or, if the space insufficient, in the space below):

<table>
<thead>
<tr>
<th>Name</th>
<th>Universiti Teknikal Malaysia Melaka</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.C./Passport No</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>UNIVERSITI TEKNIKAL MALAYSIA MELAKA, HANG TUAH JAYA, 76100 DURIAN TUNGGAH MELAKA MALAYSIA</td>
</tr>
<tr>
<td>Nationality</td>
<td></td>
</tr>
</tbody>
</table>

Address for service in Malaysia: TEE IP SDN BHD, SUITE 32-2, JALAN DWITASIK, DATARAN DWITASIK, BANDAR SRI PERMAISURI 56000 KUALA LUMPUR MALAYSIA

* Permanent resident or principal place of business:
  - Telephone Number (if any)
  - Fax Number (if any)
  - Additional Information (if any)

#### III. INVENTOR:

- Applicant is the inventor: Yes
  - Zahriladha Zakaria
    - Address: FACULTY OF ELECTRONIC AND COMPUTER ENGINEERING, UNIVERSITI TEKNIKAL MALAYSIA MELAKA, HANG TUAH JAYA, 76100 DURIAN TUNGGAH MELAKA MALAYSIA
  - Applicant is the inventor: Yes

- Applicant is the inventor: Yes
  - Rammah Ali Hussien Al-Ahnomi
    - Address: FACULTY OF ELECTRONIC AND COMPUTER ENGINEERING, UNIVERSITI TEKNIKAL MALAYSIA MELAKA, HANG TUAH JAYA, 76100 DURIAN TUNGGAH MELAKA MALAYSIA
  - Applicant is the inventor: Yes

- Applicant is the inventor: Yes
  - Amyrul Azuan Mohd Bahar
    - Address: FACULTY OF ELECTRONIC AND COMPUTER ENGINEERING, UNIVERSITI TEKNIKAL MALAYSIA MELAKA, HANG TUAH JAYA, 76100 DURIAN TUNGGAH MELAKA MALAYSIA
  - Applicant is the inventor: Yes

- Applicant is the inventor: Yes
  - Eliyana Binti Ruslan
    - Address: FACULTY OF ENGINEERING TECHNOLOGY, UNIVERSITI TEKNIKAL MALAYSIA MELAKA, HANG TUAH JAYA, 76100 DURIAN TUNGGAH MELAKA MALAYSIA
  - Applicant is the inventor: Yes

A statement justifying the applicant's to the patent accompanies this Form

- Yes
- No

#### IV. AGENT OR REPRESENTATIVE:

- Applicant has appointed a patent agent in accompanying Form No. 17: Yes
- Agent Registration No: PA/2010/0220
- Applicant has appointed to be their representative: TEE LIN YIK

#### V. DIVISIONAL APPLICATION:

- This application is a divisional application: Yes
- The benefit of the filing date priority date
of the initial application is claimed in as much as the subject-matter of the present application is contained in the initial
application identified below:

Initial Application No:
Date of filing of initial application:

Additional Information (if any)

VI. DISCLOSURE TO BE REGARDED FOR PRIOR ART PURPOSES:

(a) Disclosure was due to acts of applicant or his predecessor
in title
   Date of disclosure:

(b) Disclosure was due to abuse of rights of applicant or his
predecessor in title
   Date of disclosure:

A statement specifying in more detail the facts concerning the
disclosure accompanies this Form. Yes No

Additional Information (if any)

VII. PRIORITY CLAIM (if any)

The priority of an earlier application is claimed as follows:
Country (if the earlier application is a regional or international application, indicate the office with which it is filed):
Filing Date:
Application No:
Symbol of the International Patent Classification:
If not yet allocated, please tick
The priority of more than one earlier application is claimed
Yes No
The certified copy of the earlier application(s) accompanies this Form
Yes No
If No, it will be furnished by Date:

Additional Information (if any)

VIII. CHECK LIST

A. This application contains the following:
   1. Request sheets
   2. Description sheets
   3. Claim sheets
   4. Abstract sheets
   5. Drawings sheets
   Total sheets

B. This Form, as filed, is accompanied by the items checked below:
   (a) Signed Form No. 17
   (b) Declaration that inventor does not wish to be named in the patent
   (c) Statement justifying applicant's right to the patent
   (d) Statement that certain disclosure be disregarded
   (e) Priority document (certified copy of earlier application)
   (f) Cash, cheque, money order, bank draft or postal order for the
      payment of application fee
   (g) Other documents (specify)

IX. SIGNATURE:

mail=info@teeip.com, cn=TEE LIN YIK, ou=Contact Number -
0122097058,ou=Identity Card / Passport No -###########,
ou=Terms of use
at www.msctrustgate.com/rpa (c)00, ou=Bahagian Teknologi
Maklumat V2,
o=Perbadanan Harta Intelek Malaysia, i=&quot32-1 & 32-2, JALAN
DWITASIK,
DATARAN DWITASIK, BANDAR SRI PERMAISURI,&quot,
st=&quot56000
CHERAS, KUALA LUMPUR&quot, c=MY,
CertSerialNo=4890ab174da70ac456395eb2bebc21d2|
21/06/2016

** Type name under signature and delete whichever do not apply

If Agent, indicate Agent's Registration No.: PA/2010/0220

Date of receipt of correction, later filed papers or drawings completing the application: -

* Delete whichever do not apply

For Official Use