

# CERTIFICATE OF DESIGN PATENT

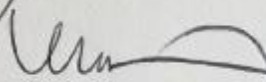
THIS CERTIFIES THAT

**AZHER M.ABED**

has been granted a patent for ( **Single Stage Absorption Cooling System Using Dual Ejectors and Flash Tank** ), with the filing date of 1/7/2016 and application No.( PI 2016702456).



UNIVERSITI  
KEBANGSAAN  
MALAYSIA  
*National University  
of Malaysia*

  
\_\_\_\_\_  
Director



<b>Patents Form No.1</b> PATENTS ACT 1983  REQUEST FOR GRANT OF PATENT (Regulations 7(1))  To: The Registrar of Patents Patents Registration Office Kuala Lumpur, Malaysia	For Official Use  APPLICATION NO: <b>PI 2016702456</b> Filing Date: <b>01/07/2016</b>  Fee received on: <b>01/07/2016</b> Amount: <b>RM330</b>
Please submit this Form in duplicate together with the prescribed fee	Applicant's file reference: <b>SK/P1517/UKM/16</b>

THE APPLICANT(S) REQUEST(S) THE GRANT OF A PATENT IN RESPECT OF THE FOLLOWING PARTICULARS:

I. TITLE OF INVENTION: **SINGLE STAGE FLASH TANK – ABSORPTION COOLING SYSTEM WITH DOUBLE EJECTORS**

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

Name: **UNIVERSITI KEBANGSAAN MALAYSIA (UKM)**

I.C./Passport No:

Address: **PUSAT INOVASI KOLABORATIF (PIK), UKM 43600 BANGI SELANGOR MALAYSIA**

Nationality: **MALAYSIA**

Address for service in Malaysia: **AETAS INTELLECTUAL PROPERTY SOLUTIONS SDN. BHD., D6-SUNWAYPJ@51A, JALAN SS9A/19, SECTION 51A 47300 PETALING JAYA MALAYSIA**

\* Permanent resident or principal place of business:

Telephone Number (if any)

Fax Number (if any)

Additional Infomation (if any)

Additional Infomation (if any)

III. INVENTOR:

Applicant is the inventor:

Yes No

If the applicant is not the inventor

Name: **Kamaruzzaman Sopian**

Address: **Solar Energy Research Institute, Universiti Kebangsaan Malaysia, UKM 43600 Bangi SELANGOR MALAYSIA**

Applicant is the inventor:

Yes No

If the applicant is not the inventor

Name: **Azher Muhson Abed**

Address: **Solar Energy Research Institute, Universiti Kebangsaan Malaysia, UKM 43600 Bangi SELANGOR MALAYSIA**

Applicant is the inventor:

Yes No

If the applicant is not the inventor

Name: **Sohif Mat**

Address: **Solar Energy Research Institute, Universiti Kebangsaan Malaysia, UKM 43600 Bangi SELANGOR MALAYSIA**

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

Yes  No

Additional Information (if any)

IV. AGENT OR REPRESENTATIVE:

Applicant has appointed a patent agent in accompanying Form No. 17

Yes  No

Agent Registration No: **PA/2008/0192**

Applicant has appointed to be their representative: **SUSHIL KAUR A/P GURNAM SINGH**

V. DIVISIONAL APPLICATION:

This application is a divisional application

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) Disclose was due to abuse of rights of applicant or his predecesor 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=sushil@aetas.com.my, cn=SUSHIL KAUR, ou=Contact Number - 0162121095, 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, l="D6-SunwayPJ@51A, Jalan SS9A/19,(Off Federal Highway),Section 51A," st="47300, Petaling Jaya,Selangor Darul Ehsan." c=MY, CertSerialNo=3cbfda88e753af3eddd38ee77bfea47a|  
 \*\*(Applicant/Agent)

01/07/2016

(Date)

If Agent, indicate Agent's Registration No.: PA/2008/0192

For Official Use

Date application received: 01/07/2016

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

\* Delete whichever do not apply

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

