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| Logo_UUM  | ***UNIVERSITY GRANT******APPLICATION FORM***Borang PermohonanGeran Penjanaan Paten *Sekretariat:**Pusat Inovasi dan Pengkomersialan (ICC)**Universiti Utara Malaysia**06010 UUM Sintok**Kedah Darul Aman**04-928 8756***ICC010** |
|  | ***TITLE OF PROPOSED INVENTION*/**TAJUK REKA CIPTA YANG DICADANGKAN |
|  |  |
|  | ***DETAILS OF INVENTOR***/MAKLUMAT PEREKA CIPTA |
| **i** |

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| *Name of Project Leader* Nama Ketua Projek:  |
| *Staff ID/*No.Per.  | *School*/Pusat Pengajian | *I/C No./*No. Kad Pengenalan |
| *Status/*Status (*Please Tick/*Sila Tanda (/)

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| --- | --- | --- |
| *Permanent/*Tetap |  | *Expected Retirement Date**/*Tarikh Jangka Pencen:  |
| *Contract/*Kontrak |  | *Contract Expiry Date/*Tarikh tamat kontrak: |

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| **ii** | ***Position (Please tick*** *√* ***)***Jawatan (Sila tanda √ )

|  |  |  |  |
| --- | --- | --- | --- |
|   | ***Professor/***Profesor |  | ***Associate. Prof.****/*Prof. Madya |
|  | ***Senior Lecturer/****Pensyarah Kanan* |  | ***Lecturer/***Pensyarah  |

 |
| **iii** | ***Mobile No./***No. Telelefon Bimbit |  | ***Office No./***Tel. Pej. |  |
| ***Email/***E-mel |  |
| **iv.** | **Name of Other Inventors (Max 5 inventors)**Nama ahli pereka cipta lain (Max 5 orang)

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| ***NO.*****BIL.** | ***NAME***NAMA | ***STAFF ID***NO. PER. | ***Please tick (√)one only***/Sila tandakan ***(√)*** | ***SIGNATURE***TANDA TANGAN |
| ***NEXT APPOINTED LEADER/*** KETUA GANTIAN | **MENTOR** |
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| **C** | **FIELD OF INVENTION** /BIDANG REKA CIPTA |
| **(i)** | ***Invention Category (Please Tick* √)**Kategori Reka Cipta (Sila tanda √)

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Science and Technology* |  | *Non Science and Technology* |

 |
| **(ii)** | ***Niche Area (Please tick √)***Bidang Tujahan (Sila tanda √)

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Leadership and Institutional Building* |  | *Law and Governance* |
|  | *Business Innovation and Entrepreneurship* |  | *International Relations and Regional Cooperation* |
|  | *Creative and Media Management* |  | *Smart Digital Opportunities* |
|  | *Economic and Financial Analysis and Policy* |  | *Community Development and Social Harmony* |

 |
| **(iii)** | ***National Priority Area (NPA) (Please tick √ one of the most relevant for this proposal)***Sektor Keutamaan Negara (Sila tanda √ satu sahaja yang paling berkaitan dengan kajian ini)

|  |  |
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|  | *Food Security/* Jaminan Makanan |
|  | *Healthcare and Medicine/* Penjagaan Kesihatan dan Perubatan |
|  | *Plantation Crops/* Tanaman Perladangan |
|  | *Transportation and Mobility/* Pengangkutan dan Mobiliti |
|  | *Water Security/* Jaminan Air |
|  | *Biodiversity/* Kepelbagaian Bio |
|  | *Energy Security/ Jaminan Tenaga* |
|  | *Cyber Security/Keselamatan Siber* |
|  | *Environmental and Climate Change/Alam Sekitar dan Perubahan Iklim* |

 |
| **(iv)** | ***Sustainable Development Goals* (SDGs) *(Please tick √ one of the most relevant for this proposal)***Matlamat Pembangunan Lestari (Sila tanda √ satu sahaja yang paling berkaitan dengan kajian ini)

|  |  |
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|  | *SDG1: No Poverty/Tiada Kemiskinan* |
|  | *SDG3: Good Health and Well-Being/* Kesihatan Baik dan Kesejahteraan |
|  | *SDG5: Gender Equality/ Kesaksamaan Gender* |
|  | *SDG9: Industry, Innovation and Infrastructure/Industri, Inovasi dan Infrastruktur* |
|  | *SDG13: Climate Action/ Tindakan Terhadap Iklim* |
|  | *SDG16: Peace, Justice and Strong Institutions/Keamanan,Keadilan dan Pemerkasaan Institusi*  |
|  | *SDG17: Partnerships For The Goals/Perkongsian Untuk Mencapai Matlamat* |

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| **(v)** | ***Duration (3 months):***Tempoh masa penyelidikan ini (3 bulan):

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| --- | --- | --- |
| ***Duration****/*Tempoh | : |  |
| ***From*/**Dari | : |  |
| ***To*/**Hingga | : |  |

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| **D** | ***INVENTION DETAILS*/**MAKLUMAT REKA CIPTA |
| **i.** | ***Invention* *Category***Kategori Reka Cipta ***(√ )***

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| **Device/apparatus**Perkakasan/peralatan |  | ***System/ Design*** Sistem / reka bentuk |  |
| ***Process/ Method*** Proses/Kaedah |  | ***Combination of existing technology*** Gabungan teknologi yang sedia ada |  |
| ***Improvement to an existing technology*** Penambahan ke atas teknologi sedia ada |  | ***New use/****Benda Baharu* |  |

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| **ii.** | ***Field of the Invention***Bidang reka cipta |
| **iii.** | ***Brief description of the invention***Penerangan ringkas berkaitan reka cipta |
| **iv.** | ***Full description of invention (Provide drawings and other materials (e.g. flow chart/diagram/graph/table) that help illustrate the description, if any)***Penerangan lengkap reka cipta (sila sertakan lukisan atau bahan-bahan berkaitan, cth: carta alir/diagram/graf /jadual) yang membantu ilustrasi penerangan berkaitan reka cipta  |
| **v.** | ***Please indicate the primary uses and applications of your invention and the potential application in other fields*** Nyatakan aplikasi/kegunaan reka cipta dan potensinya di dalam bidang yang lain |
| **vi.** | ***Please visit any ONE of the following websites for the purpose of Patent Search related to your invention. Indicate the keywords used for the search in the column below. The result of relevant Patent Search should be attached together with this form.*** Sila layari mana-mana SATU laman web berikut untuk Carian Paten yang berkaitan dengan reka cipta anda. Nyatakan kata kunci yang digunakan untuk carian tersebut dalam ruangan di bawah. Keputusan Carian Paten yang berkaitan perlu dilampirkan bersama dengan borang ini.  |
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| ***List of Website (√ )***Senarai laman web (√) |  | ***Keywords used for search*** Kata kunci yang digunakan untuk carian |
| 1. Google Patent Search

<https://www.google.com/?tbm=pts> |  |  |
| 1. The Lens: Patent Search

https://www.lens.org/ |  |  |
| 1. PatentScope, (WIPO)

<http://www.wipo.int/pctdb/en/> |  |  |

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| **vii.**  | ***Based on the Patent Search made, is there any earlier work of the same kind with your invention of which you know (Prior Art). If yes, please include details of that work and attach copies of relevant publications or search report.***berdasarkan Carian Paten, adakah terdapat mana-mana karya terdahulu yang sama seperti reka cipta anda yang anda ketahui (prior art). Sekiranya ya, sila sertakan perincian karya tersebut dan lampirkan salinan penerbitan atau laporan carian yang berkaitan. |
| **viii.** | ***Describe briefly the similarities (if any) and differences between the disclosed invention and closest-known technology based on:***Perihalkan secara ringkas persamaan (jika ada) dan perbezaan antara rekacipta yang dizahirkan dengan teknologi yang paling hampir yang diketahui berdasarkan:1. ***Similarities/***Persamaan:
2. ***Differences/Uniqueness/***Perbezaan/Keunikan:
3. ***Disadvantage of prior arts/***Kelemahan - karya terdahulu:
 |
| **x.** | ***Disclose clearly and concisely how your invention works so that it can be reproduced by person skilled in the art or working in the same technical field as your invention.***Zahirkan secara jelas dan lengkap bagaimana reka cipta anda berfungsi bagi membolehkan seseorang yang mahir dalam bidang atau bekerja dalam bidang teknikal yang sama dengan reka cipta anda dapat menghasilkan semula reka cipta tersebut. |
| **E.** | ***COMMERCIALISATION/***PENGKOMERSIALAN |
|  | ***Brief Description of Collaborator /***Penerangan Ringkas Mengenai Organisasi***(Please describe area/type of activity of the organisation/*** Sila nyatakan area / jenis aktiviti yang dijalankan oleh organisasi) |
|  | ***Proof of collaboration University-Organisation (ex: (LoI/MoA/RA/LoA/ToR))*** Bukti Kerjasama Universiti-Organisasi (cth: (LoI/MoA/RA/LoA/ToR))***(Please specify one of the examples above/***Sila nyatakan salah satu daripada contoh di atas***)*** |
|  | ***\*Please include a copy of Proof of collaboration University-Organisation/***Sila sertakan Salinan Bukti Kerjasama Universiti-Organisasi |
| **F** | ***BUDGET****/*BELANJAWAN |
|  | ***Please indicate your estimated budget for this research and details of expenditure according to the guidelines attached***Sila nyatakan anggaran belanjawan banda agi cadangan penyelidikan ini dan berikan butir–butir perbelanjaan dengan lengkap berdasarkan garis panduan yang disertakan  |
| ***BUDGET DETAILS***BUTIRAN BELANJAWAN | ***AMOUNT REQUESTED BY APPLICANT***JUMLAH YANG DIPOHON OLEH PEMOHON |
| **(i)** | **Vote 11000 -** ***Salary and******wages***Upah dan Elaun  | *Please specify* *the detail and breakdown of costs*Sila nyatakan kos secara lengkap dengan pecahannya sekali |
| **(ii)** | **Vote 21000 -** ***Travelling and Transportation***Perjalanan dan Pengangkutan | *Please specify* *the detail and breakdown of costs*Sila nyatakan secara lengkap dengan pecahannya sekali |
| **(iii)** | **Vote 23000 –** ***Communication and Utility***Komunikasi dan Utiliti | *Please specify the detail and breakdown of costs*Sila nyatakan secara lengkap dengan pecahannya sekali |
| **(iv)** | **Vot 24000*****Rental***Sewaan | *Please specify the detail and breakdown of costs*Sila nyatakan secara lengkap dengan pecahannya sekali |
| **(v)** | **Vote 27000 -** ***Research Materials & Supplies*** Bekalan dan Bahan Penyelidikan | *Please specify the detail and breakdown of costs*Sila nyatakan secara lengkap dengan pecahannya sekali |
| **(vi)** | **Vote 28000 –*****Maintenance and Minor Repair Services***Baik pulih kecil dan ubah suai | *Please specify the detail and breakdown of costs*Sila nyatakan secara lengkap dengan pecahannya sekali |
| **(vii)** | **Vote 29000 -** ***Other Services***Perkhidmatan ikhtisas, yuran latihan, penerbitan dan percetakan hospitaliti | *Please specify the detail and breakdown of costs*Sila nyatakan secara lengkap dengan pecahannya sekali**\*\* item wajib dimasukkan**1. **Yuran pemfailan paten RM380**
2. **Yuran latihan RM1000**
 |
| **(viii)** | **Vote 35000 -** ***Accessories and Equipment***Aksesori dan Peralatan | *Please specify the detail and breakdown of costs*Sila nyatakan secara lengkap dengan pecahannya sekali |
| ***TOTAL AMOUNT***JUMLAH BESAR |  |

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| **G** | ***DECLARATION BY INVENTOR***AKUAN PEREKA CIPTA |
|  | *Please tick (√)*/Sila tanda (√)*I hereby confess that :*Saya dengan ini mengaku bahawa :

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|  | 1. ***All information stated here are accurate, University has right to reject or to cancel the offer at any time without prior notice if there is any inaccurate information given.***

Semua maklumat yang dinyatakan di sini adalah benar, Universiti berhak menolak permohonan atau membatalkan tawaran pada bila-bila masa tanpa notis terlebih dahulu sekiranya keterangan yang dikemukakan adalah tidak benar. |
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|  | 1. ***The University reserves the right to reject this application if the application does not meet the requirements for a patent.***

Universiti berhak untuk menolak permohonan ini sekiranya permohonan ini tidak memenuhi keperluan untuk paten. |
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|  | 1. **This application has been presented at the School’s Innovation and Commercialisation Committee.**

Permohonan ini telah dibentangkan di hadapan Jawatankuasa Inovasi dan Pengkomersialan Pusat Pengajian (lampirkan borang penilaian) |

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| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** ***Inventor (Leader) Signature/*** Tandatangan Ketua Pereka Cipta | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*****Date***/Tarikh |

 |
| **H** | ***DECLARATION BY DEAN OF SCHOOL / DIRECTOR OF COE/ HEAD OF DEPARTMENT***AKUAN DEKAN PUSAT PENGAJIAN/ PENGARAH COE |
|  | ***Please tick (√)/***Sila tanda (√)

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|  | ***Recommended*/**Disokong |
|  |  |
|  | ***Not Recommended****/*Tidak Disokong |

***Comments* :**Ulasan *:***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| *Dean of School/Director of CoE/Head of Department Signature and Official Stamp*Tandatangan dan Cop Rasmi Dekan Pusat Pengajian/Pengarah CoE/Ketua PTJ | **:** |  | *Date/*Tarikh | **:** |  |

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