

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference SSU-0001	FOR FURTHER ACTION	See item 4 below
International application No. PCT/MY2014/000231	International filing date (<i>day/month/year</i>) 10 September 2014 (10.09.2014)	Priority date (<i>day/month/year</i>)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant SUPPIAH, Sivashanumugam		

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).																								
2.	This REPORT consists of a total of 5 sheets, including this cover sheet.																								
In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.																									
3.	<p>This report contains indications relating to the following items:</p> <table style="width: 100%;"> <tr> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 25%;">Box No. I</td> <td style="width: 70%;">Basis of the report</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input checked="" type="checkbox"/>	Box No. VIII	Certain observations on the international application
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4.	The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).																								

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Date of issuance of this report 14 March 2017 (14.03.2017)</td> </tr> <tr> <td style="padding: 5px;"> Authorized officer <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Kihwan Moon</div> </td> </tr> <tr> <td style="padding: 5px;">e-mail: pct.team1@wipo.int</td> </tr> </table>	Date of issuance of this report 14 March 2017 (14.03.2017)	Authorized officer <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Kihwan Moon</div>	e-mail: pct.team1@wipo.int
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e-mail: pct.team1@wipo.int				

From the
INTERNATIONAL SEARCHING AUTHORITY

No.55,Block Daya,The
Astaria,Taman Kosas,68000
Ampang,Selangor,Malaysia

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY
(PCT Rule 43*bis*.1)

Date of mailing
(day/month/year) 10.02.2015

Applicant's or agent's file reference
SSU-0001

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/MY2014/000231

International filing date (*day/month/year*)
10.09.2014

Priority date (*day/month/year*)

International Patent Classification (IPC) or both national classification and IPC
Int.Cl. H02K53/00 (2006.01) i, H02N11/00 (2006.01) i

Applicant
SUPPIAH, Sivashanumugam

1. This opinion contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the opinion |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Rule 43 <i>bis</i> .1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input checked="" type="checkbox"/> | Box No. VIII | Certain observations on the international application |

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

Date of completion of this opinion	02.02.2015
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Name and mailing address of the ISA/JIP

Japan Patent Office

3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan

Authorized officer

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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/MY2014/000231

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - ☒ the international application in the language in which it was filed.
 - ☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(b)).
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished:
 - a. (means)
 - ☐ on paper
 - ☐ in electronic form
 - b. (time)
 - ☐ in the international application as filed
 - ☐ together with the international application in electronic form
 - ☐ subsequently to this Authority for the purposes of search
4. ☐ In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/MY2014/000231

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-10	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-10	NO
Industrial applicability (IA)	Claims		YES
	Claims	1-10	NO

2. Citations and explanations:

- D1: JP 60-113678 A (KOHAMA, Hiroaki) 1985.06.20,
whole document, figures 1-2 (No Family)
- D2: JP 3-32379 A (TAKAHASHI, Katsuaki) 1991.02.12,
whole document, figures 1-3 (No Family)
- D3: US 2003/0234590 A1 (GITZEN, Christopher Mark) 2003.12.25,
paragraphs [0024], [0037], [0038], figures 1, 5 (No Family)

a. Inventive step

The subject matter of the claims 1 - 10 does not involve an inventive step over document D1 or D2 cited in the International Search Report (ISR) in view of document D3 cited in the ISR.

Claim 1-2, 4, 6-8

Adopting "set-screws", "ball bearings", "support frames" and "base" into D1 or D2 was a design step well within the grasp of a person of ordinary skill in the art.

Stainless steel, Mu metal, copper and aluminum are well known as non-magnetic and magnetic shielding material. For example, D3 (see paragraphs [0024], [0037], [0038]) disclosed aluminum and mumetal for a permanent magnet motor.

Claim 3, 5, 9-10

Adopting "rotor also acts as flywheel", "useful applications such as drive an electric generator" (see D2), "kick-start force", or "external brake" into D1 or D2 was a design step well within the grasp of a person of ordinary skill in the art.

b. Industrial applicability

The subject matter of the claims 1-10 does not have industrial applicability because the subject matter is perpetual motion which would be contrary to well-established physical laws such as "principle of conservation of energy" (see for instance the description, paragraphs [0001], [0003], [0013] or [0015]).

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/MY2014/000231

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

The alleged perpetual motion machine mentioned in the present application (see for instance the description, paragraphs [0001], [0003], [0013] or [0015]) cannot be carried out by a person skill in the art because the perpetual motion would be contrary to well-established physical laws such as "principle of conservation of energy".