

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:
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CENTRE FOR INTELLECTUAL PROPERTY
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Date of mailing
(day/month/year) 24-10-2019

Applicant's or agent's file reference
VIKAS

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/IN2019/050573

International filing date (day/month/year)
05-08-2019

Priority date (day/month/year)
23-08-2018

International Patent Classification (IPC) or both national classification and IPC
E04F10/00 Version=2019.01

Applicant
VIKAS SUKUMAR, GILLELA KRUPA

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

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- 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.

Name and mailing address of the ISA/
Indian Patent Office
Plot No. 32, Sector 14,
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Date of completion of this opinion
24-10-2019

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WRITTEN OPINION OF THE
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International application No.
PCT/IN2019/050573

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:
 - a. forming part of the international application as filed:
 - in the form of an Annex C/ST.25 text file.
 - on paper or in the form of an image file.
 - b. furnished together with the international application under PCT Rule 13*ter*.1(a) for the purposes of international search only in the form of an Annex C/ST.25 text file.
 - c. furnished subsequent to the international filing date for the purposes of international search only:
 - in the form of an Annex C/ST.25 text file (Rule 13*ter*.1(a)).
 - on paper or in the form of an image file (Rule 13*ter*.1(b) and Administrative Instructions, Section 713).
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 forming part of the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

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

1. Statement

Novelty (N)	Claims	<u>1-13</u>	YES
	Claims	<u>None</u>	NO
Inventive step (IS)	Claims	<u>1-13</u>	YES
	Claims	<u>None</u>	NO
Industrial applicability (IA)	Claims	<u>1-13</u>	YES
	Claims	<u>None</u>	NO

2. Citations and explanations:

Reference is made to the following documents:

D1: US6732018B2 (TURNILS AB) 04 May 2004 (04.05.2004)

D2: CN107575046A (CUI YUMING CAO LIXIN) 12 January 2018
(12.01.2018)

Novelty:

D1 considered to the closest prior art it discloses a retractable and extendable awning and control system for automatically extending and retracting the awning. a roller (5) adapted to be mounted for rotation, a fabric cloth (7) for winding about and unwinding from the roller (5). The awning also features a weather sensor unit (421) on its front bar in wireless communication with an indoor control unit (431). The weather sensor unit can detect excessive wind, mechanical shocks, sunlight, and rain. Power supply (975) for the sensor unit (421) circuitry is provided by a rechargeable battery or accumulator which is charged by a solar cell. (see abstract, claim 13 & claim 15)

But D1 failed to disclose following features of the present invention:-

1. Pole lighting setup with floodlight which provide support to hold transparent bubble sheet.
2. Reeling hook assembly

3. Gas pumping unit of hydrogen or helium gas

4. Transparent bubble sheet which is having an inner circle segment and outer circle segment.

Hence the subject-matter of claims 1-13 meets the requirements of Article 33(2) PCT.

Inventive step:

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Continuation of Citation and Explanation(Box5)

D2 discloses air inflation awning comprising an awning main body storage box, lifting assemblies (2), an expanding and storage assembly, a first ground fixing assembly (4), an awning main body assembly (5), an air pumping assembly (7), an air inflation assembly and a second ground fixing assembly (8). The awning main body assembly (5) comprises a plurality of airbags (9). the airbags matched with a site can be expanded in a large outdoor activity place according to the requirement of the size of the site; the air pumping assembly (7) and the air inflation assembly are used for conducting air pumping and air inflation on the airbags (9). The size of the air inflation awning can be adjusted according to the requirements. (see claim 1 & abstract as per English translation on Google patent)
As none of the single cited document or combination of documents D1 & D2 explain such a wind awning for the outdoor area, as cited document fails to explain-

1.Pole lighting setup with floodlight which provide support to hold transparent bubble sheet.

2.Reeling hook assembly

3.Transparent bubble sheet which is having an inner circle segment and outer circle segment.

Hence the subject matter of claims 1-13, which is having novelty as stated above, has an inventive step in the sense of Article 33 (3) of PCT.

Industrial Applicability:

The subject matter of claims 1- 13 is considered to have industrial applicability and therefore complies with the requirements of Article 33(4) of PCT.