

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DSS-PCT003	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/IB2016/050993	International filing date (<i>day/month/year</i>) 24-02-2016	(Earliest) Priority Date (<i>day/month/year</i>) 24-02-2016
Applicant DEVATHI, SRINIVAS S		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out 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)).

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (see Box No. II).

3. **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1A

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/050993

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Following are the group of inventions which are not related to

single general inventive concept and lacks unity of invention as per
Rules 13.1, 13.2 and 13.3 of PCT.

Group-1: 1-21,

Group-2: 22-33,

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-21

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/050993

A. CLASSIFICATION OF SUBJECT MATTER B60J10/00, F17C13/00 Version=2016.01		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) B60J, F17C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Patseer, IPO Internal Database		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US8910998B1 (Srinivas S. Devathi) December 16, 2014 Whole document, especially line number 57-67, Column-6; Figure 2-8B.	1-21
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
“A”	document defining the general state of the art which is not considered to be of particular relevance	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“E”	earlier application or patent but published on or after the international filing date	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“L”	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“O”	document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P”	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 28-06-2016		Date of mailing of the international search report 28-06-2016
Name and mailing address of the ISA/ Indian Patent Office Plot No.32, Sector 14, Dwarka, New Delhi-110075 Facsimile No.		Authorized officer Sagar B. Pol Telephone No. +91-1125300200

Continuation of Observations where unity of invention is lacking (Box III)

Group-3: 34-36,

Group-4: 37-38,

Group-5: 39-59,

Group-6: 60-71,

Group-7: 72-74,

Group-8: 75-76.

The feature "A vest which is foldable, stretchable and can be secured on exterior surface of object; fluid tight space is

maintained between surface of object and the vest" is the common technical feature among group of inventions mentioned above.

In view of document D1: US8910998B1 (Published on Dec 16, 2014) the said common technical feature is not novel. There is no special technical feature (STF) common to all the group of inventions. Hence, application lacks unity.

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To: DEVATHI, SRINIVAS S 63, 11TH B CROSS, 3RD MAIN, PRASHANTHNAGAR - 560 079 BANGALORE INDIA. , BANGALORE -560 079 INDIA
--

Date of mailing (day/month/year) 28-06-2016
--

Applicant's or agent's file reference DSS-PCT003	FOR FURTHER ACTION See paragraph 2 below
---	--

International application No. PCT/IB2016/050993	International filing date (day/month/year) 24-02-2016	Priority date (day/month/year) 24-02-2016
--	--	--

International Patent Classification (IPC) or both national classification and IPC B60J10/00,F17C13/00 Version=2016.01
--

Applicant DEVATHI, SRINIVAS S

<p>1. This opinion contains indications relating to the following items:</p> <ul style="list-style-type: none"> <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 checked="" type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> 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 <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application <p>2. FURTHER ACTION</p> <p>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.</p> <p>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.</p> <p>For further options, see Form PCT/ISA/220.</p>

Name and mailing address of the ISA/ Indian Patent Office Plot No. 32, Sector 14, Dwarka, New Delhi-110075 Facsimile No.	Date of completion of this opinion 28-06-2016	Authorized officer Sagar B. Pol Telephone No. +91-1125300200
--	--	--

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050993

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(a)).
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:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050993

Box No. IV Lack of unity of invention

1. In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has, within the applicable time limit:
- paid additional fees.
 - paid additional fees under protest and, where applicable, the protest fee.
 - paid additional fees under protest but the applicable protest fee was not paid.
 - not paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is
- complied with.
 - not complied with for the following reasons:
Following are the group of inventions which are not related to single general inventive concept and lacks unity of invention as per Rules 13.1, 13.2 and 13.3 of PCT.
- Group-1: 1-21,
Group-2: 22-33,
Group-3: 34-36,
Group-4: 37-38,
Group-5: 39-59,
Group-6: 60-71,
Group-7: 72-74,
Group-8: 75-76.
- The feature "A vest which is foldable, stretchable and can be secured on exterior surface of object; fluid tight space is maintained between surface of object and the vest" is the common technical feature among group of inventions mentioned above. In view of document D1: US8910998B1 (Published on Dec 16, 2014) the said common technical feature is not novel. There is no special technical feature (STF) common to all the group of inventions. Hence, application lacks unity.
4. Consequently, this opinion has been established in respect of the following parts of the international application:
- all parts.
 - the parts relating to claims Nos. 1-21

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/IB2016/050993

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		YES
	Claims	1-21	NO
Inventive step (IS)	Claims		YES
	Claims	1-21	NO
Industrial applicability (IA)	Claims	1-21	YES
	Claims		NO

2. Citations and explanations:

Reference is made to the following document:

D1: US8910998B1(Srinivas S. Devathi) December 16, 2014; Whole document, especially line number 57-67, Column-6; Figure 2-8B.
Novelty:

Regarding claims 1-21:

Document D1 discloses systems and methods for altering the appearance and/or texture of a vehicle surface that include installing a vest relative to a vehicle surface such that an exterior side of the vest, spaced from the vehicle surface, defines a fluid-tight space between the vehicle surface and the exterior side of the vest. Visual media can be provided into and from the fluid-tight space using one or more ports, the exterior side being at least partially transparent or translucent such that the visible media within the fluid-tight space are visible through the exterior side of the vest, thereby allowing the repeatable alteration of the appearance of the surface. Further, document discloses the various applications of embodied systems such as clothing, shoes, and/or other garments and accessories, mannequins, interior and/or exterior walls of houses and 60 other buildings and associated fixtures (e.g., cabinets, counters and other building infrastructure), vending machines (e.g., automatic teller machines, movie rental machines, machines for dispensing food and drink, etc.), electronic devices (e.g., laptop computers, tablets, cellular 65 telephones, and other handheld devices), appliances (e.g., refrigerators, washers, dryers, etc.), furniture of all types, and any other surface.

All the features of claims 1-21 are disclosed in document D1, therefore claims 1-21 are not novel and does not meet the requirement of novelty as defined in PCT Article 33(2).

Inventive Step

Regarding claims 1-21: Claims lack novelty and hence the subject matter of claims does not offer any acknowledgement for inventive step. Therefore, the subject matter of claims 1-21 lacks inventive step in the sense of Article 33(3) PCT.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050993

Supplemental Box

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

Continuation of:

Continuation of Citation and Explanation(Box5)

Industrial Applicability

The subject matter of claims 1-21 is considered to be industrially applicable and meet the requirements of Article 33(4) PCT.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DSS-PCT004	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/IB2016/050994	International filing date (<i>day/month/year</i>) 24-02-2016	(Earliest) Priority Date (<i>day/month/year</i>) 24-02-2016
Applicant DEVATHI, SRINIVAS S		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out 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)).

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (see Box No. II).

3. **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/050994

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Following are the group of inventions which are not related to single general inventive concept and lacks unity of invention as per Rules 13.1, 13.2 and 13.3 of PCT.

Group-1:1-21, Group-2:22-33,

Group-3:34-36, Group-4:37-38,

Group-5:39-59, Group-6:60-71,

Group-7:72-74, Group-8:75-76,

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
1-21, 77-97, 115-136
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/050994

A. CLASSIFICATION OF SUBJECT MATTER A47B96/20, B60R13/00 Version=2016.01		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) A47B96/20, B60R13/00		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Patseer, IPO Internal Database		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US8910998B1 (Srinivas S. Devathi) 16 December 2014 Whole document, especially lines 57-67, Column-6; Figures 2-8B.	1-21, 77- 97, 115-136
<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> See patent family annex.
* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
"P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 19-08-2016	Date of mailing of the international search report 19-08-2016	
Name and mailing address of the ISA/ Indian Patent Office Plot No.32, Sector 14, Dwarka, New Delhi-110075 Facsimile No.	Authorized officer Pratap Chandra Barad Telephone No. +91-1125300200	

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/IB2016/050994

Citation	Pub.Date	Family	Pub.Date
US 8910998 B1	16-12-2014	US 20150273564 A1	01-10-2015
		WO 2015147900 A1	01-10-2015

Continuation of Observations where unity of invention is lacking(Box III)

Group-9:77-97, Group-10:98-109,

Group-11:110-112, Group-12:113-114,

Group-13:115-136, Group-14:137-143.

The feature "A vest which is foldable, stretchable and can be secured on exterior surface of object; fluid tight space is maintained between surface of object and the vest" is the common technical feature among group of inventions mentioned above.

In view of document D1:US8910998B1 (Published on 16 December 2014) the said common technical feature is not novel. There is no special technical feature (STF) common to all the group of inventions. Hence,application lacks unity.

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To: DEVATHI, SRINIVAS S 63, 11TH B CROSS, 3RD MAIN, PRASHANTHNAGAR - 560 079 BANGALORE INDIA. , BANGALORE -560 079 INDIA
--

Date of mailing (day/month/year) 19-08-2016
--

Applicant's or agent's file reference DSS-PCT004	FOR FURTHER ACTION See paragraph 2 below
---	--

International application No. PCT/IB2016/050994	International filing date (day/month/year) 24-02-2016	Priority date (day/month/year) 24-02-2016
--	--	--

International Patent Classification (IPC) or both national classification and IPC A47B96/20,B60R13/00 Version=2016.01
--

Applicant DEVATHI, SRINIVAS S

<p>1. This opinion contains indications relating to the following items:</p> <ul style="list-style-type: none"> <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 checked="" type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> 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 <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application <p>2. FURTHER ACTION</p> <p>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.</p> <p>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.</p> <p>For further options, see Form PCT/ISA/220.</p>

Name and mailing address of the ISA/ Indian Patent Office Plot No. 32, Sector 14, Dwarka, New Delhi-110075 Facsimile No.	Date of completion of this opinion 19-08-2016	Authorized officer Pratap Chandra Barad Telephone No. +91-1125300200
--	--	--

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050994

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(a)).
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:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050994

Box No. IV Lack of unity of invention

1. In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has, within the applicable time limit:
- paid additional fees.
 - paid additional fees under protest and, where applicable, the protest fee.
 - paid additional fees under protest but the applicable protest fee was not paid.
 - not paid additional fees.

2. This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.

3. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is

complied with.

not complied with for the following reasons:

Following are the group of inventions which are not related to single general inventive concept and lacks unity of invention as per Rules 13.1, 13.2 and 13.3 of PCT.

Group-1: 1-21, Group-2: 22-33, Group-3: 34-36, Group-4: 37-38, Group-5: 39-59, Group-6: 60-71, Group-7: 72-74, Group-8: 75-76, Group-9: 77-97, Group-10: 98-109, Group-11: 110-112, Group-12: 113-114, Group-13: 115-136, Group-14: 137-143.

The feature "A vest which is foldable, stretchable and can be secured on exterior surface of object; fluid tight space is maintained between surface of object and the vest" is the common technical feature among group of inventions mentioned above.

In view of document D1:US8910998B1 (Published on 16 December 2014) the said common technical feature is not novel. There is no special technical feature (STF) common to all the group of inventions. Hence, application lacks unity.

4. Consequently, this opinion has been established in respect of the following parts of the international application:

all parts.

the parts relating to claims Nos. 1-21, 77-97, 115-136

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No. PCT/IB2016/050994
--

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>NONE</u>	YES
	Claims	<u>1-21, 77-97, 115-136</u>	NO
Inventive step (IS)	Claims	<u>NONE</u>	YES
	Claims	<u>1-21, 77-97, 115-136</u>	NO
Industrial applicability (IA)	Claims	<u>1-21, 77-97, 115-136</u>	YES
	Claims	<u>NONE</u>	NO

2. Citations and explanations:

Reference is made to the following document:

D1:US8910998B1 (Srinivas S. Devathi) 16 December 2014

Novelty:

Regarding claims 1-21, 77-97, 115-136 ;

Document D1 discloses systems and methods for altering the appearance and/or texture of a vehicle surface that include installing a vest relative to a vehicle surface such that an exterior side of the vest, spaced from the vehicle surface, defines a fluid-tight space between the vehicle surface and the exterior side of the vest. Visual media can be provided into and from the fluid-tight space using one or more ports, the exterior side being at least partially transparent or translucent such that the visible media within the fluid-tight space are visible through the exterior side of the vest, thereby allowing the repeatable alteration of the appearance of the surface. Further, document discloses the various applications of embodied systems such as clothing, shoes, and/or other garments and fashion accessories, mannequins, interior and/or exterior walls of houses and other buildings and associated fixtures (e.g., cabinets, counters and other building infrastructure), vending machines (e.g., automatic teller machines, movie rental machines, machines for dispensing food and drink, etc.), electronic devices (e.g., laptop computers, tablets, cellular telephones, and other handheld devices), appliances (e.g., refrigerators, washers, dryers, etc.), furniture of all types, and any other surface.

All the features of claims 1-21, 77-97, 115-136 are disclosed in document D1, therefore claims 1-21, 77-97, 115-136 are not novel and does not meet the requirement of novelty as defined in PCT Article 33(2).

Inventive Step

Claims 1-21, 77-97, 115-136 lack novelty and hence the subject matter of claims does not offer any acknowledgement for inventive step. Therefore, the subject matter of claims 1-21, 77-97, 115-136 lacks inventive step in the sense of Article 33(3) PCT.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050994

Supplemental Box

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

Continuation of:

Continuation of Citation and Explanation(Box5)

Industrial Applicability

The subject matter of claims 1-21,77-97,115-136 is considered to be industrially applicable and meet the requirements of Article 33(4) PCT.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DSS-PCT005	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/IB2016/050995	International filing date (<i>day/month/year</i>) 24-02-2016	(Earliest) Priority Date (<i>day/month/year</i>) 24-02-2016
Applicant DEVATHI, SRINIVAS S		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out 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)).

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (see Box No. II).

3. **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1B

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/050995

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Following are the group of inventions which are not related to

single general inventive concept and lacks unity of invention as per
Rules 13.1, 13.2 and 13.3 of PCT.

Group-1: 1-21,

Group-2: 22-33,

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-21

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/050995

A. CLASSIFICATION OF SUBJECT MATTER B60J10/00, F17C13/00 Version=2016.01		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) B60J, F17C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Patseer, IPO Internal Database		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US8910998B1 (Srinivas S. Devathi) December 16, 2014 Whole document	1-21
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
“A”	document defining the general state of the art which is not considered to be of particular relevance	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“E”	earlier application or patent but published on or after the international filing date	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“L”	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“O”	document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P”	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 16-08-2016		Date of mailing of the international search report 16-08-2016
Name and mailing address of the ISA/ Indian Patent Office Plot No.32, Sector 14, Dwarka, New Delhi-110075 Facsimile No.		Authorized officer Arun Kumar Pardhan Telephone No. +91-1125300200

Continuation of Observations where unity of invention is lacking (Box III)

Group-3: 34-36,

Group-4: 37-38,

Group-5: 39-59,

Group-6: 60-71,

Group-7: 72-74,

Group-8: 75-76.

The feature "A vest which is foldable, stretchable and can be secured on exterior surface of object; fluid tight space is maintained between surface of object and the vest" is the common technical feature among group of inventions mentioned above. In view of document D1: US8910998B1 (Published on Dec 16, 2014) the said common technical feature is not novel. There is no special technical feature (STF) common to all the group of inventions. Hence, application lacks unity.

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To: DEVATHI, SRINIVAS S 63, 11TH B CROSS, 3RD MAIN, PRASHANTHNAGAR - 560 079 BANGALORE INDIA. , BANGALORE -560 079 INDIA
--

Date of mailing (day/month/year) 16-08-2016
--

Applicant's or agent's file reference DSS-PCT005	FOR FURTHER ACTION See paragraph 2 below
---	--

International application No. PCT/IB2016/050995	International filing date (day/month/year) 24-02-2016	Priority date (day/month/year) 24-02-2016
--	--	--

International Patent Classification (IPC) or both national classification and IPC B60J10/00,F17C13/00 Version=2016.01
--

Applicant DEVATHI, SRINIVAS S

<p>1. This opinion contains indications relating to the following items:</p> <ul style="list-style-type: none"> <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 checked="" type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> 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 <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application <p>2. FURTHER ACTION</p> <p>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.</p> <p>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.</p> <p>For further options, see Form PCT/ISA/220.</p>

Name and mailing address of the ISA/ Indian Patent Office Plot No. 32, Sector 14, Dwarka, New Delhi-110075 Facsimile No.	Date of completion of this opinion 16-08-2016	Authorized officer Arun Kumar Pardhan Telephone No. +91-1125300200
--	--	--

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050995

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(a)).
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:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050995

Box No. IV Lack of unity of invention

1. In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has, within the applicable time limit:
- paid additional fees.
 - paid additional fees under protest and, where applicable, the protest fee.
 - paid additional fees under protest but the applicable protest fee was not paid.
 - not paid additional fees.

2. This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.

3. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is

complied with.

not complied with for the following reasons:

Following are the group of inventions which are not related to single general inventive concept and lacks unity of invention as per Rules 13.1, 13.2 and 13.3 of PCT.

Group-1: 1-21, Group-2: 22-33, Group-3: 34-36, Group-4: 37-38,
Group-5: 39-59, Group-6: 60-71, Group-7: 72-74, Group-8: 75-76.

The feature "A vest which is foldable, stretchable and can be secured on exterior surface of object; fluid tight space is maintained between surface of object and the vest" is the common technical feature among group of inventions mentioned above. In view of document D1: US8910998B1 (Published on Dec 16, 2014) the said common technical feature is not novel. There is no special technical feature (STF) common to all the group of inventions. Hence, application lacks unity.

4. Consequently, this opinion has been established in respect of the following parts of the international application:

all parts.

the parts relating to claims Nos. 1-21

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050995

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	_____	YES
	Claims	1-21	NO
Inventive step (IS)	Claims	_____	YES
	Claims	1-21	NO
Industrial applicability (IA)	Claims	1-21	YES
	Claims	_____	NO

2. Citations and explanations:

Reference is made to the following document:

D1: US8910998B1(Srinivas S. Devathi) December 16, 2014; Whole document.

Novelty:

Regarding claims 1-21: Document D1 discloses systems and methods for altering the appearance and/or texture of a vehicle surface that include installing a vest relative to a vehicle surface such that an exterior side of the vest, spaced from the vehicle surface, defines a fluid-tight space between the vehicle surface and the exterior side of the vest. Visual media can be provided into and from the fluid-tight space using one or more ports, the exterior side being at least partially transparent or translucent such that the visible media within the fluid-tight space are visible through the exterior side of the vest, thereby allowing the repeatable alteration of the appearance of the surface.

Further, document discloses the various applications of embodied systems such as clothing, shoes, and/or other garments and fashion accessories, mannequins, interior and/or exterior walls of houses and other buildings and associated fixtures (e.g., cabinets, counters and other building infrastructure), vending machines (e.g., automatic teller machines, movie rental machines, machines for dispensing food and drink, etc.), electronic devices (e.g., laptop computers, tablets, cellular telephones, and other handheld devices), appliances (e.g., refrigerators, washers, dryers, etc.), furniture of all types, and any other surface.

All the features of claims 1-21 are disclosed in document D1, therefore claims 1-21 are not novel and does not meet the requirement of novelty as defined in PCT Article 33(2).

Inventive Step

Regarding claims 1-21: Claims lack novelty and hence the subject matter of claims does not offer any acknowledgement for inventive step. Therefore, the subject matter of claims 1-21 lacks inventive step in the sense of Article 33(3) PCT.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050995

Supplemental Box

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

Continuation of:

Continuation of Citation and Explanation(Box5)

Industrial Applicability

The subject matter of claims 1-21 is considered to be industrially applicable and meet the requirements of Article 33(4) PCT.