PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference OSS-PCT003	FOR FURTHER ACTION as well	see Form PCT/ISA/220 as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/IB2016/050993	24-02-2016	24-02-2016
Applicant DEVATHI, SRINIVA		
according to Article 18. A copy is be This international search report consist	the prepared by this International Searching ing transmitted to the International Bureau. Its of a total of sheets. It a copy of each prior art document cited in this	
1. Basis of the report		
CANADA STORY CONTRACTOR AND	he international search was carried out on the b	pasis of:
the international a	oplication in the language in which it was filed.	
a translation of the	international application into	which is the language of
	hed for the purposes of international search (R	
	report has been established taking into account to this Authority under Rule 91 (Rule 43.6bis)	
c. With regard to any nucle	otide and/or amino acid sequence disclosed i	n the international application, see Box No. I.
2. Certain claims were for	and unsearchable (see Box No. II).	
3. Unity of invention is la	cking (see Box No. III).	
4. With regard to the title,		
the text is approved as s	abmitted by the applicant.	
the text has been established	shed by this Authority to read as follows:	
5. With regard to the abstract,		
the text is approved as s		it consers in Day No. IV. The applicant may
	hed, according to Rule 38.2, by this Authority a he date of mailing of this international search r	
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	e applicant.	
as selected by this	Authority, because the applicant failed to sugg	est a figure.
as selected by this	Authority, because this figure better characteri	zes the invention.
The state of the s	be published with the abstract.	

Form PCT/ISA/210 (first sheet) (January 2015)

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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:
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:
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,
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.

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2015)

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INTERNATIONAL SEARCH REPORT

International application No. PCT/IB2016/050993

	101/122010/00000		
A. CLASSIFICATION OF SUBJECT MATTER B60J10/00,F17C13/00 Version=2016.01			
According to International Patent Classification (IPC) or to both n	ational 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 ex	tent that such documents are included in the fields searched.		
Electronic data base consulted during the international search (name of Patseer, IPO Internal Database	f data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category* Citation of document, with indication, where a	ppropriate, of the relevant passages Relevant to claim No.		
X US8910998B1 (Srinivas S. Devat Whole document, especially li 57-67, Column-6; Figure 2-8B.	ine number		
Further documents are listed in the continuation of Box C.	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 "E" earlier application or patent but published on or after the international filing date "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) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	 the principle or theory underlying the invention "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 "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 		
Date of the actual completion of the international search	Date of mailing of the international search report		
28-06-2016	28-06-2016		
Name and mailing address of the ISA/	Authorized officer		
Indian Patent Office	Sagar B. Pol		
Plot No.32, Sector 14, Dwarka, New Delhi-110075 Facsimile No.	Telephone No. +91-1125300200		

Form PCT/ISA/210 (second sheet) (January 2015)

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INTERNATIONAL SEARCH REPORT

International application No. PCT/IB2016/050993

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.

Form PCT/ISA/210 (extra sheet) (January 2015)

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PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

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

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing (day/month/year) 28-06-2016 FOR FURTHER ACTION Applicant's or agent's file reference DSS-PCT003 See paragraph 2 below Priority date (day/month/year) International filing date (day/month/year) International application No. PCT/IB2016/050993 24-02-2016 24-02-2016 International Patent Classification (IPC) or both national classification and IPC B60J10/00,F17C13/00 Version=2016.01 Applicant. DEVATHI, SRINIVAS S

1.	This c	pinion contains	s indications relating to the following items:
	\boxtimes	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
	X	Box No. IV	Lack of unity of invention
***************************************	X	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.	FUR	THER ACTIO	N .
	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 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.		
9 appendix	a writ	ten reply togeth	provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA ter, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form one the expiration of 22 months from the priority date, whichever expires later.
	For fi	orther options, s	see Form PCT/ISA/220.

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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

Authorized officer

Sagar B. Pol
Telephone No. +91-1125300200

Form PCT/ISA/237 (cover sheet) (January 2015)

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050993

1. With regard to the language, this opinion has been established on the basis of:	translation
a translation of the international application into which is the language of a furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)). This opinion has been established taking into account the rectification of an obvious mistake authorized by or this Authority under Rule 91 (Rule 43bis.1(a)). With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this obeen 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 13ter.1(a) for the purposes of in	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 this Authority under Rule 91 (Rule 43bis.1(a)). 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this obeen 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 13ter.1(a) for the purposes of in	translation
this Authority under Rule 91 (Rule 43bis.1(a)). With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this obeen 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 13ter.1(a) for the purposes of in	(tansianon
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 13ter.1(a) for the purposes of in	r notified to
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 13ter.1(a) for the purposes of in	opinion has
on paper or in the form of an image file. b. furnished together with the international application under PCT Rule 13ter.1(a) for the purposes of in	
b. furnished together with the international application under PCT Rule 13ter.1(a) for the purposes of in	
b. furnished together with the international application under PCT Rule 13ter.1(a) for the purposes of in	
search only in the form of an Annox Cost 125 toxe 125.	nternational
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 13ter.1(a)).	
on paper or in the form of an image file (Rule 13ter.1(b) and Administrative Instructions, Section 21.1	ion 713).
statements that the information in the subsequent or additional copies is identical to that forming part of the apfiled or does not go beyond the application as filed, as appropriate, were furnished. 5. Additional comments:	

Form PCT/ISA/237 (Box No. I) (January 2015)

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IB2016/050993

Box No.	o. 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
Ц	complied with.
\boxtimes	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. Cor	nsequently, this opinion has been established in respect of the following parts of the international application:
	ail parts.
X	the parts relating to claims Nos. 1-21

Form PCT/ISA/237 (Box No. IV) (January 2015)

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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		YE
		Claims	1-21	NO.
	Inventive step (IS)	Claims		YE
		Claims	1-21	NO.
	Industrial applicability (IA)	Claims	1-21	YE
	7,1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Claims		NC NC

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 dispending 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.

Form PCT/ISA/237 (Box No. V) (January 2015)

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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 Citation and Explanation (Box5)

Industrial Applicability

Continuation of:

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

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PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference OSS-PCT004	FOR FURTHER ACTION as well	see Form PCT/ISA/220 as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/IB2016/050994	24-02-2016	24-02-2016
Applicant DEVATHI, SRINIVA		
according to Article 18. A copy is be This international search report consi-	oeen prepared by this International Searching ing transmitted to the International Bureau. sts of a total of sheets. y a copy of each prior art document cited in this	
Basis of the report With regard to the language	the international search was carried out on the	basis of:
	pplication in the language in which it was filed	
	e international application into	which is the language of
a translation furni	shed for the purposes of international search (R	
b. This international search authorized by or notified	h report has been established taking into acco I to this Authority under Rule 91 (Rule 43.6bis	unt the rectification of an obvious mistake (a)).
c. With regard to any nucl	eotide and/or amino acid sequence disclosed	in the international application, see Box No. I
2. Certain claims were fo	und unsearchable (see Box No. II).	
3. Unity of invention is la	cking (see Box No. III).	
4. With regard to the title,		
the text is approved as s	ubmitted by the applicant.	
the text has been establi	shed by this Authority to read as follows:	
5. With regard to the abstract,		
S MICH COMPANY AND ADDRESS OF THE PROPERTY OF	submitted by the applicant.	
the text has been established	shed, according to Rule 38.2, by this Authority a the date of mailing of this international search	is it appears in Box No. IV. The applicant may
6. With regard to the drawings,	and date of indining of this individual states.	
	be published with the abstract is Figure No.	1
as suggested by the		
	s Authority, because the applicant failed to sugg	gest a figure.
	s Authority, because this figure better character	

Form PCT/ISA/210 (first sheet) (January 2015)

Sed ...

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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:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
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,
As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
 As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
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 tiruely 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.

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2015)

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/050994

A. CLA: A47B96/	SSIFICATION OF SUBJECT MATTER 20,B60R13/00 Version=2016.01		
According to	International Patent Classification (IPC) or to both nat	tional classification and IPC	
	DS SEARCHED		
Minimum do	cumentation searched (classification system followed by c	lassification symbols)	
	20,B60R13/00		
Documentati	on searched other than minimum documentation to the ext	ent that such documents are included in the fields searched	
	ta base consulted during the international search (name of	data base and, where practicable, search terms used)	
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages Relevant to claim No.	
X	US8910998B1(Srinivas S. Devat 16 December 2014 Whole document, especially li 57-67, Column-6; Figures 2-8B.	97,115-136	
	er documents are listed in the continuation of Box C.	See patent family annex.	
ii	categories of cited documents:	"T' later document published after the international filing date or priority	
"A" docum	ent defining the general state of the art which is not considered f particular relevance	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 "X" document of particular relevance; the claime filing date "L" document which may throw doubts on priority claim(s) or which is step when the document is taken alone			
"O" docum	cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "O" document referring to an oral disclosure, use, exhibition or other means		
	ent published prior to the international filing date but later than crity date claimed	"&" document member of the same patent family	
_	actual completion of the international search	Date of mailing of the international search report 19-08-2016	
Name and	mailing address of the ISA/	Authorized officer	
Indian P	atent Office 32, Sector 14, Dwarka, New Delhi-110075	Pratap Chandra Barad Telephone No. +91-1125300200	

Form PCT/ISA/210 (second sheet) (January 2015)

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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

Form PCT/ISA/210 (patent family annex) (January 2015)

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INTERNATIONAL SEARCH REPORT

International application No. PCT/IB2016/050994

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.

Form PCT/ISA/210 (extra sheet) (January 2015)

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PATENT COOPERATION TREATY

From the

INTERNATIONAL SEARCHING AUTHORITY

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

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

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

Applicant's or agent's file reference
DSS-PCT004

International application No.
PCT/IB2016/050994

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

Applicant
DEVATHI, SRINIVAS S

1.	This c	s opinion contains indications relating to the following items:		
	X	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		Lack of unity of invention		
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step and industrial applications and explanations supporting such statement			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.	FURT	THER ACTIO	N	
	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 fu	erther options, s	ee Form PCT/ISA/220.	

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

Pratap Chandra Barad

Telephone No. +91-1125300200

Form PCT/ISA/237 (cover sheet) (January 2015)

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IB2016/050994

Box No.	I Basis of this opinion
1. Witi	n regard to the language, this opinion has been established on the basis of:
X	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 43bis.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 13ter.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 13ter.1(a)).
	on paper or in the form of an image file (Rule 13ter.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. Ad	iditional comments:

Form PCT/ISA/237 (Box No. 1) (January 2015)

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IB2016/050994

Box No. IV Lack of unity of invention
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. $1-21,77-97,115-136$

Form PCT/ISA/237 (Box No. IV) (January 2015)

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IB2016/050994

1. Statement			
Novelty (N)	Claims	NONE	YES
1101019 (21)	Claims	1-21,77-97,115-136	NO NO
Inventive step (IS)	Claims	NONE	YES
	Claims	1-21,77-97,115-136	NO
Industrial applicability (IA)	Claims	1-21,77-97,115-136	YES
	Claims	NONE -	NO 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.

Seal

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.

Form PCT/ISA/237 (Supplemental Box) (January 2015)

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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 as we	see Form PCT/ISA/220 as well as, where applicable, item 5 below.		
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/IB2016/050995	24-02-2016	24-02-2016		
Applicant DEVATHI, SRINIVA:	5 S			
according to Article 18. A copy is being This international search report consists	g transmitted to the International Bureau.	Authority and is transmitted to the applicant s report.		
a. With regard to the language, th	e international search was carried out on the	basis of:		
the international app	plication in the language in which it was filed			
a translation of the	international application intoentrolement intoentrolement international search (F	which is the language of		
The state of the s		ount the rectification of an obvious mistake		
	to this Authority under Rule 91 (Rule 43.6bis			
c. With regard to any nucleo	tide and/or amino acid sequence disclosed	in the international application, see Box No. I.		
2. Certain claims were four	nd unsearchable (see Box No. II).			
3. Unity of invention is lack	king (see Box No. III).			
4. With regard to the title,				
the text is approved as sul	omitted by the applicant.			
the text has been establish	ed by this Authority to read as follows:			
5. With regard to the abstract,				
the text is approved as sul	emitted by the applicant.			
	ed, according to Rule 38.2, by this Authority a e date of mailing of this international search	as it appears in Box No. IV. The applicant may, report, submit comments to this Authority.		
6. With regard to the drawings,				
a. the figure of the drawings to b	e published with the abstract is Figure No	1B		
as suggested by the	applicant.			
as selected by this	Authority, because the applicant failed to sug	gest a figure.		
as selected by this a	Authority, because this figure better character	izes the invention.		
b. none of the figures is to b	e published with the abstract.			

Form PCT/ISA/210 (first sheet) (January 2015)

S. B.

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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:
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,
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.

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2015)

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2016/050995

A. CLAS B60J10/	SSIFICATION OF SUBJECT MATTER 00,F17C13/00 Version=2016.01		
According to	International Patent Classification (IPC) or to both nati	ional classification and IPC	
B. FIEL	OS SEARCHED		
Minimum do	cumentation searched (classification system followed by cl	assification symbols)	
в60Ј, Е			•
Documentati	on searched other than minimum documentation to the exte	ent that such documents are included in the	fields searched
	ta base consulted during the international search (name of	data base and, where practicable, search te	rms used)
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.
X	US8910998B1 (Srinivas S. Devath	ni) December 16, 2014	1-21
* Specia "A" docum to be a "E" earlier filing "L" docum cited specia "O" docum means "P" docum the pr Date of the	nent which may throw doubts on priority claim(s) or which is to establish the publication date of another citation or other i reason (as specified) nent referring to an oral disclosure, use, exhibition or other interprise to the international filing date but later than tority date claimed actual completion of the international search	considered novel or cannot be consistent when the document is taken along the document is taken along the consistence to involve an inventive combined with one or more other such being obvious to a person skilled in the document member of the same patent. Date of mailing of the international search of the same patent. Authorized officer	ication but cited to understand invention invention cannot be idered to involve an inventive as claimed invention cannot be step when the document is a documents, such combination the art
Indian B	Patent Office 32, Sector 14, Dwarka, New Delhi-110075	Arun Kumar Pardhan Telephone No. +91-1125300200	

Form PCT/ISA/210 (second sheet) (January 2015)

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INTERNATIONAL SEARCH REPORT

International application No. PCT/IB2016/050995

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.

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PATENT COOPERATION TREATY

From the

INTERNATIONAL SEARCHING AUTHORITY

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

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

		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 24-02-2016	(day/month/year)	Priority date (day/month/year) 24-02-2016
International Patent Classification (IPC) B60J10/00,F17C13/00 Ve		tion and IPC	
Applicant DEVATHI, SRINIVA	S S		

This c	pinion contains	s indications relating to the following items:
\boxtimes	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
X	Box No. IV	Lack of unity of invention
X	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
FUR	THER ACTIO	N
Intern other	ational Prelimit than this one to	rnational preliminary examination is made, this opinion will be considered to be a written opinion of the nary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written national Searching Authority will not be so considered.
a writ	ten reply togeth	provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA er, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form are the expiration of 22 months from the priority date, whichever expires later.
For fu	orther options, s	ee Form PCT/ISA/220.
	FURT other copinic a writt PCT//	Box No. II Box No. II Box No. III Box No. IV Box No. VI Box No. VI Box No. VII Box No. VIII FURTHER ACTIO If a demand for international Preliminational Prelimination of this Internations of this Internation is, as partiten reply togeth PCT/ISA/220 or before

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
Authorized officer
Arun Kumar Pardhan
Telephone No. +91-1125300200

Form PCT/ISA/237 (cover sheet) (January 2015)

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/IB2016/050995

Box No.	Basis of this opinion
1. With	regard to the language, this opinion has been established on the basis of:
X	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 43bis.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 13ter.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 13ter.1(a)).
	on paper or in the form of an image file (Rule 13ter.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. Add	tional 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.
X	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.
Ξ	
4. Co	onsequently, this opinion has been established in respect of the following parts of the international application:
Г	all parts.
2	the parts relating to claims Nos. 1-21
	A

Form PCT/ISA/237 (Box No. IV) (January 2015)

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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 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.

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Annequel K-Page 28

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IB2016/050995

In case the space in an Continuation of:	y of th	e preceding box	es is n	ol sufficient.	
Continuation	of	Citation	and	Explanation (Box5)	

Industrial Applicability

Supplemental Box

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

Form PCT/ISA/237 (Supplemental Box) (January 2015)

This is the Annexure. K stated in the Affidavit of SRINIVAS. S. DEVATHI

M. S. BALLAL

Advocate & Notary (Govt. Of India) Reg. No. 2374, Bengaluru.