PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DSS-PCT003	FOR FURTHER ACTION as we	see Form PCT/ISA/220 Il 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, SRINIVAS	SS				
	g transmitted to the International Bureau.	Authority and is transmitted to the applicant			
yearneng .	copy of each prior art document cited in thi	s report.			
1. Basis of the report					
a. With regard to the language, the	e international search was carried out on the	basis of:			
the international app	lication in the language in which it was filed				
a translation of the in a translation furnishe	nternational application intoed for the purposes of international search (F	which is the language of tules 12.3(a) and 23.1(b)).			
	eport has been established taking into according this Authority under Rule 91 (Rule 43.6bis	ount the rectification of an obvious mistake (a)).			
c. With regard to any nucleot	ide and/or amino acid sequence disclosed	in the international application, see Box No. I.			
2. Certain claims were foun	d unsearchable (see Box No. II).				
3. Unity of invention is lack	ing (see Box No. III).				
4. With regard to the title ,	4. With regard to the title ,				
the text is approved as sub	mitted by the applicant.				
the text has been established	ed by this Authority to read as follows:				
5. With regard to the abstract,					
the text is approved as sub-	mitted by the applicant.				
	d, according to Rule 38.2, by this Authority a date of mailing of this international search i	s it appears in Box No. IV. The applicant may, eport, 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 a					
as selected by this A	uthority, because the applicant failed to sugg	est a figure.			
as selected by this A	uthority, because this figure better characteri	izes the invention.			
paramag	published with the abstract.				

Applicant's or agent's file reference

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This internation	nal search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	ns Nos.: use they relate to subject matter not required to be searched by this Authority, namely:
becar	ns Nos.: use they relate to parts of the international application that do not comply with the prescribed requirements to such an ut that no meaningful international search can be carried out, specifically:
E CHARACK	ns Nos.: ase 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 Internation Followin	nal Searching Authority found multiple inventions in this international application, as follows: g are the group of inventions which are not related to
single g	eneral 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 al	I required additional search fees were timely paid by the applicant, this international search report covers all searchable as.
i —	l searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of ional fees.
	nly some of the required additional search fees were timely paid by the applicant, this international search report covers those claims for which fees were paid, specifically claims Nos.:
	equired additional search fees were timely paid by the applicant. Consequently, this international search report is cted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Pro	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.

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. FIELD	DS SEARCHED				
Minimum doo	cumentation searched (classification system followed by	classif	ication symbols)		
в60Ј, F	17C				
Documentation	on searched other than minimum documentation to the ex	tent th	at such documents are included in the	fields searched	
Electronic dat	a base consulted during the international search (name o	f data l	pase and, where practicable, search tea	rms used)	
Patseer	, IPO Internal Database				
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	propri	ate, of the relevant passages	Relevant to claim No.	
X	US8910998B1(Srinivas S. Devat Whole document, especially li 57-67, Column-6; Figure 2-8B.			1-21	
Further	documents are listed in the continuation of Box C.		See patent family annex.		
"A" documer	categories of cited documents: at defining the general state of the art which is not considered particular relevance	"T"	later document published after the interdate and not in conflict with the applic the principle or theory underlying the i	ation but cited to understand	
	oplication or patent but published on or after the international	"X"	document of particular relevance; the considered novel or cannot be considered.	claimed invention cannot be	
"L" documer cited to	nt which may throw doubts on priority claim(s) or which is establish the publication date of another citation or other	"Y"	step when the document is taken alone document of particular relevance; the		
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other combined with combined win		considered to involve an inventive secondined with one or more other such of being obvious to a person skilled in the	tep when the document is ocuments, such combination		
"P" documer	nt published prior to the international filing date but later than ity date claimed	"&"	document member of the same patent t		
Date of the ac	ctual completion of the international search	Date	of mailing of the international search	ch report	
28-06-2016 28-06-2016					
Name and mailing address of the ISA/ Authoriz			orized officer	nanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunnanuunna	
Indian Patent Office Plot No.32, Sector 14, Dwarka, New Delhi-110075			Sagar B. Pol		
Facsimile No.		Telephone No +01-1125300200			

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.

application lacks unity.

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,

From the INTERNATIONAL SEARCHING AUTHORITY

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

PCT

PRASHANTHNAGAR - 560 079 BANGALORE INDIA., BANGALORE -560 079 INDIA		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43 <i>bis</i> .1)	
	***************************************	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. International filing date PCT/IB2016/050993 24-02-2016		(day/month/year)	Priority date (day/month/year) 24-02-2016
International Patent Classification (IPC) of B60J10/00, F17C13/00 Ve		tion and IPC	
Applicant DEVATHI, SRINIVAS	5 S	***************************************	
Box No. II Basis of the op Box No. II Priority Box No. III Non-establishm Box No. IV Lack of unity of Box No. V Reasoned state citations and estate cita	1. This opinion contains indications relating to the following items: Box No. I Basis of the opinion		

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

Бох	x No. 1	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.
	X	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.	Addi	itional comments:

Во	x No	IV Lack of unity of invention	
1.	\boxtimes	In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has, within the applicable time limit paid additional fees.	t:
		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 pay additional fees.	to
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.	
	\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.	C ₀	sequently, this opinion has been established in respect of the following parts of the international application: all parts. the parts relating to claims Nos. $1-21$	_

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

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.

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

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 121 is considered to be industrially applicable and meet the requirements of Article 33(4) PCT.

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DSS-PCT004	FOR FURTHER ACTION as	see Form PCT/ISA/220 well as, where applicable, item 5 below.			
International application No.	International filing date (day/month/yea	ar) (Earliest) Priority Date (day/month/year)			
PCT/IB2016/050994	24-02-2016	24-02-2016			
Applicant DEVATHI, SRINIVAS	SS				
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 of5 sheets. It is also accompanied by a copy of each prior art document cited in this report.					
1. Basis of the report	***************************************				
•	e international search was carried out on	the basis of:			
the international app	lication in the language in which it was f	iled.			
a translation of the in a translation furnishe	nternational application intoed for the purposes of international search	which is the language of h (Rules 12.3(a) and 23.1(b)).			
b. This international search r		account the rectification of an obvious mistake			
[•	sed in the international application, see Box No. I.			
2. Certain claims were found	d unsearchable (see Box No. II).				
3. Unity of invention is lack	ing (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 sub-	mitted by the applicant.				
		ty as it appears in Box No. IV. The applicant may, ch 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 a	applicant.				
DAMAGE PARTIES AND ADDRESS AND	uthority, because the applicant failed to s				
Processes processes	as selected by this Authority, because this figure better characterizes the invention.				
b none of the figures is to be	published with the abstract.				

Applicant's or agent's file reference

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This internation	nal search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	ns Nos.: use they relate to subject matter not required to be searched by this Authority, namely:
beca	ns Nos.: use they relate to parts of the international application that do not comply with the prescribed requirements to such an int that no meaningful international search can be carried out, specifically:
) Consessor	ms Nos.: use 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)
Followin general 13.1, 13	nal Searching Authority found multiple inventions in this international application, as follows: leg are the group of inventions which are not related to single inventive concept and lacks unity of invention as per Rules 3.2 and 13.3 of PCT. 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 al	Il required additional search fees were timely paid by the applicant, this international search report covers all searchable as.
,	ll searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of tional fees.
only	nly some of the required additional search fees were timely paid by the applicant, this international search report covers those claims for which fees were paid, specifically claims Nos.: $21,77-97,115-136$
	required additional search fees were timely paid by the applicant. Consequently, this international search report is icted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Pr	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 application No. PCT/IB2016/050994

Α.	CLASSIF	FICATION	1 OF S	UBJECT	MATTER	
A 4 7 1	B96/20	-B60R1	3/00	Versi	on=201	6 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

	Further documents are listed in the continuation of Box C.	See patent family annex.		
* "A"	Special categories of cited documents: 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 "L" document which may throw doubts on priority claim(s) or which is 		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		
"O"	cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means	considered to involve an inventive step when the document is	s	
"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		Date of mailing of the international search report		
19-08-2016		19-08-2016		
Name and mailing address of the ISA/		Authorized officer		
Indian Patent Office Plot No.32, Sector 14,Dwarka,New Delhi-110075		Pratap Chandra Barad		
1	imile No.	Telephone No. +91-1125300200		

Information on patent family members

			PCT/IB	2016/050994
Citation	Pub.Date	Family		Pub.Date
 US 8910998 B1	16-12-2014	US 20150273564 WO 2015147900	 l A1 A1	01-10-2015 01-10-2015

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.

From the INTERNATIONAL SEARCHING AUTHORITY

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

PCT

PRASHANTHNAGAR - 560 079 BANGALORE INDIA., BANGALORE -560 079 INDIA				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				FOR FURTHER	ACTION See paragraph 2 below		
£		nal application I 32016/050		International filing date 24-02-2016	(day/month/year)	Priority date (day/month/year) 24-02-2016	
				or both national classification=2016.01	ntion and IPC		
Apj	olicant	DEVATHI,	SRINIVAS	S S			
	77-1 ·		1° 1°	4. C 11	annonannonannonannonannonannonannonann		
1.	Inis	Box No. I		ating to the following ite	ms:		
***************************************			Basis of the op	лиюн			
		Box No. II	Priority				
		Box No. III			ard to novelty, inventi	ive step and industrial applicability	
		Box No. IV	Lack of unity of				
		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 docum	ents cited			
		Box No. VII	Certain defects	s in the international appl	ication		
	Box No. VIII Certain observations on the international application						
2. FURTHER ACTION							
	If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.						
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailin PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.					of 3 months from the date of mailing of Form		
	For further options, see Form PCT/ISA/220.						

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

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 the international application into translation of the international application are calculated 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 notified to this Nathority under Rule 91 (Rule 439/s.1(a)). 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	Box No. I	Basis of this opinion
the international application in the language in which it was filed. a translation of the international application into	1 With r	egard to the language this opinion has been established on the basis of
a translation of the international application into	physician	
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.	či	
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.		
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). 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.		
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:		a. forming part of the international application as filed:
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.
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.		on paper or in the form of an image file.
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). 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.	1	
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.	•	c. furnished subsequent to the international filing date for the purposes of international search only:
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.		in the form of an Annex C/ST.25 text file (Rule 13ter.1(a)).
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.		on paper or in the form of an image file (Rule 13 <i>ter</i> .1(b) and Administrative Instructions, Section 713).
	5	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.

Box	x 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,	Cor	nsequently, this opinion has been established in respect of the following parts of the international application: all parts.
	X	the parts relating to claims Nos. 1-21, 77-97, 115-136

International application No. PCT/IB2016/050994

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

Novelty (N)	Claims Claims	NONE 1-21,77-97,115-136	YES NO
Inventive step (IS)	Claims	NONE	YES

1-21,77-97,115-136 Industrial applicability (IA) Claims

Claims NONE

1-21,77-97,115-136

2. Citations and explanations:

Statement

Reference is made to the following document:

Claims

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.

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.

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 well	see Form PCT/ISA/220 as, where applicable, item 5 below.			
International application No.	International filing date (day/m	onth/year)	(Earliest) Priority Date (day/month/year)			
PCT/IB2016/050995	24-02-2016		24-02-2016			
Applicant DEVATHI, SRINIVAS	SS					
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 report.			
1. Basis of the report		***************************************				
a. With regard to the language, the	e international search was carried	out on the b	asis of:			
	lication in the language in which					
a translation of the in a translation furnishe	nternational application intoed for the purposes of internation	al search (Ru	which is the language of the standard which is the standard which			
b. This international search i		g into accou	ant the rectification of an obvious mistake			
c. With regard to any nucleo	tide and/or amino acid sequenc	e disclosed ir	n the international application, see Box No. I.			
2. Certain claims were foun	d unsearchable (see Box No. II)					
3. Unity of invention is lack	ing (see Box No. III).					
4. With regard to the title ,						
the text is approved as sub	mitted 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 sub	mitted by the applicant.					
			it appears in Box No. IV. The applicant may, port, submit comments to this Authority.			
6. With regard to the drawings ,						
a. the figure of the drawings to be	published with the abstract is Fi	gure No	1B			
as suggested by the a	applicant.					
as selected by this A	uthority, because the applicant fa	iled to sugge	est a figure.			
as selected by this A	uthority, because this figure bette	er characteriz	es the invention.			
b. none of the figures is to be	published with the abstract.					

Applicant's or agent's file reference

Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This internation	nal search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
	ns Nos.: use they relate to subject matter not required to be searched by this Authority, namely:
becar	ns Nos.: use they relate to parts of the international application that do not comply with the prescribed requirements to such an an at that no meaningful international search can be carried out, specifically:
E CHARACK	ns Nos.: use 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 Internation Followin	nal Searching Authority found multiple inventions in this international application, as follows: g are the group of inventions which are not related to
single g	eneral 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 al	I required additional search fees were timely paid by the applicant, this international search report covers all searchable as.
i —	l searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of ional fees.
	nly some of the required additional search fees were timely paid by the applicant, this international search report covers those claims for which fees were paid, specifically claims Nos.:
	equired additional search fees were timely paid by the applicant. Consequently, this international search report is cted to the invention first mentioned in the claims; it is covered by claims Nos.: 21
Remark on Pro	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.

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 ex	xtent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of	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 a	ppropriate, of the relevant passages Relevant to claim No.			
Whole document Whole document	chi) December 16, 2014 1-21			
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	the principle or theory underlying the invention			
 "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 	considered novel or cannot be considered to involve an inventive step when the document is taken alone			
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	considered to involve an inventive step when the document is			
"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	Date of mailing of the international search report			
16-08-2016	16-08-2016			
Name and mailing address of the ISA/	Authorized officer			
Indian Patent Office Plot No.32, Sector 14, Dwarka, New Delhi-110075	Arun Kumar Pardhan			
Facsimile No.	Telephone No. +91-1125300200			

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.

From the INTERNATIONAL SEARCHING AUTHORITY

To:		
DEVATHI,	SRINIVAS S	
63, 11TH	B CROSS, 3RD MAIN,	
PRASHANT	HNAGAR - 560 079 BANGALOR	E
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		FOR FURTHER ACTION	
DSS-PCT005		See paragraph 2 below	
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)
PCT/IB2016/050995 24-02-2016			24-02-2016
International Patent Classification (IPC) o	r both national classificat	ion and IPC	
B60J10/00 , F17C13/00 Ve	rsion=2016.01		
Applicant DEVATHI, SRINIVAS	SS		
	***************************************	*******************************	

1.	This c	s opinion contains 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			
	\boxtimes	Box No. V	Reasoned statement under Rule $43bis.1(a)(i)$ with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement			
		Box No. VI	Certain documents cited			
		Box No. VII	Certain defects in the international application			
		Box No. VIII	Certain observations on the international application			
2.	FURTHER ACTION					
	If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(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	urther options, s	ee Form PCT/ISA/220.			

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

Вох	No. l	Basis of this opinion
1	\\/;+1-	regard to the language, this opinion has been established on the book of
1.	AA 1011	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 <i>bis</i> .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.	Addi	itional comments:

Box 1	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 under protest and, where applicable, the protest fee.
	r	paid additional fees under protest but the applicable protest fee was not paid.
	Σ	not paid additional fees.
2.		is Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to additional fees.
3. Tl	nis Autl	sority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is
] co	nplied with.
Σ	Fc si	complied with for the following reasons: llowing are the group of inventions which are not related to ngle general inventive concept and lacks unity of invention as r Rules 13.1, 13.2 and 13.3 of PCT.
		oup-1: 1-21, Group-2: 22-33, Group-3: 34-36, Group-4: 37-38, oup-5: 39-59, Group-6: 60-71, Group-7: 72-74, Group-8: 75-76.
	se ma te ab 20 is	e feature "A vest which is foldable, stretchable and can be cured on exterior surface of object; fluid tight space is intained between surface of object and the vest" is the common chnical feature among group of inventions mentioned ove. In view of document D1: US8910998B1 (Published on Dec 16, 14) the said common technical feature is not novel. There no special technical feature (STF) common to all the group of ventions. Hence, application lacks unity.
4.	a	uently, this opinion has been established in respect of the following parts of the international application: ll parts. he parts relating to claims Nos. $1-21$

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

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.				