Form PTO-1595 (Rev. 03-11) OMB No. 0851-0027 (exp. 03/31/2012)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Offi
RECORDATION FOR	
PATENTS	3 ONLY
To the Director of the U.S. Palent and Trademark Office: Please	record the attached documents or the new address(es) below.
Name of conveying party(les):	2. Name and address of receiving party(ies)
Monika Bauer (01/04/2012), Arnaud Concord (01/25/2012),	Name: EADS Deutschland GmbH
Eike Langkabel (01/04/2012),	
Hans Luinge (02/15/2012), and Additional name(s) of conveying party(les) attached? X Yes No	Internal Address:
	Street Address:
3. Nature of conveyance/Execution Date(s):	Willy-Messerschmitt-Strasse
Execution Date(s): in parentheses after Inventor name X Assignment Merger Change of Name	VVIII)-10000013011111(I-O(10000
Security Agreement Joint Research Agreement	04-1
Government Interest Assignment	City; Ottobrunn
Executive Order 9424, Confirmatory License	State:
Other	Country: Germany Zip: 85521 Additional name(s) & address(es)
	attached? Yes X No
4. Application or patent number(s):	This document is being filed together with a new application.
A. Palent Application No.(s)	B. Patent No.(s)
13/288,544	
Additional numbers attached?	Yes X No
	hand hand
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Mitesh Mehta	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address; Atty. Dkt.: MAIWAL 3.9-054 CON	
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account
	Enclosed
	None required (government Interest not affecting title
Ole Months I.d.	
City: Westfield State: NJ zip: 07090	8. Payment Information
Phone Number: 908-654-5000	
Fax Number: 908-654-7866	Deposit Account Number 12-1095
Email Address: ataylor@ldlkm.com	Authorized User Name Mitesh Mehta
9. Signature:	
Signature	March 16, 2012
Mitesh Mehta - 67,352	Total number of pages including cover
Name of Person Staning	sheet, attachments, and documents:

1642709_1.doc

PATENT REEL: 027890 FRAME: 0979

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RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)			
Additional Conveyir	ng Party(ies)/Exe	ecution Date(s) (1. Continued):	
Georg Wachinger (12/2	23/2011)		
Additional Assigned	es (2. Continued)) :	
Assignee Name:	,		
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Assignee Name:		V 400 () ()	
Internal Address:			
Streel Address:			
City:	State:	Country:	Zip:
Assignee Name:			
Internal Address:			
Street Address:			
City:	State:	Country:	Zip:
Additional Application	ons and/or Pater	nts (4. Continued):	
Additional Patent Application 4A. Continued:		Additional Patent Numbers 4B. Continued:	
	Additional numbe	ers attached? Yes No	

2

Docket No.: 13/288,544

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	MAIWAL 3.9-054 CON	
	MINITANE 3:3-034 COM	
Whereas, I, Monika Bauer		
Wendenstr. 40: 15712 Koenigs Wusterhausen; GERMA	NY	
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in	
ADHESIVE COMPOSITION FOR DETACHABLE ADI	HESIVE BONDS AND MODIFICATION	
OF THE ENCAPSULATION MATERIALS FOR A PUR	RPOSEFUL ENERGY INPUT	
x for which an application for a United States Letters Pate	ent was filed on November 3, 2011	
Application Number 13/288,544		
for which an application for a United States Letters Pater	at was executed by me on	
	1	
for which an International Application was filed on	, as	
, designating the United	States	
And	otates,	
Whereas, EADS Deutschland GmbH		
a corporation of Germany herein referred to as "assignee" whos	e mailing address is	
Willy-Messerschmitt-Strasse; 85521 Ottobrunn, GERMANY		
And		
Whereas, Fraunhofer Gesellschaft Zur Förderung Der A	ngewandten Forschung E.V.	
a corporation of Germany herein referred to as "assignee" whose		
Hansastresse 27c; 80686 München, GERMANY		
are desirous of acquiring the entire right, title and interest in the	same;	
NOW, THEREFORE, in consideration of the sum of <u>one</u> is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all capplications and patents applied for or granted therefor in the said invention, including without limitation all applications and p the aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior trademarks is hereby authorized and requested to issue all passid assignee herein, as assignee of the entire interest it representatives, heirs and assigns do hereby agree and covena all original, divisional, continuation, reissue and other applications assignments thereof to said assignee or its assigns, to communknown to the undersigned respecting said improvements, whenever all rightful oaths, and to do generally everything necessary to a obtain patent protection for said improvements in all countries, that and paid by said assignee.	es of America and all other countries in and to said original, divisional, continuation, substitute or reissue. United States of America and all other countries, for latents for said invention claiming priority or benefit of and including all claims for damages by reason of past is own use and the use of its successors, assigns and prity or benefit and the Commissioner of Patents and latents on said improvements or resulting therefrom to herein; and the undersigned for me and my legal in without further remuneration, to execute and deliver lons for Letters Patent on said improvements and ell incate to said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make id assignee, its successors, assigns and nominees to	
And I do hereby authorize my attorneys to insert on this deed the when known.	e filling date and application number of said application	
Jan. 4th 7.012	MOn	
Date	Monika Bauer	
C- WW		
Witness		
C DREYER		
Typed Name of Witness		
x *Total of 5 forms are submitted.		

PATENT REEL: 027890 FRAME: 0981

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	MAIWAL 3.9-054 CON	
Whereas, I, Arnaud Concord		
Gabelsbergerstr. 34; 80333 Munich; GERMANY	,	
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in	
ADHESIVE COMPOSITION FOR DETACHABLE ADI	HESIVE BONDS AND MODIFICATION	
OF THE ENCAPSULATION MATERIALS FOR A PUR		
for which an application for a United States Letters Pate	ent was filed on November 3, 2011	
Application Number 13/288,544		
for which an application for a United States Letters Pater	nt was executed by me on,	
for which an International Application was filed on	as	
, designating the United	States.	
And		
Whereas, EADS Deutschland GmbH		
a corporation of <u>Germany</u> herein referred to as "assignee" whos	· · · · · · · · · · · · · · · · · · ·	
Willy-Messerschmitt-Strasse, 85521 Ottobrunn, GERMANY And	<u> </u>	
Whereas, Fraunhofer Gesellschaft Zur Förderung Der A	ingewandten Forschung E.V.	
a corporation of Germany herein referred to as "assignee" whose		
Hansastrasse 27c; 80686 München, GERMANY	<u>B 3999399</u>	
are desirous of acquiring the entire right, title and interest in the	same;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignse of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
when known.	te liling date and application flumber of said application	
25-01-2012	CAPACOL.	
Epete (20)	Arnaud Concord	
Witness		
Ginter Schnelder Typed Name of Witness		
i yped Name of Witness		
*Total of 5 forms are submitted	***	

PATENT REEL: 027890 FRAME: 0982

4501041145115	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	MAIWAL 3.9-054 CON	
Whereas, I, _Elke Langkabel	of	
Stefchensweg 7; 41844 Wegberg; GERMANY	· · · · · · · · · · · · · · · · · · ·	
hereafter referred to as assignor, have with others invented certain new and useful improvements in ADHESIVE COMPOSITION FOR DETACHABLE ADHESIVE BONDS AND MODIFICATION OF THE ENCAPSULATION MATERIALS FOR A PURPOSEFUL ENERGY INPUT		
x for which an application for a United States Letters Pat	ent was filed on November 3, 2011	
Application Number 13/288,544		
for which an application for a United States Letters Patel	nt was executed by me on	
for which an International Application was filed on	, as	
, designating the United	States.	
Whereas, <u>EADS Deutschland GmbH</u>		
a corporation of Germany herein referred to as "assignee" whose	e mailing address is	
Willy-Messerschmitt-Strasse, 85521 Ottobrunn, GERMANY		
And Whereas, Fraunhofer Gesellschaft Zur Förderung Der A	·	
Whereas, Fraunhofer Gesellschaft Zur Förderung Der A a corporation of Germany herein referred to as "assignee" whos	ngewandten Forschung E.V.	
Hansastrasse 27c; 80686 München, GERMANY	e malung address is	
are desirous of acquiring the entire right, title and interest in the	same;	
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and coverant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to ald assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses inc		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
Jan 4th 2012	Eike Langkabel	
Date ////////////////////////////////////	Eike Langkabel	
C-DREYER		
Typed Name of Witness		
x *Total of 5 forms are submitted.		

PATENT REEL: 027890 FRAME: 0983

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)	
AGGIGNMENT OF STIERT AFFEIGATION	MAIWAL 3,9-054 CON	
Whereas, I, Hans Luinge	of	
Jollystr. 13; 81545 Munich; GERMANY		
hereafter referred to as assignor, have with others invented certa ADHESIVE COMPOSITION FOR DETACHABLE ADI OF THE ENCAPSULATION MATERIALS FOR A PUR	IESIVE BONDS AND MODIFICATION	
X for which an application for a United States Letters Pate Application Number 13/288,544	ent was filed on November 3, 2011	
for which an application for a United States Letters Pater	it was executed by me on	
for which an International Application was filed on	, as	
, designating the United	States.	
Whereas EADS Deutschland GmbH		
a corporation of Germany herein referred to as "assignee" whose		
Willy-Messerschmitt-Strasse, 85521 Ottobrunn, GERMANY;		
And Whereas Fraunhofer Gesellechaft Zur Förderung Doc A	accomplete Passalan - PM	
Whereas, Fraunhofer Gesellschaft Zur Förderung Der Al a corporation of Germany herein referred to as "assignee" whose	e mailing address is	
Hansastrasse 27c; 80686 München, GERMANY	, maning address is	
are desirous of acquiring the entire right, title and interest in the s	ame;	
is acknowledged, and other good and valuable consideration, I assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all or applications and patents applied for or granted therefor in the U said invention, including without limitation all applications and patents aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all patents assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and covenant all original, divisional, continuation, reissue and other application assignments thereof to said assignee or its assigns, to commune known to the undersigned respecting said improvements, whene legal proceedings in which any of said applications or patents mall rightful oaths, and to do generally everything necessary to aid obtain patent protection for said improvements in all countries, the and paid by said assignee.	s of America and all other countries in and to said riginal, divisional, continuation, substitute or reissue Jnited States of America and all other countries, for atents for said invention claiming priority or benefit of d including all claims for damages by reason of past own use and the use of its successors, assigns and rity or benefit and the Commissioner of Patents and ents on said improvements or resulting therefrom to erein; and the undersigned for me and my legal t without further remuneration, to execute and deliver ns for Letters Patent on said improvements and all icate to said assignee or its representatives all facts ver requested, to testify in any interferences or other ay become involved, to sign all lawful papers, make assignee, its successors, assigns and nominees to be expenses incident to said applications to be borne	
And I do hereby authorize my attorneys to insert on this deed the when known.	filing date and application number of said application	
15/02/2072		
Date A SC 57 17 CM Witness MATTHIAS GEIST BECK	Hans Luinge	
Typed Name of Witness		
x *Total of 5 forms are submitted		

PATENT

REEL: 027890 FRAME: 0984

RECORDED: 03/16/2012

- 1	n		v	١
L	u	L	Κ	J

	Docket Mnunger (Obriguer)
ASSIGNMENT OF UTILITY APPLICATION	MAIWAL 3.9-054 CON
Whereas, I, Georg Wachinger	of
Am Wasen 2: 83026 Rosenheim; GERMANY	
hereafter referred to as assignor, have with others invented cert ADHESIVE COMPOSITION FOR DETACHABLE ADI OF THE ENCAPSULATION MATERIALS FOR A PULL	RPOSEFUL ENERGY INPUT
X for which an application for a United States Letters Pat	ent was filed on November 3, 2011
Application Number 13/288,544	
for which an application for a United States Letters Pate	
for which an International Application was filed on	, as
, designating the United	d States.
And Whereas, EADS Deutschland GmbH	
Whereas, <u>EADS Deutschland GmbH</u> a corporation of <u>Germany</u> herein referred to as "assignee" who	se malling address is
Willy-Messerschmitt-Strasse, 85521 Ottobrunn, GERMAN	Υ;
And	
Whereas Fraunhofer Gesellschaft Zur Förderung Der	Angewandten Forschung E.V.
a corporation of Germany herein referred to as "assignee" who	se mailing address ls
Hansastrasse 27c: 80886 München, GERMANY	
are destrous of acquiring the entire right, title and interest in the	e same;
is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Strinvention and the aforesald utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and the aforesaid utility application pursuant to any law or treaty, infringement with the right to sue for and collect the same for legal representatives, and including the right to claim such particles are the same for legal representatives, and including the right to claim such particles assignee herein, as assignee of the entire interest representatives, heirs and assignee of the entire interest representatives, heirs and assignee or its assigns, to common to the undersigned respecting said improvements, while a proceedings in which any of said applications or patent all rightful oaths, and to do generally everything necessary to obtain patent protection for said improvements in all countries and paid by said assignee.	original, divisional, continuation, substitute or reissue a United States of America and all other countries, for patents for said invention claiming priority or benefit of and including all claims for damages by reason of past its own use and the use of its successors, assigns and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal mant without further remuneration, to execute and deliver ations for Letters Patent on said improvements and all nunicate to said assignee or its representatives all facts snever requested, to testify in any interferences or other is may become involved, to sign all lawful papers, make a aid assignee, its successors, assigns and nominees to s, the expenses incident to said applications to be borne.
And I do hereby authorize my attorneys to insert on this deed when known.	the filing date and application number of said application.
23 12.11	Georg Wachinger
/ Date	Georg warminger
Witness	
HAWS LUINGE Typed Name of Witness	
for an analysis of the state of	· · · · · · · · · · · · · · · · · · ·
x Total of 5 forms are submitted.	

PATENT

REEL: 027890 FRAME: 0985