Form PTO-1595 (Rev. 03-11) OMB No. 0851-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FOR			
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.		
1. Name of conveying party(les):	2. Name and address of receiving party(ies)		
Dominique Placko (09/06/2012), Pierre-Yves Joubert (09/06/2012), and Alain Rivollet (09/06/2012)  Additional name(s) of conveying party(los) attached? Yes X No	Name: Centre National de la Recherche Scientifique (CNRS)  Internal Address:  Street Address:		
3. Nature of conveyance/Execution Date(s):  Execution Date(s): in parentheses after inventor name  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other	3, rue Michel Ange 75016 Paris FRANCE  City:		
4. Application or patent number(s):  A. Patent Application No.(s)  13/575,420  Additional numbers attached:	This document is being filed together with a new application.  B. Patent No.(s)  Yes X No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Thomas M. Palisi  LERNER, DAVID, LITTENBERG,  KRUMHOLZ & MENTLIK, LLP  Internal Address: Atty. Dkt.;	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Street Address: 600 South Avenue West	Authorized to be charged to deposit account     Enclosed     None required (government interest not affecting title)		
City: Westfield	8. Payment Information		
State: NJ Zip: 07090			
Phone Number: 908-654-5000			
Fax Number: 908-654-7866	Deposit Account Number 12-1095		
Email Address: ataylor@ldlkm.com	Authorized User Name Thomas M. Palisi		
9. Signature:  /Thomas M. Palisi/ Signature	September 25, 2012		
Thomas M. Palisi - 36,629  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:  4		

291-1127 LDOC

PATENT REEL: 029059 FRAME: 0122 LDLKM

→ USPTO ASSIGNMENT 🛭 003/005

	Docket Number (Optional)				
ASSIGNMENT OF UTILITY APPLICATION	REGIM 3.3-190				
Whereas I,Dominique Placko	of				
21 allée de la Tolson d'Or: 94000 Cretell: FRANCE					
hereafter referred to as assignor, have with others invented certain new and useful improvements in METHOD FOR ESTIMATING DEFECTS IN AN OBJECT AND DEVICE FOR IMPLEMENTING SAME					
x for which an application for a United States Letters Pate	ent was filed on July 26, 2012				
Application Number 13/575,420					
for which an application for a United States Letters Pater					
x for which an International Application was filed on	<u>December 28, 2010</u> , as				
PCT/EP2010/070818 , designating the United	PCT/EP2010/070818 , designating the United States.				
Whereas, Centre National de la Recherche Scientifique	(CNR\$)				
a corporation of France herein referred to as "assignee" whose	mailing address is				
3, rue Michel Ange; F-75016 Paris; FRANCE					
is desirous of acquiring the entire right, title and interest in the se	eme;				
NOW, THEREFORE, in consideration of the sum of gne is acknowledged, and other good and valuable consideration, assignes my entire right, title and interest for the United Statinvention and the aforesaid utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and githe aforesaid utility application pursuant to any law or treaty, a infringement with the right to sue for and collect the same for it legal representatives, and including the right to claim such pri Trademarks is hereby authorized and requested to issue all possid assignee herein, as assignee of the entire interest it representatives, heirs and assignee of the entire interest all original, divisional, continuation, release and other applications assignments thereof to said assignee or its assigns, to community to the undersigned respecting said improvements, where legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to a obtain patent protection for said improvements in all countries, and paid by said assignee.  And I do hereby authorize my attorneys to insert on this deed the	tes of America and all other countries in and to said original, divisional, continuation, substitute or relasus in United States of America and all other countries, for patents for abid invention claiming priority or benefit of and including all claims for damages by reason of past as own use and the use of its successors, sestions and ority or benefit and the Commissioner of Patents and alterity or benefit and the Commissioner of Patents and alterity or benefit and the Commissioner of Patents and alterity or benefit and the Commissioner of Patents and alterity, and the undersigned for me and my legal ant without further remuneration, to execute and delivertions for Letters Patent on said improvements and all unicate to said assignee or its representatives all facts never requested, to testify in any interferences or other may become involved, to sign all lawful papers, make ald assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne.				
And I do hereby authorize my attorneys to insert on this deed to when known.	te ming date and application ridingly of said application				
6 SEPTEMBRE 2012	A > 5				
Date	Dominique Placko				
- To					
Witness	•				
THICKY ROPE Typed Name of Witness					
The state of the s					

LD-513\

PATENT

REEL: 029059 FRAME: 0123

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	REGIM 3.3-190	
Whereas, I, Plerre-Yves Joubert	of	
19, rue de Bagneux: 92330 Soeaux; FRANCE		
hereafter referred to as assignor, have with others invented certain new and useful improvements in METHOD FOR ESTIMATING DEFECTS IN AN OBJECT AND DEVICE FOR IMPLEMENTING SAME:		
x for which an application for a United States Letters Petent was filed on		
Application Number 13/575,420 for which an application for a United States Letters Pater	nt was executed by me on	
x for which an International Application was filed on	1	
PCT/EP2010/070818 , designating the United	i States.	
And		
Whereas, Centre National de la Recherche Scientifique	(CNRS)	
a corporation of <u>France</u> herein referred to as "assignee" whose	malling address is	
3, rue Michel Ange: F-75016 Paris; FRANCE is desirous of acquiring the entire right, title and interest in the si	eme:	
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, assignee my entire right, tide and interest for the United Stati Invention 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 aforesald utility application pursuant to any law or treaty, a infringement with the right to sue for and collect the same for it tegal representatives, and including the right to claim such primarized in the right to claim such primarized and requested to issue all practices assignee herein, as assignee of the entire interest all original, divisional, continuation, reissue and other applications assignments thereof to said assignee or its assigns, to community to the undersigned respecting said improvements, where it is a patent is the interest of the continuation of the applications or patents all rightful calhs, and to do generally everything necessary to obtain patent protection for said improvements in all countries, and paid by said assignee.	les of America and all other countries in and to sell original, divisional, continuation, substitute or reissue. 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 paet is own use and the use of its successors, assigns and incity or benefit and the Commissioner of Patents and attents on said improvements or resulting therefrom to therein; and the undereigned for me and my legal and without further remuneration, to execute and deliver kions for Letters Patent on said improvements and all unicate to said assignee or lite representatives all facts mover requested, to teatify in any interferences or other may become involved, to sign all lawful papers, make all assignee, its euccessors, assigns and nominees to the expenses incident to said applications to be borne.	
And I do hereby authorize my attorneys to insert on this deed the when known.	•	
6/09/2012	Jouleuper	
Date	Plerre-Yves Joubert	
Witness THIEFER BARE		
Typed Name of Witness		

LDLKM

\*Total of 3 forms are submitted.

REEL: 029059 FRAME: 0124

is acknowledged, and other good and valuable consideration, I as assignor hereby self, assign and set over to a assignee my entire right, title and interest for the United States of America and all other countries in and to a invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reise applications and patents applied for or granted therefor in the United States of America and all other countries.	Docket Number (Optional)	
9. rue des picoleuses: 78350 Jouy En Josas: FRANCE hereafter referred to as assignor, have with others invented certain new and useful improvements in METHOD FOR ESTIMATING DEFECTS IN AN OBJECT AND DEVICE FOR IMPLEMENTING SAME  X for which an application for a United States Letters Patent was filed on July 26, 2012 Application Number 13/575,420  for which an application for a United States Letters Patent was executed by me on  X for which an international Application was filed on December 28, 2010 , as  PCT/EP2010/070818 , designating the United States.  And Whereas, Centre National de la Recherche Scientifique (CNRS) a corporation of France herein referred to as "assignee" whose mailing address is 3, rue Michel Ange; F-75016 Paris; FRANCE Is 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 when is acknowledged, and other good and valuable consideration, I as assignor hereby self, assign and set over to a assignee my entire right, title and interest for the United States of America and all other countries in and to sign applications and extensive and extensive to refere application and all original, divisional, continuation, substitute or reference applications and extensive and extensive the countries in and to see the substitute or reference applications and extensive and extensive the countries in the United States of America and all other countries.	ILITY APPLICATION REGIM 3.3-190	ASSIGN
the aforesald utility application pursuant to any law or treaty, and including all claims for damages by reason or provided included in the right to sue for and collect the same for its own use and the use of its successors, assigns a legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents or Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefore said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and assignments thereof to said assignee or its assigns; to communicate to said assignee or its representatives all faknown to the undersigned respecting said improvements, whenever requested, to testify in any interferences or of legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, may all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees obtain patent protection for said improvements in all countries, the expenses incident to said applications to be bound and to hereby authorize my attorneys to insert on this deed the filling date and application number of said applications.	of 350 Jouv En Joses: FRANCE, r. heve with others invented certain new and useful improvements in TING DEFECTS IN AN OBJECT AND DEVICE FOR IMPLEMENTING.  In for a United States Letters Patent was filed on July 26, 2012  13/575,420  In for a United States Letters Patent was executed by me on Ideal Application was filed on December 28, 2010, as designating the United States.  Ideal Recherche Scientifique (CNRS)  Ireferred to as "assignee" whose mailing address is 6 Paris; FRANCE registry, title and interest in the same; exation of the sum of Qng dollar (\$ 1,00 ), the receipt where odd and valuable consideration, I as assigner hereby sell, assign and set over to sale and interest for the United States of America and all other countries in and to sale interest for the United States of America and all other countries in and to sale in the continuation of the same of the great of the same of the United States of America and all other countries in and to sale for and collect the same for its own use and the use of its successor, assigns and and requested to issue all patents on said improvements or resulting therefrom all and requested to issue all patents on said improvements or resulting therefrom selding the right to claim such priority or benefit and the undersigned for me and my legges of the entire Interest therein; and the undersigned for me and my legges of the entire Interest therein; and the undersigned for me and my legges of the entire Interest therein; and the undersigned for me and my legges of the entire Interest therein; and sale undersigned for me and my legges of the entire Interest therein; and sale undersigned for me and my legges of the entire Interest therein; and sale undersigned for me and my legges of the entire Interest therein; and sale undersigned for me and my legges of the entire Interest therein; and sale undersigned for me and my legges of the entire Interest therein; and sale undersigned for me and my legges of the entire Interest therein; and sale undersigned for me and my legges of t	Whereas, I,  9. rue de hereafter refe METHO SAME  X for w Appl for w X for w Yer And Whereas, a corporation 3, rue Mills desirous of NOW, THER! Is acknowled; assignee my invention and assigneement legal represe Trademarks is said assignerepresentatival all original, d assignments known to the legal proceed all rightful oa obtain patent and paid by s And I do here
	A	And I do here when known.
Date Alain Rivollet		
Witness THISKEY BOCE Typed Name of Witness	ROCE	_

RECORDED: 09/25/2012

**REEL: 029059 FRAME: 0125**