# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6483871

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF INVENTOR'S NAME. previously recorded on Reel 054660 Frame 0420. Assignor(s) hereby confirms the SHOULD TAY, BENG KANG

## **CONVEYING PARTY DATA**

Name	Execution Date
PHILIPPE COQUET	08/23/2018
BENG KANG TAY	07/13/2018
MATHIEU COMETTO	07/17/2018
DOMINIQUE BAILLARGEAT	08/26/2018
STÉPHANE BILA	08/24/2018
KAMEL FRIGUI	08/24/2018
PHILIPPE FERRARI	10/22/2018
EMMANUEL PISTONO	10/27/2018
FLORENCE PODEVIN	07/20/2018

## **RECEIVING PARTY DATA**

Name:	THALES SOLUTIONS ASIA PTE LTD
Street Address:	21 CHANGI NORTH RISE
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	498788
Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Street Address:	3 RUE MICHEL ANGE
City:	PARIS CEDEX 16
State/Country:	FRANCE
Postal Code:	75794
Name:	UNIVERSITE GRENOBLES ALPES
Street Address:	621 AVENUE CENTRALE
City:	SAINT MARTIN D'HERES
State/Country:	FRANCE
Postal Code:	38400
Name:	L'INSTITUT POLYTECHNIQUE DE GRENOBLE
Street Address:	46 AVENUE FÉLIX VIALLET
City:	GRENOBLE
State/Country:	FRANCE
-	PATENT

**REEL: 054914 FRAME: 0408** 

506437104

Postal Code:	38000
Postal Code:	30000
Name:	UNIVERSITE DES SCIENCES ET TECHNOLOGIES DE LILLE 1
Street Address:	CITÉ SCIENTIFIQUE, UNIVERSITÉ LILLE 1
City:	VILLENEUVE D'ASCQ
State/Country:	FRANCE
Postal Code:	59655
Name:	UNIVERSITÉ DE LIMOGES
Street Address:	33 RUE FRANÇOIS MITTERRAND
City:	LIMOGES
State/Country:	FRANCE
Postal Code:	87000
Name:	NANYANG TECHNOLOGICAL UNIVERSITY
Street Address:	50 NANYANG AVENUE
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	639798

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16624067

### **CORRESPONDENCE DATA**

**Fax Number:** (937)449-6405

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 937-449-6400

Email: daytonipdocket@dinsmore.com
Correspondent Name: DINSMORE & SHOHL LLP

Address Line 1: FIFTH THIRD CENTER, ONE 1. SOUTH MAIN ST.

Address Line 2: SUITE 1300

Address Line 4: DAYTON, OHIO 45402

ATTORNEY DOCKET NUMBER:	TTE 0001 PA
NAME OF SUBMITTER:	JESSICA DESMARAIS
SIGNATURE:	/Jessica Desmarais/
DATE SIGNED:	01/07/2021

## **Total Attachments: 17**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CORRECTIONS TO TYPOGRAPHICAL ERRORS previously recorded on Reel 053941 Frame 0727. Assignor(s) hereby confirms the PTE LTD AND MITTERAND NOT MITERAND.

## **CONVEYING PARTY DATA**

Name	Execution Date
PHILIPPE COQUET	08/23/2018
TAY BENG KANG	07/13/2018
MATHIEU COMETTO	07/17/2018
DOMINIQUE BAILLARGEAT	08/26/2018
STÉPHANE BILA	08/24/2018
KAMEL FRIGUI	08/24/2018
PHILIPPE FERRARI	10/22/2018
EMMANUEL PISTONO	10/27/2018
FLORENCE PODEVIN	07/20/2018

## RECEIVING PARTY DATA

Name:	THALES SOLUTIONS ASIA PTE LTD
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Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Street Address:	3 RUE MICHEL ANGE
City:	PARIS CEDEX 16
State/Country:	FRANCE
Postal Code:	75794

Name:	UNIVERSITE GRENOBLES ALPES
Street Address:	621 AVENUE CENTRALE
City:	SAINT MARTIN D'HERES
State/Country:	FRANCE
Postal Code:	38400

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Name:	L'INSTITUT POLYTECHNIQUE DE GRENOBLE
Street Address:	46 AVENUE FÉLIX VIALLET
City:	GRENOBLE
State/Country:	FRANCE
Postal Code:	38000

Name:	UNIVERSITE DES SCIENCES ET TECHNOLOGIES DE LILLE 1
Street Address:	CITÉ SCIENTIFIQUE, UNIVERSITÉ LILLE 1
City:	VILLENEUVE D'ASCQ
State/Country:	FRANCE
Postal Code:	59655

Name:	UNIVERSITÉ DE LIMOGES	
Street Address:	33 RUE FRANÇOIS MITTERRAND	
City:	LIMOGES	
State/Country:	FRANCE	
Postal Code:	87000	

Name:	NANYANG TECHNOLOGICAL UNIVERSITY
Street Address:	50 NANYANG AVENUE
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	639798

### **PROPERTY NUMBERS Total: 1**

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### **CORRESPONDENCE DATA**

Fax Number:

(937)449-6405

Phone:

937-449-6400

Email:

daytonipdocket@dinsmore.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if

that is unsuccessful, it will be sent via US Mail.

Correspondent Name:

DINSMORE & SHOHL LLP FIFTH THIRD CENTER, ONE S. MAIN STREET

Address Line 1: Address Line 2:

**SUITE 1300** 

Address Line 4:

DAYTON, OHIO 45402

ATTORNEY DOCKET NUMBER:	TTE 0001 PA
NAME OF SUBMITTER:	JESSICA DESMARAIS
Signature:	/Jessica Desmarais/

Date: 12/09/2020 **Total Attachments: 17** source=2020-12-09 Corrective Assignment TTE0001PA#page1.tif source=2020-12-09 Corrective Assignment TTE0001PA#page2.tif source=2020-12-09 Corrective Assignment TTE0001PA#page3.tif source=2020-12-09 Corrective Assignment TTE0001PA#page4.tif source=2020-12-09 Corrective Assignment TTE0001PA#page5.tif source=2020-12-09 Corrective Assignment TTE0001PA#page6.tif source=2020-12-09 Corrective Assignment TTE0001PA#page7.tif source=2020-12-09 Corrective Assignment TTE0001PA#page8.tif source=2020-12-09 Corrective Assignment TTE0001PA#page9.tif source=2020-12-09 Corrective Assignment TTE0001PA#page10.tif source=2020-12-09 Corrective Assignment TTE0001PA#page11.tif source=2020-12-09 Corrective Assignment TTE0001PA#page12.tif source=2020-12-09 Corrective Assignment TTE0001PA#page13.tif source=2020-12-09 Corrective Assignment TTE0001PA#page14.tif source=2020-12-09 Corrective Assignment TTE0001PA#page15.tif source=2020-12-09 Corrective Assignment TTE0001PA#page16.tif source=2020-12-09 Corrective Assignment TTE0001PA#page17.tif RECEIPT INFORMATION **EPAS ID:** PAT6440597 12/09/2020 Receipt Date:

### ASSIGNMENT

WHEREAS, Philippe COQUET, a citizen of France, of c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798,

TAY Beng Kang, a citizen of Singapore, of c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798,

Mathieu COMETTO, a citizen of France, of c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798,

Dominique BAILLARGEAT, a citizen of France, of c/o XLIM, 123 avenue Albert Thomas, 87060 Limoges Cedex, France,

Stéphane BILA, a citizen of France, of c/o XLIM, 123 avenue Albert Thomas, 87060 Limoges Cedex, France,

Karnel FRIGUI, a citizen of France, of XLIM, 123 avenue Albert Thomas, 87060 Limoges Cedex, France,

Philippe FERRARI, a citizen of France, of c/o IMEP-LaHC, Site Minatec, 3 Parvis Louis Néel, CS 50257, 38016 Grenoble Cedex, France,

Emmanuel PISTONO, a citizen of France, of c/o IMEP-LaHC, Site Minatec, 3 Parvis Louis Néel, CS 50257, 38016 Grenoble Cedex, France, and

Florence PODEVIN, a citizen of France, of c/o IMEP-LaHC, Site Minatec, 3 Parvis Louis Néel, CS 50257, 38016 Grenoble Cedex, France

(hereinafter referred to as 'ASSIGNORS') have invented an improvement in INTERPOSER AND SUBSTRATE INCORPORATING SAME (file FP8460) and have executed a PCT application based thereon filed 23 May 2018 under application number PCT/SG2018/050251;

AND, WHEREAS, Thales Solutions Asia Pte Ltd, a company organized and existing under the laws of Singapore, of 21 Changi North Rise, Singapore 498788,

Centre National de la Recherche Scientifique, a company organized and existing under the laws of France, of 3 rue Michel Ange, 75794 Paris Cedex 16, France,

- UNIVERSITE GRENOBLES ALPES, a company organized and existing under the laws of France, of 621 Avenue Centrale, 38400 SAINT MARTIN D'HERES, France,
- L'INSTITUT POLYTECHNIQUE DE GRENOBLE, a company organized and existing under the laws of France, of 46, Avenue Félix Viallet, 38000, GRENOBLE, France,
- → UNIVERSITE DES SCIENCES ET TECHNOLOGIES DE LILLE 1, a company organized and
  existing under the laws of France, of Cité scientifique, Université Lille 1, 59655 VILLENEUVE
  D' ASCQ, France,

UNIVERSITÉ DE LIMOGES, a company organized and existing under the laws of France, of 33 rue François Mitterrand, 87000 LIMOGES, France, and

Nanyang Technolog University, a company organized arthreshing under the laws of Singapore, of 50 Nanyang. Avenue, Singapore 639798

(hereinafter referred to as ASSIGNEES) are desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one Singapore dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, ASSIGNORS have agreed to and do hereby sell, assign and transfer unto said ASSIGNEES the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said PCT application, any United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said PCT application or in whole or in part on said invention, any foreign applications based in whole or in part on said PCT application or in whole or in part on said invention, including the right to claim priority therefrom, and any right to priority claimed in said PCT application, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEES, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had no sale and assignment of said interest been made;

AND ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon any United States patent applications based in whole or in part on the aforesaid PCT application, or upon said invention or any part thereof, to said ASSIGNEES;

AND ASSIGNORS hereby jointly and severally agree for themselves and for their respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEES fully to secure to said ASSIGNEES its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

AND ASSIGNORS hereby jointly and severally covenant for themselves and their respective legal representatives that no right or license has been granted to make, use or sell said invention, to anyone except said ASSIGNEES, that prior to the execution of this agreement the right, title and interest in said invention had not been otherwise encumbered, and that no instrument will be executed in conflict herewith.

authorized representatives of ASSIGNEES.	, '
Name: Philippe COQUET Date: 2 3 August 2018	Witness: Wang Jianxiong
Name: TAY Beng Kang Date:	Witness:
Name: Mathieu COMETTO Date:	Witness:
Name: Dominique BAILLARGEAT Date:	Witness:
Name: Stéphane BILA Date:	Witness:
Name: Kamel FRIGUI Date:	Witness:
Name: Philippe FERRARI Date:	Witness:
Name: Emmanuel PISTONO Date:	Witness:

IN WITNESSETH thoreof this agreement has been executed by ASSIGNORS and duly

IN WITNESSETH thereof this agreement has been executed by ASSIGNORS and duly authorized represent. 3s of ASSIGNEES. Name: Philippe COQUET Witness: Date: Name: TAY Beng Kang Witness: Date: Name: Mathieu COMETTO Witness: Date: Name: Dominique BAILLARGEAT Witness: Date: Name: Stéphane BILA Witness: Date: Name: Kamel FRIGUI Witness: Date: Name: Philippe FERRARI Witness: Date:

Name: Emmanuel PISTONO

Date:

Witness:

Name: Philippe COQUET Date:	Witness:
Name: TAY Beng Kang Date:	Witness:
Name: Mathieu COMETTO Date: 17- July -Lall	Witness: Anne COMETTO
Name: Dominique BAILLARGEAT Date:	Witness:
Name: Stéphane BILA Date:	Witness:
Name: Kamel FRIGUI Date:	Witness:
Name: Philippe FERRARI Date:	Witness:
Name: Emmanuel PISTONO Date:	Witness:

authorized representative  $\widehat{\ \ } \cap$  ASSIGNEES.

authorized representa s of ASSIGNEES.	
Name: Philippe COQUET Date:	Witness:
Name: TAY Beng Kang Date:	Witness:
Name: Mathieu COMETTO Date:	Witness:
Name: Dominique BAILLARGEAT Date: Avyut 24, 2018	Witness: S. LEBRADO
Name: Stéphane BILA Date: August, 24, 2018	Schael Witness: S. (EBRAUD)
Name: Kamel FRIGUI Date: August, 24, 2018	SChoul Witness: S. LEBRAUD
Name: Philippe FERRARI Date:	Witness:
Name: Emmanuel PISTONO Date:	Witness:

willing self thereof this agreement has been executed by ASSIGNORS and duly

Name: Philippe COQUET Date:	Witness:
Name: TAY Beng Kang	Witness:
Date:	
Name: Mathieu COMETTO Date:	Witness
Name: Dominique BAILLARGEAT Date:	Witness:
Name: Stéphane BILA Date:	Witness:
Jame: Kamel FRIGUI Pate:	Witness:
ame: Philippe FERRARI ate: October, 22th, 2018	Witness:
ame: Emmanuel PISTONO ate:	Witness:

IN WITNESSETH thereof this agreement has been executed by ASSIGNORS and duly

authorized represent es of ASSIGNEES.

IN WITNESSETH thereof this agreement has been executed by ASSIGNORS and duly authorized representations of ASSIGNEES.

Name: Philippe COQUET Date:	Witness:
Name: TAY Beng Kang Date:	
Name: Mathieu COMETTO  Date:	Witness:
Name: Dominique BAILLARGEAT Date:	Witness:
Name: Stéphane BILA Date:	Witness:
Name: Kamel FRIGUI Date:	Witness:
Name: Philippe FERRARI Date:	Witness:
Name: Emmanuel PISTONO Date: 27 John 2018	Witness:

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Name: Florence PODEVIN	Witness: Yourn Miccoll
Date: 20 . 07 - 2018	16 (16) (16) King*
For and on behalf of Thales Solutions Asia	Pteltd
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Alama	
Name: Position:	Witness:
Date:	
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For and on behalf of Centre National De La	Recherche Scientifique
	The state of the s
Name:	NA (false of the false)
Position:	Witness:
Date:	•
For and on behalf of Universite Grenobles Al	pes
Name:	Witness:
Position:	VVIII 1000;
Date:	
For and on behalf of L'Institut Polytechnique i	De Grenoble
18	D
	<u> </u>
Name: Fre den: DUFOUR	Witness: 00101
Name: Frederic DUFOUR Position: vice Readed du Couret Sandfipe	Witness: BRIAN Antoine
Date: 49/04/2018	2016712019
State Co. A. J. Markovita	
For and on behalf of Universite Des Sciences	Et Technologies De Lille 1
	-
Name:	Witness:
Position:	vviiitess.
Date:	
~ ~ · · · · · ·	

Name: Florence PODEVIN Date:	Witness:	
For and on behalf of Thales Solutions Asia Pte Ltd		
Name: Herve Jarry Position: CTO & VP Technical Date: 26/07-12019	Witness Gan Yung Sze Innovation Director	
For and on behalf of Centre National De La Recherche Scientifique		
Name: Position: Date:	Witness:	
For and on behalf of Universite Grenobles Alpes		
Name: Position: Date:	Witness:	
For and on behalf of L'institut Polytechnique De Grenoble		
Name: Position: Date:	Witness:	
For and on behalf of Universite Des Sciences Et Technologies De Lille 1		
Name: Position:	Witness:	

Date:

Name: Florence PODEVIN Date:	Witness:
For and on behalf of Thales Solution	s Asia Pte Ltd
Name: Position: Date:	Witness:
For and on behalf of Centre National	De La Recherche Scientifique
DIRE-PRETI Name: DIRECTEOR ADJOINT Position: Date: 2 0 JUIL. 2018 GAVIE HAIMON	Witness: Marya ANS DUER  MINGRESSION OF MINGRESS
For and on behalf of Universite Grenc	obles Alpes
Name: Position: Date:	Witness:
or and on behalf of L'institut Polytech	nnique De Grenoble
lame: osition: rate:	Witness:
or and on behalf of Universite Des So	ciences Et Technologies De Lille 1

Name: Florence PODEVIN Date:	Witness:
For and on behalf of Thales Solutions As	sia Pte Ltd
Name: Position: Date:	Witness:
For and on behalf of Centre National De	La Recherche Scientifique
Name: Position: Date:	Witness:
For and on behalf of University Grenobles  White Pever  W	S Alpes  Withess:
For and on behalf of L'institut Polytechniq	ue De Grenoble
Name: Position: Date:	
For and on behalf of Universite Des Scien	ces Et Technologies De Lille 1
Name: Position: Date:	Witness:

For and on behalf ofiversité De Limoges	, 1
	A
Name: ALAIN CELERIER Position: PRESIDENT Date: 27 JUL. 2018	Witness: Alexis LABRUYERE
For and on behalf of Nanyang Technological Unive	ersity
Name: Position:	Witness:

Date:

Name:
Position:
Date:

For and on behalf of Université De Limoges

Witness:

Witness:

Witness:

Witness:

Witness:

Witness:

Name:
Position:

Dr. Lim Jui 17 JUL 2018

PATENT REEL: 054914 FRAME: 0427

**RECORDED: 01/07/2021** 

Date:

Chief Executive Officer reanyang Technological University - NTUitive Pte. Ltd.