

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5705417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	12/17/2005
CONVEYING PARTY DATA	
Name	Execution Date
PIERRE BONVALLAT	12/17/2005
GUY METRAL	01/23/2006
GAETAN PERRIER	01/19/2006
RECEIVING PARTY DATA	
Name:	3M INNOVATIVE PROPERTIES COMPANY
Street Address:	P.O. BOX 33427
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11782406
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	tmiller@wt-ip.com
Correspondent Name:	WITHROW & TERRANOVA PLLC
Address Line 1:	106 PINEDALE SPRINGS WAY
Address Line 4:	CARY, NORTH CAROLINA 27511
ATTORNEY DOCKET NUMBER:	HI18-536A
NAME OF SUBMITTER:	VINCENT K. GUSTAFSON
SIGNATURE:	/vincent k. gustafson/
DATE SIGNED:	09/06/2019
Total Attachments: 4	
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Case No.: 60265US003

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

**A CARRIER AND AN ASSEMBLY INCLUDING A CARRIER AND A TELECOMMUNICATIONS
MODULE**


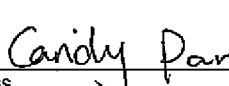
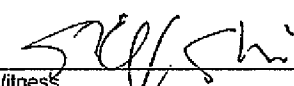
- ☐ for which an application for a United States Patent is being filed contemporaneously herewith;
☒ for which an application for a United States Patent identified as U.S. Patent Application No. 11/247400; was filed on October 11, 2005;
☐ which application is identified as PCT International Patent Application No. filed ;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Pierre		Family Name or Surname: Bonvallat	
Inventor's Signature: 		Date: 2005/12/17	
Residence: Shanghai, People's Republic of China		Country: People's Republic of China	Citizenship: France
Witness:  Caroly Pan		Witness:  506/5hi	

Given Name (first and middle [if any]): Guy	Family Name or Surname: Metral	
Inventor's Signature:	Date:	
Residence: Cluses, France	Country: France	Citizenship: France
_____ Witness		_____ Witness

Given Name (first and middle [if any]): Gaetan	Family Name or Surname: Perrier	
Inventor's Signature:	Date:	
Residence: Saint Jorioz, France	Country: France	Citizenship: France
_____ Witness		_____ Witness

Case No.: 60265US003

ASSIGNMENT OF APPLICATION

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**A CARRIER AND AN ASSEMBLY INCLUDING A CARRIER AND A TELECOMMUNICATIONS
MODULE**

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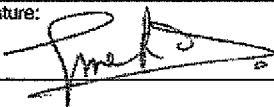
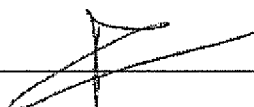
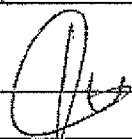
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;



I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

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Given Name (first and middle [if any]): Pierre		Family Name or Surname: Bonvallat	
Inventor's Signature:		Date:	
Residence: Shanghai, People's Republic of China	Country: People's Republic of China	Citizenship: France	
_____ Witness		_____ Witness	

Given Name (first and middle (if any)): Guy		Family Name or Surname: Metral	
Inventor's Signature: 		Date: 23.01.06.	
Residence: Cluses, France		Country: France	Citizenship: France
Witness: B. MARQUES 		Witness: X. FASCE 	

Given Name (first and middle (if any)): Gaetan		Family Name or Surname: Perrier	
Inventor's Signature: 		Date: 19/01/2006	
Residence: Saint Jorioz, France		Country: France	Citizenship: France
Witness: B. MARQUES 		Witness: X. FASCE 