

Case No.: 60264US010

ASSIGNMENT OF APPLICATION

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

TELECOMMUNICATIONS MODULE, COMBINATION OF A TELECOMMUNICATIONS MODULE
AND AT LEAST ONE SPLITTER CIRCUIT, AND ASSEMBLY OF AT LEAST TWO
TELECOMMUNICATIONS MODULES

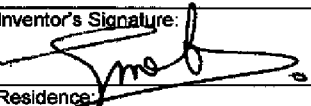

- for which an application for a United States Patent is being filed contemporaneously herewith;
- for which an application for a United States Patent identified as U.S. Patent Application No. ; was filed on ;
- which application is identified as PCT International Patent Application No. **PCT/US2005/041103**; filed **November 15, 2005**;

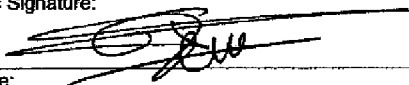

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office 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)): GUY	Family Name or Surname: METRAL	
Inventor's Signature: 	Date: 01 - 10 - 05 - 2007.	
Residence: Cluses	Country: France	Citizenship: France
Witness 	Witness Bernadette MARQUES	

Given Name (first and middle [if any]): GAETAN		Family Name or Surname: PERRIER	
Inventor's Signature: 		Date: 04/05/2007	
Residence: Cluses		Country: France	Citizenship: France
Witness 		Witness Bernadette MARQUES	

Given Name (first and middle [if any]): PIERRE		Family Name or Surname: BONVALLAT	
Inventor's Signature:		Date:	
Residence: Shanghai		Country: China	Citizenship: France
Witness		Witness	

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TELECOMMUNICATIONS MODULE, COMBINATION OF A TELECOMMUNICATIONS MODULE AND AT LEAST ONE SPLITTER CIRCUIT, AND ASSEMBLY OF AT LEAST TWO TELECOMMUNICATIONS MODULES

- 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. ; was filed on ;
- which application is identified as PCT International Patent Application No. **PCT/US2005/041103**; filed **November 15, 2005**;

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;

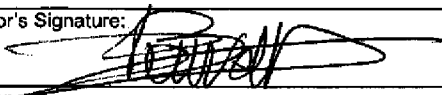
I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, 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]): GUY		Family Name or Surname: METRAL	
Inventor's Signature:		Date:	
Residence: Cluses	Country: France	Citizenship: France	
_____ Witness		_____ Witness	

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

Given Name (first and middle [if any]): PIERRE		Family Name or Surname: BONVALLAT	
Inventor's Signature: 		Date: 19 APRIL 2007	
Residence: Shanghai	Country: China	Citizenship: France	
_____ Candy Pan Witness		_____ Joseph Zhou Witness	