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PATENT :	Attorney Docket No. F40.12-0014			
To the Director of document or copy the control of the Director of the Directo	ffice: Please record the attached original			
1. Name of conveying party(ies) SEP 17 AM 10: 33 (1) Patrick Adde (2) Ramesh Pyndiah (3)  Additional name(s) of conveying party(ies) attached? [] Yes [X] No  9-17-63	2. Name and address of receiving party(ies):  Name: France Telecom Street Address: 6, Place d'Alleray, 75015 Paris, France  Name: Groupe Des Ecoles Des Telecommunications - Enst Bretagne Street Address: 46, rue Barrault, 75634 Paris Cedex 13, France			
	Additional name(s) & address(es) attached? [ ] Yes [X] No			
3. Nature of Conveyance:  [x] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other				
Execution Date: May 20, 2003				
4A. Application No.(s)	4B. Patent No.(s)			
If this document is being filed together with a new application, the execution date(s) of the Declaration of the application is:  Additional numbers attached? [] Yes [X] No	Additional numbers attached? [] Yes [X] No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]			
Name: Robert M. Angus Street Address: Westman, Champlin & Kelly, P.A  Suite 1600  International Centre  900 Second Avenue South City: Minneapolis State: MN ZIP 55402				
	7. Total fee (37 CFR 3.41):\$ 40.00			
/22/2003 DBYRNE 00000069 10416484 FC:8021 40.00 OP	8. Method of Payment [X] Enclosed [X] The Director is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 23-1123.			
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Robert M. Angus  Vame of Person Signing  Signature  Total number of pages submitted: [3]				

PATENT REEL: 014498 FRAME: 0799

## **ASSIGNMENT** (INTERNATIONAL APPLICATION)

F40.12-0014

WHEREAS, we, Patrick Adde of 4, rue Eugene Pottier, 29200 Brest, France; and Ramesh Pyndiah, of 6, allee Jakez Riou, 29280 Plouzane, France, have invented certain new and useful improvements as described in an international application entitled HIGH-SPEED MODULE, DEVICE AND METHOD FOR DECODING A CONCATENATED CODE for Letters Patent filed pursuant to the Patent Cooperation Treaty and designating the United States, the international application being identifiable in the French Receiving Office by Application No. PCT/FR01/03509, filed 9 November 2001 and/or the application in the United States being identifiable in the United States Patent and Trademark Office by ; and , filed Application No.

WHEREAS, France Telecom, a company organized and existing under the laws of France, and having offices at 6, Place d'Alleray, 75015 Paris, France, and Groupe Des Ecoles Des Telecommunications - Enst Bretagne, a company organized and existing under the laws of France, and having offices at 46, rue Barrault, 75634 Paris Cedex 13, France, ("Assignees") are desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection of the United States, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignees, their successors and assigns, my entire right, title and interest in and to the invention, the above-identified application in the United States, and all Letters Patent or similar legal protection issuing in the United States thereon; and I authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignees.

I represent to the Assignees, their successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignees, their successors and assigns, execute such additional writings and do such additional acts as the Assignees, their successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in the United States.

Patrick Adde

**PATENT** 

REEL: 014498 FRAME: 0800

Patrick ADDE
(Witness Signature)
(Date) 20-05-03
Hruse Eugena Polter
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Rame	<b>c</b> h	Pyndi	ah

Ramesh PYNDIAH

(Witness Printed Name)

(Witness Signature)

(Bate)

(Date)

(Date)

(Date)

(Pare Takez Riou

29280 PLOUZANÉ

FRANCE

(Witness Address)

Carole Usulay
16/05/2003 Justry
4, alléi de la frustimono
35170 forul
(witness address),

- 2 -

PATENT REEL: 014498 FRAME: 0801