ITU-T G. 997.1 - 120108

## Patent Statement and Licensing Declaration

This declaration does not represent an implied license grant

G997\_1-23

Please return to: Director Telecommunication Standardization Bureau International Telecommunication Union

Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5853

Patent Holder/Organ	nization:			
Legal Name Alcatel, 54, rue La Boétie, 75008 Paris, FRANCE				
Contact for license a	pplication:			
Name & Department	Ulrich Knecht, Intellectual Property Group			
Address	54, rue La Boétie			
	75008 PARIS - FRANCE			
Tel.	+33 1 4076 2863			
Fax	+33 1 4076 2880			
E-mail	Ulrich.Knecht@alcatel.com			
URL (optional)	www.alcatel.com			
ITU-T Recommenda	tion:			
Numher	G.997.1 - Version 2006 (ploam/VDSL2)			
Title	Physical layer management for digital subscriber line (DSL)			
	transceivers			
Licensing declaration				
The Patent Holder believes to hold granted patents and/or pending applications, whose use would be required to implement the above ITU-T Recommendation and hereby declares, in accordance with the Statement on ITU-T				
Patent Policy (see ITU	-T website), that (check one box only).			
1 The Patent Holder is prepared to grant – on the basis of reciprocity for the above ITU-T Recommendation – a free license to an unrestricted number of applicants on a worldwide, non- discriminatory basis and under other reasonable terms and conditions to make, use and sell implementations of the above ITU-T Recommendation.				
Negotiations	s are left to the parties concerned and are performed outside the ITU-T.			
Also mark here if the Patent Holder reserves the right to license on reasonable terms and conditions (but not for free) to applicants who are only willing to license their patent claims, whose use would be required to implement the above ITU-T Recommendation, on reasonable terms and conditions (but not for free).				
Recommend discriminato of the above	Patent Holder is prepared to grant – on the basis of reciprocity for the above ITU-T ation – a license to an unrestricted number of applicants on a worldwide, non- ry basis and on reasonable terms and conditions to make, use and sell implementations ITU-T Recommendation.			
	are left to the parties concerned and are performed outside the ITU-T.			
3 The above. In thi	Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 s case, the following information must be provided as part of this declaration:			
<ul> <li>patent re</li> </ul>	gistration/application number;			
	ation of which portions of the Recommendation are affected;			
<ul> <li>a descrip</li> </ul>	tion of the patent claims covering the Recommendation.			

<u>Free</u>: The word "free" does not mean that the Patent Holder is waiving all of its rights with respect to the essential patent. Rather, "free" refers to the issue of monetary compensation; *i.e.*, that the Patent Holder will not seek any monetary compensation as part of the licensing arrangement (whether such compensation is called a royalty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is committing to not charging any monetary amount, the Patent Holder is still entitled to require that the implementer of the ITU-T Recommendation sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, reciprocity, warrantics, etc.

<u>Reciprocity</u>: As used herein, the word "reciprocity" means that the Patent Holder shall only be required to license any prospective licensec if such prospective licensee will commit to license its essential patent(s) or essential patent claim(s) for implementation of the same ITU-T Recommendation for free or under reasonable terms and conditions.

-		
6	101	noturo
-	Ľ	nature
-	- 22	

olghatule	
Organization	Alcatel
Name of authorized person	Ulrich Knecht
Title of authorized person	Vice President Intellectual Property
Signature	11 Mudon
Place, Date	

FORM: 10 JULY 2004

ITU-T G. 997.1 - 120108

Patent Information (desired but not required)					
No.	Registration Number/ Country	Title/ Inventor	Status [grantcd/ pending]		
1	EP 0961437	METHOD FOR BIT ERROR RATE MEASUREMENTS IN A CELL- BASED TELECOMMUNICATION SYSTEM / HUYSMANS Marc/ DEFOORT Frank	pending		
2	DE 29825127.2 U	METHOD FOR BIT ERROR RATE MEASUREMENTS IN A CELL- BASED TELECOMMUNICATION SYSTEM / HUYSMANS Marc/ DEFOORT Frank	pending		
3	US 6,693,881	METHOD FOR BIT ERROR RATE MEASUREMENTS IN A CELL- BASED TELECOMMUNICATION SYSTEM / HUYSMANS Marc/ DEFOORT Frank	granted		