

Patent Statement and Licensing Declaration

(Typically one per ITU-T Recommendation)

This declaration does not represent an implied license grant

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/Organization:

Legal Name Alcatel, 54, rue La Boétie, 75008 Paris, FRANCE

Contact for license application:

Name & Department Ulrich Knecht, Intellectual Property Group

Address 5 rue Noel Pons

92734 Nanterre - FRANCE

Tel. +33 1 4652 4622

Fax +33 1 4652 4396

E-mail U.Knecht@alcatel.de

ITU-T Recommendation:

Number G.992.1 (07/99)

Title Asymmetrical digital subscriber line (ADSL) 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 web site), 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 to manufacture, use and/or sell implementations of the above ITU-T Recommendation.
- ☒ 2 The Patent Holder is prepared to grant – on the basis of reciprocity for the above ITU-T Recommendation – a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to manufacture, use and/ or sell implementations of the above ITU-T Recommendation.
Such negotiations are left to the parties concerned and are performed outside the ITU-T.
- ☐ 3 The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 above. In this case, the following information must be provided as part of this declaration:
- patent registration/application number;
 - an indication of which portions of the Recommendation are affected.
 - a description of the patent claims covering the Recommendation;

Signature

Organization Alcatel

Name of authorized person Ulrich Knecht

Title of authorized person Vice President Intellectual Property

Signature 

Place, Date Stuttgart, April 30, 2004

Patent Information (desired but not required)			
No.	Registration Number/ Country	Title/ Inventor	Status [granted/ pending]
1	EP 759665	Method for Interleaving Data Frames, Forward Error Correcting Device and Modulator Including Such a Device. / SPRUYT Paul	granted
2	IL 118919	Method for interleaving data bytes / SPRUYT Paul	granted
3	US 5,907,560	Method for Interleaving Data Frames, Forward Error Correcting Device and Modulator Including Such a Device. / SPRUYT Paul	granted
4	US 6,202,178	Method for Interleaving Data Frames, Forward Error Correcting Device and Modulator Including Such a Device. / SPRUYT Paul	granted