

Patent Statement and Licensing Declaration

This declaration does not represent an implied license grant

Please return to: Director
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International Telecommunication Union

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Patent Holder/Organization:

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ITU-T Recommendation:

Number G.993.2 AAP LC draft recommendation

Title Very high speed digital subscriber line 2

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).

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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 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).

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Negotiations are left to the parties concerned and are performed outside the ITU-T.

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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.

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Reciprocity: As used herein, the word “reciprocity” means that the Patent Holder shall only be required to license any prospective licensee 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.

Signature

Organization **Alcatel**

Name of authorized person **Ulrich Knecht**

Title of authorized person **Vice President Intellectual Property**

Signature

Place, Date **Stuttgart, October 28, 2005**

FORM: 10 JULY 2004

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Patent Information (desired but not required)			
No.	Registration Number/ Country	<i>Title/ Inventor</i>	Status [granted/ pending]
1	US 6,370,156	MODULATION/DEMODULATION OF A PILOT CARRIER, AND MEANS TO PERFORM THE MODULATION/DEMODULATION. / REUSENS Peter/ SPRUYT Paul/ VAN DER PUTTEN Frank	granted
2	US 6,912,233	MODULATION OF A PILOT CARRIER, AND MEANS TO PERFORM THIS MODULATION. / REUSENS Peter/ SPRUYT Paul/ VAN DER PUTTEN Frank	granted
3	US 2005-0123065	MODULATION OF A PILOT CARRIER, AND MEANS TO PERFORM THIS MODULATION. / REUSENS Peter/ SPRUYT Paul/ VAN DER PUTTEN Frank	pending