

## Patent Statement and Licensing Declaration

*This declaration does not represent an implied license grant*

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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.

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

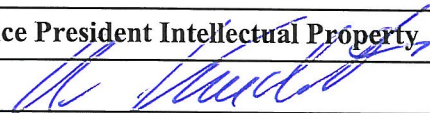
☐

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.

**Free:** 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, warranties, etc.

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**Signature**Organization AlcatelName of authorized person Ulrich KnechtTitle of authorized person Vice President Intellectual PropertySignature Place, Date Stuttgart, October 28, 2005

FORM: 10 JULY 2004

No.	Registration Number/ Country	<i>Title/ Inventor</i>	Status [granted/ pending]
1	AU 734451	Method of synchronizing data / SPRUYT Paul/ VAN DER PUTTEN Frank/ ADRIAENSEN Karel	granted
2	EP 0841766	Method to synchronise data transmission between a receiver and a transmitter / SPRUYT Paul/ VAN DER PUTTEN Frank/ ADRIAENSEN Karel	granted
3	IL 122048	Method to synchronise data and a transmitter and a receiver used therein / SPRUYT Paul/ VAN DER PUTTEN Frank/ ADRIAENSEN Karel	granted
4	JP 3429169	Method to synchronise data and a transmitter and a receiver used therein / SPRUYT Paul/ VAN DER PUTTEN Frank/ ADRIAENSEN Karel	granted
5	US 6,845,136	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD. / SPRUYT Paul/ VAN DER PUTTEN Frank/ ADRIAENSEN Karel	granted
6	US 2005-0169413	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD. . / SPRUYT Paul/ VAN DER PUTTEN Frank/ ADRIAENSEN Karel	pending
7	US 5,903,612	METHOD TO SYNCHRONIZE DATA AND A TRANSMITTER AND A RECEIVER REALIZING SAID METHOD. / SPRUYT Paul/ VAN DER PUTTEN Frank/ ADRIAENSEN Karel	granted