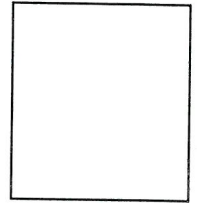


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Original - Cohen
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Telecommunication Standardization Bureau



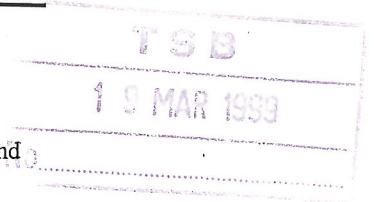
Patent Statement and Licensing Declaration

(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 VoCAL Technologies Ltd.

Contact for license application:

Name & Department _____

Address 200 John James Audubon Parkway

BUFFALO, NY 14228, USA

Tel. +1 716 688 4675

Fax +1 716 639 0713

E-mail victord@vocal.com

ITU-T Recommendation:

Number G.992.1

Title Asymmetrical Digital Subscriber Line (ADSL) Transceiver

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 TSB Patent Policy (WTSC 96, Resolution 1, Appendix I), 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.

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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;

Signature

Organization VoCAL Technologies Ltd.

Name of authorized person Victor Demjanenko

Title of authorized person Associate

Signature

Place, Date Buffalo, NY February 25th 1999