INTERNATIONAL TELECOMMUNICATION UNION

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:

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ITU-T Recommendation:	
Number G.691	
Title Optical Interfaces for Single Channel SDH System with Optical Amplifiers, and STM-64 Systems	
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 (WTSC 96, Resolution 1, Appendix I), that (check one box only).	Policy
1 The Patent Holder is prepared to grant - on the basis of reciprocity for the above ITU-T Recommendation - a <u>free</u> license to an unrestricted number of applicants on a worldwide, non-discriminate basis to manufacture, use and/or sell implementations of the above ITU-T Recommendation.	atory
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Such negotiations are left to the parties concerned and are performed outside the ITU-T.	
The Patent Holder is unwilling to grant licenses according to the provisions of either 1 or 2 about this case, the following information must be provided as part of this declaration:	ve. In
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 Intellectual Property Group, Hitachi, Ltd.	
Name of authorized person Yasuo Sakuta	
Title of authorized person Executive director	
Signature Yasakkalo.	
Place, Date Tokyo, April 21, 1999	

Patent Information (voluntary information) Status Registration Number/ Title/ Inventor No. [granted/pending] Country 5,875,046 / USA granted Optical Repeater and Optical Transmitter Optical Multiplex Transmission Equipment and Method granted 5,861,972 / USA