PATENT STATEMENT AND LICENSING DECLARATION FORM FOR ITU-T OR ITU-R RECOMMENDATION | ISO OR IEC DELIVERABLE



Director

(*)Title

Telecommunication

Place des Nations

Standardization Bureau

International Telecommunication



Secretary-General

CH-1211 Geneva 20

Standardization

International Organization for

1 chemin de la Voie-Creuse



General Secretary

3 rue de Varembé

CH-1211 Geneva 20

Commission

International Electrotechnical

Patent Statement and Licensing Declaration for ITU-T or ITU-R Recommendation | ISO or IEC Deliverable

This declaration does not represent an actual grant of a license

Please return to the relevant organization(s) as instructed below per document type:

Radiocommunication Bureau

International Telecommunication

Director

Union

Place des Nations

CH-1211 Geneva 20,

Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5853 Email: tsbdir@itu.int	CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5785 Email: <u>brmail@itu.int</u>	Switzerland Fax: +41 22 733 3430 Email: patent.statements@iso.org	Switzerland Fax: +41 22 919 0300 Bmail: inmail@iec.ch
Patent Holder:	**************************************		***************************************
Legal Name	Broadcom Corporation	ž.	
Contact for license	application:		
Name &			
Department			
	General Counsel, Legal Depa	artment	
Address	5300 California Ave		
	Irvine, CA 92617		
Tel.	(949) 926-7934		
Fax	(949) 926-9244		
E-mail	sso-support-list@broadcom.c	com	
URL (optional)	•		
Document type:			
* ITU-T Rec. (*)		ISO Deliverable (*)	IEC Deliverable (*)
please return the for	m to the relevant Organization	1)	
Common text	or twin text (ITU-T Rec. IS	OMEC Daltwarehla (*)) (for	common text or twin
	form to each of the three Org	` ' '	
	to vaca or and and or or	will 11 0-1, 100, 110	' /
ISO/IEC Deliv	erable (*) (for ISO/IEC Deliv	erables, please return the for	nn to both ISO and IEC)
*Mumber	ITILT Recommendation GO	971	

Physical Layer Management for Digital Subscriber Line Transceivers

The Pate would be	ag declaration: ent Holder believes that it holds granted and/or pending applications for Patents, the use of which required to implement the above document and hereby declares, in accordance with the Common policy for ITU-T/ITU-R/ISO/IEC, that (check one box only):
	1. The Patent Holder is prepared to grant a Free of Charge 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 document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. Also mark here if the Patent Holder's willingness to license is conditioned on Reciprocity for the above document. Also mark here if the Patent Holder reserves the right to license on reasonable terms and conditions (but not Free of Charge) to applicants who are only willing to license their Patent, whose use would be required to implement the above document, on reasonable terms and conditions (but not Free of Charge).
X	2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants of a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC. Also mark here vif the Patent Holder's willingness to license is conditioned on Reciprocity for the above document.
	3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above. In this case, the following information must be provided to ITU, and is strongly desired by ISO and IEC, as part of this declaration:

- a description of the Patents covering the above document.

Free of Charge: The words "Free of Charge" do not mean that the Patent Holder is waiving all of its rights with respect to the Patent. Rather, "Free of Charge" 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 same above document sign a license agreement that contains other reasonable terms and conditions such as those relating to governing law, field of use, warranties, etc.

granted patent number or patent application number (if pending); an indication of which portions of the above document are affected;

<u>Reciprocity</u>: 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 Patent(s) for implementation of the same above document Free of Charge or under reasonable terms and conditions.

Patent: The word "Patent" means those claims contained in and identified by patents, utility models and other similar statutory rights based on inventions (including applications for any of these) solely to the extent that any such claims are essential to the implementation of the same above document. Essential patents are patents that would be required to implement a specific Recommendation | Deliverable.

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if	Title
_	[granted ponding]		pending)	
1				
2				
3				
4				
5			1	
6				
7				
8		***************************************		
			í	,
9				
0				
]	Check here if additional pate	ent information is p	provided on additional pages.	

Signature (include on final	page only):	
Patent Holder	Broadcom Corporation	
Name of authorized person	Joseph Lee	
Title of authorized person	Assistant General Counsel	
Signature	Com Whee	
Place, Date	(2000 / OH 12/2/13	
FORM: 23 April 2012		***************************************

