Oct 27 04 05:29p

Ember Corporation

NECESSARY CLAIMS DECLARATION (APPLIES TO BOTH PROMOTER MEMBERS AND PARTICIPANTS)

Please return or FAX to:

Executive Director, ZigBec Alliance

c/o Global Inventures

2400 Camino Ramon, Suite 375 San Ramon, CA 94583 USA

PHONE (+1 925-275-6607) FAX (+1 925-275-6691)

Disclosure Period:

This Declaration is made in accordance with and subject to the ZigBee Alliance Intellectual Property Rights Policy

A. ZIGBEE ADOPTED SPECIFICATION	or ZIGBEE PROPOSED SPECIFICATION:
Number: <u>02130r8</u>	
Title: Network Specification (Revision 8, July 2	3, 2004)
B. MEMBER ORGANIZATION: Legal Name of Member Organization:	BER CORPORATION
If the Member is completing this Declaration to must provide the following information:	disclose Necessary Claims of an Affiliate or Non-Member, the Member
Legal Name of Affiliate or Non-Member	(check one):
	te or Non-Member (check one): Yes or No
C. CONTACT FOR LICENSE TERMS AN	D CONDITIONS:
Name of Organization: FHEER COR	PORATION
Name of Individual & Department: VENKAT	K. BAKL
Address: 243, CONGRESS SIRFET	BOSTON, LIA. 02210
Telephone: 617 951 1922 Fax: 60	BOSTON, UA. 02210 17951 0200 E-mail: Venkat Gember.com
D. POSITION REGARDING LICENSING	OF NECESSARY CLAIMS:
If the Member owns, has a right to, or is aware of application number and/or relevant claims.	f any Necessary Claims, please specify the patent number, patent
Patent/Patent application number(s):	(A) US Application S/N 10/457,205 (Pub. US-2004-0165532-A1) (B) PCT Application S/N US03/18000 (Pub. WO WO03/105356) (C) US Provisional App. S/N 60/546,048 (unpublished)
Relevant Claims:	(A) Claims 27 and 29-32 (B) Claims 27 and 29-32 (C) Claims 1-2, 8 and 13-14
Describe the nature, extent, and scope of	f the Necessary Claims (attach additional pages, if necessary):

Network Specification (Revision 8, July 23, 2004), Section 10.3, relates to routing according to link costs based on probability of packet delivery over particular links. More particularly, section 10.3.1 relates to use of average perframe Link Quality Indicator (LQI) values provided by the IEEE 802.15.4-2003 MAC and PHY layers as a basis for determining link costs. One or more of the relevant claims identified above, or other claims of the listed applications that are now pending or that may be introduced during prosecution of the listed applications or their continuations and/or national phase applications, would necessarily be infringed an implementation of the specification. For example, one or more of the claims relate to computing link costs according to radio transmission characteristics between nodes, and distributing link data characterizing link reliability between neighboring nodes.

With respect to licensing such Necessary Claims, Member declares as follows (check one box only):	
1. The Member is prepared to grant a Royalty Free License to the Alliance, Promoter Members and Participants.	
2. The Member will grant a fee-based license to the Alliance, Promoter Members and Participants on mutually acceptable terms and conditions to comply with the ZigBee Proposed Specification or Adopted Specification. (Member must provide the information requested in Attachment A to this Declaration)	
3. The Member disclosed the Necessary Claims of an Affiliate or Non-Member, but the Member is not authorized to grant licenses on behalf of such Affiliate or Non-Member according to the provisions of either 1 or 2 above.	.o
☐ 4. The Member is not aware of any Necessary Claims.	
E. SIGNATURE: Print name of authorized person: 1000 Miceli Title of authorized person: CFO Signature of authorized person: 2000 Miceli Date: 10/07/04	

Feb	ruary,	2004
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ZigBee-<doc#>

ATTACHMENT A

The information requested below is to be provided by any Member that checked Box 2 of Section D (Position Regarding Licensing of Necessary Claims) of the Necessary Claims Declaration:

l disclose all portion(s) of the Proposed Specifications which involve any Neclimitation, any Necessary Claims of an Affiliate or a Non-Member).	
I disclose any terms and conditions applicable to the license of any Necessary on, any Necessary Claims of an Affiliate or a Non-Member).	, Clair