

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

Please return or FAX to: Executive Director, ZigBee 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:
_____ to _____

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: 02130r9
Title: Network Layer Specifications

B. MEMBER ORGANIZATION:

Legal Name of Member Organization: Samsung Electronics Co., Ltd.

If the Member is completing this Declaration to disclose Necessary Claims of an Affiliate or Non-Member, the Member must provide the following information:

Legal Name of Affiliate or Non-Member (check one):
Member is authorized to act on behalf of Affiliate or Non-Member (check one): Yes or No

C. CONTACT FOR LICENSE TERMS AND CONDITIONS:

Name of Organization: Samsung Advanced Institute of Technology
Name of Individual & Department: Kisoo Chang, Communication & Network Lab
Address: San.14-1, Nongseo-Ri, Giheung-Eup, Yongin-Si, Gyeonggi-Do, 449-712, Korea
Telephone: +82-31-280-9550 Fax: +82-31-280-9587 E-mail: kschang@samsung.com

D. POSITION REGARDING LICENSING OF NECESSARY CLAIMS:

If the Member owns, has a right to, or is aware of any Necessary Claims, please specify the patent number, patent application number and/or relevant claims.

Patent/Patent application number(s): 10/882,808, 10/841477, 11/838798(USA), P2004-0084300(KOREA)

Relevant Claims: _____

Describe the nature, extent, and scope of the Necessary Claims (attach additional pages, if necessary):

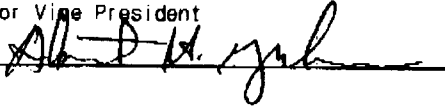
With respect to licensing such Necessary Claims, Member declares as follows (check one box only):

- 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.
- 4. The Member is not aware of any Necessary Claims.

E. SIGNATURE:

Print name of authorized person: Albert Yuhan

Title of authorized person: Senior Vice President

Signature of authorized person:  Date: 27. Oct. 2004

February, 2004

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:

- 1. The Member shall disclose all portion(s) of the Proposed Specifications which involve any Necessary Claims (including without limitation, any Necessary Claims of an Affiliate or a Non-Member).

- 2. The Member shall disclose any terms and conditions applicable to the license of any Necessary Claims (including without limitation, any Necessary Claims of an Affiliate or a Non-Member).

10/882.808, 10/841477, 10/838298(USA), P2004-0084309(KOREA)

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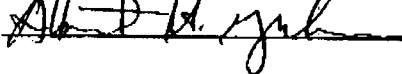
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Title of authorized person: Senior Vice President

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