Form Approved by ZigBee Alliance - __Fcb_, 2004

30390093

Version 1.0

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

| Please r | eturn or FAX to: | Executive Director, ZigBee A. c/o Global Inventures 2400 Camino Ramon, Suite 3: San Ramon, CA 94583 USA PHONE (+1 925-275-6607) | 75 | Disclosure Period: |
|---|--|--|---|--|
| This | Declaration is made. | n accordance with and subject | to the ZigBee Alliance Inte | ellectual Property Rights Policy. |
| Number Title: N B. ME Legal N If the M must pro Legal N Membe C. CO Name o | etwork Layer Specific EMBER ORGANIZATION of Member Organization: Samsific Contracts of the Contract of Contrac | ATION: Inization: Samsung Electronics of this Declaration to disclose Nectormation: In Mon-Member (check one): In behalf or Affiliate or Non-Money and Conditions INSETERMS AND CONDITIONS AND Advanced Institute of Techniques Advanced Institute of Techniques | Co., Ltd. essary Claims of an Aftilia ember (check one): | nte or Non-Member, the Member |
| | | ment: Kisoo Chang, Communic Ri, Gibeung-Fun, Yopgin-Si, G | | rc2 |
| Address: San.14-1, Nongseo-Ri, Giheung-Eup, Yongin-Si, Gyeonggi-Do, 449-712, Korca Telephone: +82-31-280-9550 Fax: +82-31-280-9587 E-mail: kschang@samsung.com | | | | |
| If the M | lember owns, has a rig ion number and/or rel Patent/Patent applica Relevant Claims | NG LICENSING OF NECES: ght to, or is aware of any Necess levant claims. ation number(s): 10/882.808, 10 extent, and scope of the Necess | ary Claims, please specify | A). P2004-0084300(KOREA) |
| | | | | |
| with re□ 1. | The Member will graceptable terms and (Member must provide the Member disclose the Mem | ant a fee-based license to the Ald conditions to comply with the ide the information requested in sed the Necessary Claims of an A | liance, Promoter Members ZigBee Proposed Specific Attachment A to this Dec Affiliate or Non-Member, | s and Participants on mutually ation or Adopted Specification. claration) but the Member is not authorized to |
| П. | grant licenses on bel | half of such Affiliate or Non-Mo | ember according to the pro- | visions of either 1 or 2 above. |
| □ 4. | I he Member is not a | aware of any Necessary Claims. | | |

E. SIGNATURE:

Print name of authorized person: Albert Yuhan

Title of authorized person: Senior Vine President
Signature of authorized person:

Signature of authorized person:

Date: 27. Oct. 2004

Form Approved by ZigBee Alliance - ___Feb_, 2004

Version 1.0

30390093

| 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 sha | Il disclose all portion(s) of the Proposed Specifications which involve any Necessary |
|-------------------|---|
| | limitation, any Necessary Claims of an Affiliate or a Non-Member). |
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| | Il disclose any terms and conditions applicable to the license of any Necessary Claims on, 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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Submission

Page 5

Bill Chase, <company>

NECESSARY CLAIMS DECLARATION

| | (APPLI) | ES TO BOTH PROMOTE | R MEMBERS AND PA | RTICIPANTS) |
|-------------------|--|--|---|---|
| Please re | eturn or FAX to: | Executive Director, ZigBec A c/o Global Inventures 2400 Camino Ramon, Suite 3 | | Disclosure Period: |
| | | Sán Ramon, CA 94583 USA PHONE (+1 925-275-6607) | | |
| This | Declaration is made | in abcordance with and subject | to the ZigBee Alliance Inte | llectual Property Rights Policy |
| A. 71G | REE ADOPTED S | SPECIFICATION or ZIGBEE | PROPOSED SPECIFICA | ATION: |
| - | : 02130r9 | | | |
| | etwork Layer Specifi | ications | | |
| B. <u>ME</u> | MBER ORGANIZ | ATION: | | |
| Legal N | ame of Member Org | anization: Samsung Electronics | Co., Ltd. | |
| | ember is completing ivide the following i | | cessary Claims of an Affilia | te or Non-Member, the Member |
| Legal N | ame of 🗖 Affiliate (| or 🗖 Non-Member (check one) | : | |
| Member | is authorized to act | on behalf or Affiliate or Non-M | lember (check one): 🗖 Yes | or 🗆 No |
| C. <u>CO</u> | NTACT FOR LICE | ENSE TERMS AND CONDIT | TONS: | |
| Name of | Organization: Sams | sung Advanced Institute of Tech | ιπο log y | |
| Name of | Individual & Depai | rtment: Kisoo Chang, Communi | cation & Network Lab | |
| Address | : San.14-1, Nongseo | -Ri, Giheung-Eup, Yongin-Si, C | iyeonggi-Do, 449-712, Kor | ca |
| Telepho | ne: +82-31-280-955 | 0 Fax: +82-31-280-9587 Е-п | ail: kschang@samsung.com | 3 |
| D. <u>PO</u> | SITION REGARD | ING LICENSING OF NECES | SARY CLAIMS: | |
| If the Mapplicati | ember owns, has a ri ion number and/or re | ight to, or is aware of any Neces elevant claims. | sary Claims, please specify | the patent number, patent |
| | | cation number(s): 10/882.808, 1 | |), P2004-0084309(KOREA) |
| | Describe the nature | , extent, and scope of the Neces | sury Claims (attach addition | tal (tages, if necessary): |
| | | | | |
| With 140 | - | sh Namasury Claims, Member d | | |
| 1 . | • | | | |
| 2 . | acceptable terms an | trant a fee-based license to the A and conditions to comply with the vide the information requested in | ZigBee Proposed Specifica | ation or Adopted Specification. |
| □ 3. | The Member disclogrant licenses on be | sed the Necessary Claims of an chalf of such Affiliate or Non-M | Affiliate or Non-Member, tember according to the pro- | but the Member is not authorized to visions of either 1 or 2 above. |
| 4. | The Member is not | aware of any Necessary Claims | | |
| | | | | |

| E. | SIGN | ATURE: |
|----|------|--------|
| | | |

Print name of authorized person: Albert Yuhan

Title of authorized person: Senior Vine President
Signature of authorized person: Date: 27. Oct. 2004

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| February, 2 | 200 | 14 |
|-------------|-----|----|
|-------------|-----|----|

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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:

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