

07-29-2002

U.S. Department of Commerce  
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PATENT



102172093

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Submission Type

☒ New *7.18.02*

☐ Resubmission (Non-Recordation)  
Document ID#

☐ Correction of PTO Error  
Reel #  Frame #

☐ Corrective Document  
Reel #  Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1)  BACK, Seok Hyun

Execution Date  
Month Day Year  
 June 5, 2002

Second Party

Name (line 1)  KIM, Jin Myeong

Execution Date  
Month Day Year  
 June 5, 2002

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)  KOSAN I & T Co., Ltd.

Name (line 2)

Address (line 1)  Seoul Bldg. 3F. 89-3

Address (line 2)  Yangjae-dong, Seocho-ku

Address (line 3)  Seoul  Republic of Korea  137-130

City State/Country Zip Code

☒ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name  Snell & Wilmer L.L.P.

Address (line 1)  One Arizona Center

Address (line 2)  400 East Van Buren

Address (line 3)  Phoenix, Arizona 85004-2202

Address (line 4)

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07/24/2002 HLE333 00000007 10198800

02 FC:581

40.00 OP

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REEL: 013120 FRAME: 0146

Correspondent Name and Address

Area Code and Telephone Number

602-382-6296

Name Cynthia L. Pillote

Address (line 1) Snell & Wilmer L.L.P.

Address (line 2) One Arizona Center

Address (line 3) 400 East Van Buren

Address (line 4) Phoenix, Arizona 85004-2202

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
June 5, 2002

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

Number of Properties

Enter the total number of properties involved.

# 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 19-2814

Authorization to charge additional fees:

Yes



No

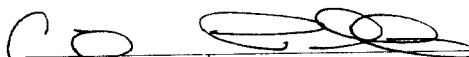


Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Cynthia L. Pillote

Name of Person Signing



Signature

July 8, 2002

Date

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Conveying Party(ies)

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Name (line 1) KIM, Byeong Gook

Execution Date  
Month Day Year  
06/05/2002

Name (line 2)

Name (line 1) JEONG, Dae Hyeon

Execution Date  
Month Day Year  
06/05/2002

Name (line 2)

Name (line 1) KANG, Yeong Jo

Execution Date  
Month Day Year  
06/05/2002

Name (line 2)

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07/18/02

Conveying Party(ies)

Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attached

Name (line 1) KWON, Hyeok Joo

Execution Date  
Month Day Year  
06/05/2002

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year  
06/05/2002

Name (line 2)

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# ASSIGNMENT UTILITY PATENT

**WHEREAS**, the undersigned inventor (hereinafter referred to as "ASSIGNOR") of the address indicated below, is the sole inventor of EXTERNAL MOUNTING TYPE MICROCHIP DUAL BAND ANTENNA ASSEMBLY

for which Letters Patent of the United States ( ☒ ) has been executed on even date herewith (    ) was filed as U.S. Serial No.


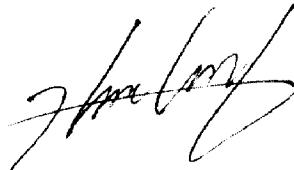

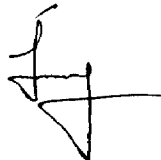


**AND WHEREAS, KOSAN I & T CO., LTD.**(hereinafter "ASSIGNEE"), a Korean corporation with offices at 89-3 Yangjae-dong, Seocho-gu, 137-180 Seoul, Republic of Korea, is desirous of acquiring an interest therein;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the Assignor's full and exclusive right to the invention as described in the aforesaid patent, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue a Certificate of Correction to said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

**AND HEREBY AGREES** to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

**AGREEING, FURTHERMORE**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

**EXECUTED** as of the date written below:

| INVENTOR'S NAME         | ADDRESS  | SIGNATURE  | DATE          |
|-------------------------|--|--|---------------|
| <b>BACK, Seok Hyun</b>  | 9/2, 879-12 Jooan 6<br>dong, Nam-gu,<br>402-206 Incheon-shi,<br>Republic of Korea                      |    | June 05, 2002 |
| <b>KIM, Jin Myeong</b>  | 279-499, Sangdo 4<br>dong, Dongjak-gu,<br>156-845 Seoul,<br>Republic of Korea                          |    | June 05, 2002 |
| <b>KIM, Byeong Gook</b> | 310-408 Cheongsol<br>Apt., Songgang-dong,<br>Yooseong-gu,<br>305-752 Daejeon-shi,<br>Republic of Korea |    | June 05, 2002 |
| <b>JEONG, Dae Hyeon</b> | 1575-2, Sinlim 11<br>dong, Kwanak-gu,<br>151-899 Seoul,<br>Republic of Korea                           |    | June 05, 2002 |
| <b>KANG, Yeong Jo</b>   | 205, 664-5, Il-dong,<br>Ansan-si, 425-861<br>Kyunggi-do,<br>Republic of Korea                          |     | June 05, 2002 |
| <b>KWON, Hyeok Joo</b>  | 101-207 Kolong Apt.,<br>642, Deungchon 1<br>dong, 157-840<br>Kangseo-gu,<br>Republic of Korea          |  | June 05, 2002 |