

FORM PTO-1595 (modified)

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U.S. DEPARTMENT OF COMMERCE

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Jae Ryong BUM



9-26-02

2. Name and address of receiving party(ies):

Impactra Co., Ltd.  
1st Floor, Junggok-Bldg.  
108-2 Yangjae-dong,  
Seocho-gu  
Seoul 137-130  
South Korea

Additional conveying party(ies) NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

September 24, 2002

Additional name(s) &amp; address(es) attached? NO

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

10/175,901

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

George C. Beck  
FOLEY & LARDNER  
Washington Harbour  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5143

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

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8. Deposit account number: 19-0741

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9. 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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.*

George C. Beck

9/26/02

Name of person signing

Signature

Date

09/30/2002 DBYRME 00000054 10175901

01 FC-501 40.00 DP

Total number of pages including cover sheet, attachments, and document: 3

<b>ASSIGNMENT AND AGREEMENT</b>
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**WHEREAS**, Jae Ryong BUM of Gyeonggi-do, Korea (hereinafter referred to singly and collectively as "ASSIGNOR") has invented a certain invention entitled **MOBILE TERMINAL FOR CHANGING POSITION OF DISPLAY UNIT IN HORIZONTAL OR VERTICAL DIRECTION** (Atty. Dkt. No. 076315-0101) for which an application for United States Letters Patent was filed on June 21, 2002 as Application No. 10/175,901; and

**WHEREAS**, Impactra Co., Ltd., a corporation duly organized and existing under the laws of the State of Korea, and having its principal place of business at 1<sup>st</sup> Floor, Junggok-Bldg., 108-2 Yangjae-dong, Seocho-gu, Seoul 137-130, Korea (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

**NOW THEREFORE**, \$1.00 for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified application and all other applications for Letters Patent of the United States for the above-identified invention or inventions and all improvements and modifications thereof, (b) all Letters Patent which may issue from said applications in the United States, (c) all divisions, continuations, reissues, and extensions of said applications and Letters Patent in the United States, and (d) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

**ASSIGNOR HEREBY AUTHORIZES AND REQUESTS** the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

**ASSIGNOR HEREBY AGREES** (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or

inventions, improvements, and modifications under the intellectual property laws of the United States.

**ASSIGNOR HEREBY REPRESENTS AND WARRANTS** that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith,

**ASSIGNOR HEREBY AUTHORIZES** the law firm of Foley & Lardner to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

**ASSIGNOR UNDERSTANDS AND AGREES** that the attorneys and agents of the law firm of Foley & Lardner do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 24th day of September, 2002.

  
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Jae Ryong BUM