

06-15-2004

FORM PTO-1595
(Rev. 10/02)
OMD No. 0651-0011 (exp. 6/30/2005)



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Chan Won Park; Dae Hwan Hwang; Bong Tae Kim
6-4-04
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 No Yes

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Name: **Electronics and Telecommunications Research Institute**
Internal Address: _____
Street Address: **161 Gajeong-dong, Yusong-gu**
City: **Daejeon-city** State: _____ ZIP: _____
Country: **Rep. of Korea**
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A. Patent Application No.(s) 10861613 B. Patent No.(s) _____
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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Blakely, Sokoloff, Taylor & Zafman LLP**
Internal Address: _____
Street Address: 12400 Wilshire Boulevard
7th Floor
City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved: **1**
7. Total Fee (37 CFR 3.41).....\$ 40.00
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PATENT
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ASSIGNMENT

In consideration of the receipt of good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) PARK, Chan Won (6) _____
- (2) HWANG, Dae Hwan (7) _____
- (3) KIM, Bong Tae (8) _____
- (4) _____ (9) _____
- (5) _____ (10) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto Electronics and Telecommunications Research Institute of 161 Gajeong-dong
Yusong-gu, Daejeon-city, Rep. of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

MEDIA ACCESS CONTROLLER

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____ ;
or
- (b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademarks to issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

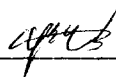
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

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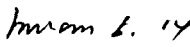
INVENTORS

DATE SIGNED

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2004. 4. 18 

2) 황완, 대환
Name: HWANG, Dae Hwan

2004. 5. 4 

3) 김보태
Name: KIM, Bong Tae

May 12, 2004 