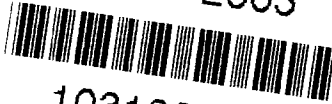


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4. Application number(s) or patent number(s): [X] This document is being filed together with a new application.

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B. Patent No.(s)

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6. Total number of applications and patents involved: 1

Name: Blakely, Sokoloff, Taylor & Zafman LLP

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PATENT REEL: 017289 FRAME: 0787

112891 U.S. P.T.O. 11/286966



112205

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) LEE, Moon Seop (6) _____
- (2) LEE, Byung Tak (7) _____
- (3) KANG, Hyun Seo (8) _____
- (4) KOH, Jai Sang (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, Republic 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

PASSIVE OPTICAL NETWORK SYSTEM AND METHOD OF TRANSMITTING BROADCASTING SIGNAL IN SAME

- (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 NOVEMBER 3, 2005

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.

SIGNED of the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) M. Lee
Name: LEE, Moon Seop

11/3/2005

2) [Signature]
Name: LEE, Byung Tak

11/4/2005

3) [Signature]
Name: KANG, Hyun Seo

11/3/2005

4) [Signature]
Name: KOH, Jai Sang

11/3/2005