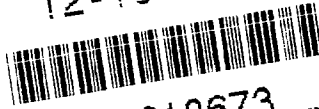


12-10-2003

To the Honorable Commissioner of Patents



102618673

attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) **BYOUNG-CHUL KIM**
- (2) **SE-WOONG MOON**
- (3) **BYUNG-GU CHOE**

12-103

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

SAMSUNG ELECTRONICS CO.,LTD.,
a corporation organized under the laws of the Republic of Korea
 416, Maetan dong
 Yeongtong-Gu, Suwon-si, Gyeonggi-Do
 Republic of KOREA

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Additional name(s) & addresses attached? Yes No

Execution Date: November 28, 2003

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

If this document is being filed together with a new application, the execution of the application is: **1 December 2003**

A. Patent Application No.(s)

B. Patent No.(s)

10724085

Additional number(s) attached? Yes No

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

Name: **Robert E. Bushnell**
 Attorney at Law
 Suite 300, 1522 "K" Street, N.W.
 Washington, D.C. 20005-1202
 (202) 408-9040

6. Total Number of applications and patents involved: ONE

7. Total fee (37 CFR § 3.41) \$ U.S. \$40.00

- Enclosed (**Check#45026**)
- Authorized to be charged to deposit account

8. Deposit Account Number:

(Attach duplicate copy of this page if paying by deposit account)

12/09/2003 BYRNE 00000059 10724085

01 FC:0021

40.00 00

DO NOT USE THIS SPACE

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.

ROBERT E. BUSHNELL

Name of Person Signing

Robert E. Bushnell
Signature

1 December 2003

Date

Total number of pages including cover sheet: TWO

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion
 Mail documents to be recorded with the required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Alexandria, VA 22313-1450

1/510 U.S. PTO
 10724085
 120103

ASSIGNMENT

DOCKET No.

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: SAMSUNG ELECTRONICS CO., LTD., a corporation organized under the laws of the Republic of Korea, ADDRESS: 415 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

TITLE: "Dynamic Management Method For Forwarding Information In Router Having Distributed Architecture"

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment, or is more particularly identified as

executed on even date herewith, or Serial No. filed in the U.S. Patent & Trademark Office on executed on

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissues and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, term, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute, without receiving any money or other consideration, any further documents or instruments which may be required by the U.S. Patent & Trademark Office, or any other governmental authority, in connection with the prosecution, maintenance, defense, or enforcement of the patent or patents herein assigned, including any amendments, extensions, or interference proceedings, whether administrative or judicial, or any other proceedings, and to execute and file such documents and instruments as may be required by the U.S. Patent & Trademark Office, or any other governmental authority, in connection with the prosecution, maintenance, defense, or enforcement of the patent or patents herein assigned.

I hereby certify that I am the inventor or one of the inventors of the invention herein assigned and that I am the owner of the right to make, use, sell, or otherwise dispose of the invention in the United States and that I am the owner of the right to make, use, sell, or otherwise dispose of the invention in the United States and that I am the owner of the right to make, use, sell, or otherwise dispose of the invention in the United States.

- 1) Byoung-Chul KIM (Seal) November 28, 2003
2) Se-Woong MOON (Seal) November 28, 2003
3) Byung-Gu CHOE (Seal) November 28, 2003
4) (Seal)

Additional inventors are being named on separately numbered sheets attached hereto.