

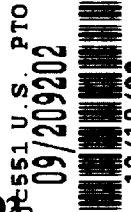


MRO 12-10-98

To the Honorable Commissioner of Patents 100936509 attached original documents or copy thereof.

1. Name of conveying party(ies):
Jarrold S. Rafferty and Elizabeth L. Craddock
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Network Technologies, Inc.
Street Address: 1275 Danner Drive
City: Aurora State: Ohio Zip: 44202
Additional name(s) of receiving party(ies) attached? Yes No



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: December 8, 1998

4. Application number(s) or patent number(s): 09/209202
If this document is being filed together with a new application, the execution date of the application is: December 8, 1998
A. Patent Application No.(s): _____ B. Patent No.(s): _____
Additional number(s) attached? Yes No

5. Name and address of party to whom correspondence concerning this document should be mailed:
Name: James M. Moore
Street Address: 1200 Leader Building
City: Cleveland State: OH Zip: 44114-1401

6. Total number of applications and patents involved: 1
7. Total Fee (37 C.F.R. §3.41) \$40.00
 Enclosed
 Authorized to be charged to Deposit Account for any uncovered fees.
8. Deposit Account No.
16-0820, Order No. 31090
(Attach duplicate copy of this page if paying by deposit account)

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.
James M. Moore December 10, 1998
Name of Person Signing Signature Date

1/18/1998 EWARREN 00000018 09209202 Total number of pages including cover sheet, attachments, and document: 3

03 FEB 1999 40.00 EP

ASSIGNMENT

(Joint)

WHEREAS, new and useful improvements and inventions have been made by the undersigned in

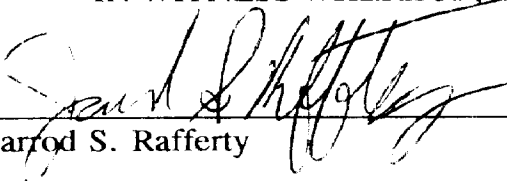
USB SELECTOR SWITCH

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the right of the signatures of the undersigned, which application is further identified as Pearne, Gordon, McCoy & Granger Docket No. 31090.

WHEREAS, Network Technologies, Inc., a corporation of the State of Ohio, having a principal place of business at 1275 Danner Drive, Aurora, Ohio 44202, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:


Jarrod S. Rafferty

12/8/98
Date I signed this assignment

12/13/98
Date I signed Declaration or Oath

Post Office Address: 6391 Ohio Street, Kent, Ohio 44240

Elizabeth L. Craddock
Elizabeth L. Craddock

12/18/98
Date I signed this assignment

2/8/98
Date I signed Declaration or Oath

Post Office Address: 4940 Edsal Drive, Lyndhurst, Ohio 44124

STATE OF OHIO }
COUNTY OF Portage } ss.

The above named Jarrod S. Rafferty, known to me, appeared before me this 8th day of December, 1998, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

William B. McClung
Notary Public
WILLIAM B. McCLUNG, Notary Public
State of Ohio
My Commission Expires Oct. 27, 2003

(Notarial Seal)

STATE OF OHIO }
COUNTY OF Portage } ss.

The above named Elizabeth L. Craddock, known to me, appeared before me this 8th day of December, 1998, and acknowledged that the foregoing instrument was executed as her free act and deed for the uses and purposes therein set forth.

William B. McClung
Notary Public
WILLIAM B. McCLUNG, Notary Public
State of Ohio
My Commission Expires Oct. 27, 2003

(Notarial Seal)