

727-98

08-03-1998



Lab. settings 12/12/97

To the Honorable Commissioner of Patents

100781862

Enclosed original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>- Satish S. Soman - Subhasis Pal</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Nexabit Networks LLC</p> <p>Internal Address: RECEIVED</p> <p>JUL 27 1998</p> <p>Street Address: 1700 West Park Drive</p> <p>City: Marlboro State: MA ZIP: 01581</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: March 23, 1998</p>	

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

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

<p>A. Patent Application No.(s)</p> <p>09/049,567, March 27, 1998</p>	<p>B. Patent No.(s)</p>
---	-------------------------


Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Robert H. Rines, Esquire</p> <p>Internal Address: RINES AND RINES</p> <p>Street Address: 81 North State Street</p> <p>City: Concord State: NH ZIP: 03301</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40. -</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>B. Deposit account number:</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
--	--

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 H. Rines  July 24, 1998

Name of Person Signing Signature Date

Total number of pages comprising cover sheet: 1

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

07/31/1998 SSMITH 00000072 09049567 Do not date this portion

01 FC:581 40.00 pp

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

PATENT

REEL: 9348 FRAME: 0304

ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS:

That Whereas we, Satish S. Soman of 40 Commons Way, Shrewsbury, MA, a citizen of India, and Subhasis Pal of 94 Thornberry Road, Winchester, MA, a citizen of the USA, have invented certain improvements in METHOD OF AND OPERATING ARCHITECTURAL ENHANCEMENT FOR MULTI-PORT INTERNALLY CACHED DYNAMIC RANDOM ACCESS MEMORY (AMPIC DRAM) SYSTEMS, PARTICULARLY ADAPTED FOR ATM (ASYNCHRONOUS TRANSFER MODE), SONET (SYNCHRONOUS OPTICAL NETWORK) CROSS CONNECT, WDM (WAVE DIVISION MULTIPLEXING) AND SIMILAR APPLICATIONS, ELIMINATING EXTERNAL CONTROL PATHS AND RANDOM MEMORY ADDRESSING, WHILE PROVIDING ZERO BUS CONTENTION FOR DRAM ACCESS, and have described and claimed the same in an application for Letters Patent of the United States therefor, said application having been executed by us ~~Subhasis Pal~~ ~~Subhasis Pal~~ and filed in the USPTO on March 27, 1998, Serial No. 09/049,567

Whereas, Nexabit Networks, LLC, an organization duly organized and existing under and by virtue of the laws of the State of Massachusetts, and having a principal place of business at 1700 W. Park Drive, Westboro, MA 01581, hereinafter called the company, is desirous of acquiring the entire and exclusive right, title and interest of, to and under the said invention, the said application for Letters Patent of the United States and any and all Letters Patent of the United States and of all other countries that may be granted for the said invention.

Now, Therefore, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations to us paid by the Company, the receipt of which in full is hereby acknowledged, we, the said Satish S. Soman and Subhasis Pal have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over unto the company, its respective successors and assigns, the entire and exclusive right, title and interest in, to and under the said invention, the said application for Letters Patent of the United States and all other countries that may be granted for the said invention, and all other patent rights that may be based thereon, including all renewals, divisions, reissues, continuations, and extensions thereof.

To Have, Hold and Enjoy the same to the Company, its successors and assigns, to its and their own use and behoof, to the full end of the term or terms for which the said Letters Patent or other patent rights may be granted, as fully and entirely as the same might have been held and enjoyed by us if no sale or assignment thereof had been made

And we hereby authorize and request the Commissioner of Patents and Trademarks or other proper governmental authority to issue all Letters Patent or other patent rights for the said invention resulting therefrom to the Company, its successors and assigns, in accordance with this assignment, as assignee of the entire right, title and interest therein and thereto, and covenant that we have full right so to do.

And for the considerations aforesaid, we agree that we will communicate to the Company, or its representatives, any facts known to us respecting the said invention, whenever requested, and will testify in any legal proceeding, sign all lawful papers, make all rightful oaths, and generally do everything possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the said invention in all countries, or to perfect or defend its or their title in the premises

Witness our hands and seals at this 23 day of March, 1998

S.S. Soman
3/23/98
Satish S. Soman

Subhasis Pal 3/23/98
Subhasis Pal

ACKNOWLEDGMENT

State of Massachusetts

County of *Worcester*^{SS}

On this 23rd day of March, 1998, before me personally appeared Satish S. Soman and Subhasis Pal, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed

SEAL

John E. Karloff
Notary Public

PATENT