Form PTO-1595 REC 1 - 22	U.S. Department of Commerce Patent and Trademark Office
To the Honorable Commissioner of Patents and 1102290707 thed original documents or copy thereof.	
1. Name of conveying party(ies): Paul Szczepanek, John A. Moon and Michael A. Davis Admitted name(s) of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies): Name: CiDRA Corporation Internal Address:
Nature of conveyance:	Street Address: 50 Barnes Park North
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Execution Date: November 6, 2002	City: Wallingford State: CT Zip: 06492 Additional name(s) and address(es) attached? □ Yes ☑ No
 4. Application number(s) or patent number(s): If this document is being filed together with a application is: A. Patent Application No.(s) 10/216,000 filed August 8, 2002 Additional numbers a 	new application, the execution date of the B. Patent No.(s) attached? □ Yes ☒ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:1
Name: William J. Barber Internal Address: Ware, Fressola, Van Der Sluys & Adolphson LLP	7. Total fee (37 CFR 3.41) \$ 40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account
Bradford Green, Building Five Street Address: 755 Main Street Monroe, Connecticut 06468 11/19/2002 KZEWDIE 00000087 10216000 05 FC:602	8. Deposit account number: 23-0442 (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 foregoe copy is a true copy of the original document William J. Barber Name of Person Signing Signature Total number of pages including cover shows the statement of pages in cover shows the statement of pages includi	going information is true and correct and any attachment Date Date A correct and any attachment

Serial No.: 10/216,000

ASSIGNMENT

WHEREAS, We, Paul Szczepanek of 5 Forest Glen Circle, Apt. 17, Middletown, Connecticut 06457, Jay A. Dawson of 2779 Vernazza Drive, Livermore, California 94550, John A. Moon of 17 Promontory Drive, Wallingford, Connecticut 06492 and Michael A. Davis of 172 Stevens Lane, Glastonbury, Connecticut 06033, all citizens of the United States of America, having invented certain improvements in a DYNAMICALLY RECONFIGURABLE OPTICAL SMART NODE, which is described in an application for Letters Patent of the United States, Application Serial No. 10/216,000 filed August 8, 2002 and identified by Ware, Fressola, Van Der Sluys & Adolphson LLP/CiDRA File Nos. as 712-002.164/CC-0385, and which also claims benefit to a provisional patent application, serial no. 60/310,991, filed on August 9, 2001, and also provisional patent application, serial no. 60/354,794 filed February 6, 2002, and described in a patent application executed by the undersigned on the dates set after the signatures hereto, being owners of all right, title and interest in and to said application and in and to any invention described therein, free from all prior assignments, agreements, licenses, mortgages, or other encumbrances whatsoever, and having full right to convey the entire interest both legal and equitable herein assigned; and

WHEREAS, CiDRA Corporation, of Wallingford, Connecticut, a corporation of the State of Delaware (assignee) is desirous of acquiring the entire United States right, title and interest in and to said invention or inventions and any and all U.S. Patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid U.S. Patent application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize(s) and request(s) the issuing authority to issue any and all patents on said application or applications to said assignce or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said assignee or its successors and assigns, to communicate to said assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

S. JOHN A. MOON

S. JOHN A. MOON

S. JOHN A. MOON

S. JOHN A. MOON

MICHAEL A. DAVIS

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State of Connecticut)) ss: Wallingford County of New Haven)

On this 6^{th} day of November, 2002, before me personally appeared PAUL SZCZEPANEK, JOHN MOON AND MICHAEL DAVIS to me personally known, and known to me to be the person(s) who signed the foregoing assignment, and acknowledged the signing of same as his/her(their)



SHERRY B. HOLT Notary Public

Monago Holf Notary Public

My Commission Expires Feb. 28, 2005

PATENT REEL: 013500 FRAME: 0320