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U.S. Patent and Trademark Office Docket No. 19988-000400US

FORM PTO-1595 (Rev. 6-93)

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U.S. Department of Commerce Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies): Chien-Yu Kuo, Niraj Gupta, Ronald Garrison, and Brian F. Reilly. Additional name(s) of conveying parties attached? [] Yes [X] No.

2. Name and address of receiving party(ies): Name: Cinta Corporation. Internal Address: Street Address: 3010 North First Street. City: San Jose State: CA ZIP: 95134. Additional names and addresses attached? [] Yes [X] No.

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other: Execution Date: 05/29/01; 05/22/01; 05/22/01; 05/30/01

4. Application Number(s) or Patent Numbers. If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): 09/648,518 B. Patent No(s): Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gary T. Aka, Esq. TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200

6. Total number of applications and patents involved 1. 7. Total fee (37 CFR 3.41): \$40.00 [] Enclosed [X] Charge Fees to Deposit Account [X] Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account. 8. Deposit account number: 20-1430

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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document. Gary T. Aka Name of Person Signing Signature Date June 7, 2001 Atty Reg. No. 29,038 Total number of pages including cover sheet, attachments and document

10. Change Correspondence Address to that of Part 5? [X] Yes [] No

OMB No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover to: Do not detach this portion Asst. Commissioner for Patents Box: Assignments Washington, D.C. 20231

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PA 3150226 v1

PATENT REEL: 011880 FRAME: 0281

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Chien-Yu Kuo, of 11613 Forest Spring Court, Cupertino, California 95014; Niraj Gupta, of 47634 Hoyt Street, Fremont, California 94539; Ronald Garrison, of 4434 Cedar Elm Circle, Richardson, Texas 75082; and Brian F. Reilly, of 246 NE Donelson Street, Hillsboro, Oregon 97124; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SCALABLE DWDM NETWORK SWITCH ARCHITECTURE WITH WAVELENGTH TUNABLE SOURCES
Filing Date: August 25, 2000
Application No.: 09/648,518; and

WHEREAS, Cinta Corporation, a corporation of the State of Delaware, located at 3010 North First Street, San Jose, California 95134, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 5-29-2001 Chien-Yu Kuo
Dated: 5-22-2001 Niraj Gupta
Dated: 5/22/01 Ronald Garrison
Dated: 5/30/2001 Brian F. Reilly

Witnesses:

PA 3145972 v1