

01-26-1999



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RECORDATION FORM COVER SHEET
TRADEMARKS ONLY

MLO 1-22-99

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID #

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment License

Security Agreement Nunc Pro Tunc Assignment

Merger
Effective Date
Month Day Year

Change of Name

Other

Conveying Party

Mark if additional names of conveying parties attached

Name Execution Date
Month Day Year

Formerly

Individual General Partnership Limited Partnership Corporation Association

Other

Citizenship/State of Incorporation/Organization

Receiving Party

Mark if additional names of receiving parties attached

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)

Individual General Partnership Limited Partnership Corporation Association

Other

Citizenship/State of Incorporation/Organization

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

01/25/1999 TTOM11 00000087 75473497
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FOR OFFICE USE ONLY

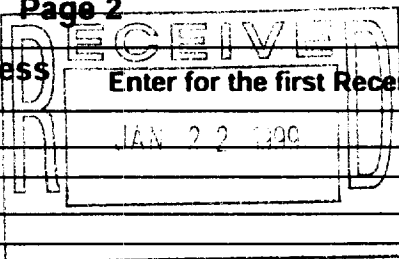
Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

TRADEMARK
REEL: 1846 FRAME: 0075

Domestic Representative Name and Address

Enter for the first Receiving Party only.



Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Trademark Application Number(s) or Registration Number(s)

Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)			Registration Number(s)		
<input type="text" value="75/473,497"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Andrew S. Borodach

Andrew S. Borodach

January 20, 1999

Name of Person Signing

Signature

Date Signed

State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"TTC REORG CORPORATION", A DELAWARE CORPORATION,
WITH AND INTO "TELECOMMUNICATIONS TECHNIQUES CO., LLC" UNDER THE NAME OF "TELECOMMUNICATIONS TECHNIQUES CO., LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE EIGHTEENTH DAY OF MAY, A.D. 1998, AT 4:30 O'CLOCK P.M.

Express Mail mailing label #to. EH827326507us

Date of Deposit January 20, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.101 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231.

ELISA Raley

(Typed or printed name of person mailing paper or fee)

Elisa Raley

(Signature of person mailing paper or fee)



Handwritten signature of Edward J. Freel.

Edward J. Freel, Secretary of State

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AUTHENTICATION:

9505331

DATE:

01-06-99

TRADEMARK
REEL: 1846 FRAME: 0077

CERTIFICATE OF MERGER

Merging

TTC REORG CORPORATION

Into

TELECOMMUNICATIONS TECHNIQUES CO., LLC

TELECOMMUNICATIONS TECHNIQUES CO., LLC ("the

Company"), a company organized and existing under the laws of the State of Delaware, HEREBY CERTIFIES:

FIRST: That the Company was organized on May 14, 1998 under the name Telecommunications Techniques Co., LLC pursuant to the Limited Liability Company Act of the State of Delaware.

SECOND: That TTC Reorg Corporation ("TTC Reorg") was incorporated on May 15, 1998 pursuant to the General Corporation Law of the State of Delaware (the "DGCL").

THIRD: That an Agreement and Plan of Merger, dated as of May 18, 1998, between the Company and TTC Reorg (the "Agreement"), providing for TTC Reorg to be merged into and survived by the Company (the "Merger"), has been approved, adopted, certified, executed and acknowledged by each of the Company and TTC Reorg in accordance with Section 264 of the DGCL and Section 18-209 of the Delaware Limited Liability Act.

FOURTH: That the Company shall be the surviving company (the "Surviving Company") of the Merger and shall be named Telecommunications Techniques Co., LLC.

FIFTH: That the Certificate of Formation of the Company shall be the Certificate of Formation of the Surviving Company;

SIXTH: That the member of the Company shall be the member of the Surviving Company.

SEVENTH: That the Merger has been approved by the written consent of Dynatech U.S.A. Inc., the holder of all the issued and outstanding shares of common stock of TTC Reorg. in accordance with Section 228(a) of the DGCL.

EIGHTH: That the executed Agreement is on file at the office of the Company at 20410 Observation Drive, Germantown, MD 20876.

NINTH: That, immediately prior to the Merger, the number of shares of stock of all classes which TTC Reorg has authority to issue is one thousand (1,000) shares, of the par value of one-one hundredth of a Dollar (\$.01) each.

TENTH: That a copy of the Agreement will be furnished by the Surviving Company, on request and without cost, to any member of the Company and to any shareholder of TTC Reorg.

ELEVENTH: Notwithstanding anything to the contrary, the Merger may be terminated and abandoned by the Board of Directors of TTC Reorg or by the sole member of the Company at any time prior to the filing of this Certificate.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the Company has caused this Certificate to be executed by a duly authorized officer thereof.

TELECOMMUNICATIONS TECHNIQUES
CO., LLC

By: Dynatech USA, Inc., its sole member

By: John F. Reno
Name: John F. Reno
Title: President

Dated: May 18, 1998

"Express Mail" mailing label No. E4827326507US

Date of Deposit January 20, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 39 CFR 101.11 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Elisha Raley
(Typed or printed name of person mailing paper or fee)

Elisha Raley
(Signature of person mailing paper or fee)

Trademark Applications

Serial Number

Trademark

Filing Date

75/473,497

TESTPAD

04/17/98