

05-26-2000

*M. H. D.
S. 12. C.*



101368159
**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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 Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

REUB

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name	Execution Date Month Day Year
Name (line 1) <input type="text" value="Lowenthal, Sheldon"/>	<input type="text" value="032798"/>
Name (line 2) <input type="text"/>	
Second Party	
Name (line 1) <input type="text" value="Sharpe, Gary E."/>	<input type="text" value="032798"/>
Name (line 2) <input type="text"/>	

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

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 is attached. (Designation must be a separate document from Assignment.)

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)

05/24/2000 JSNABAZZ 00000069 08977268
01 FC:581 40.00 OP

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

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. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)

<input type="text" value="08/977,268"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month	Day	Year
<input type="text"/>	<input type="text"/>	<input type="text"/>

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <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: Deposit Account Enclosed 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.

William H. Lee

8 May 2000

Name of Person Signing

Signature

Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached

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Patent Application Number(s)

Patent Number(s)

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MKL
12-20-99

01-18-2000

Docket No: TERASCAPE-1



Paper No. _____

101245346

RECEIVED In the United States Patent and Trademark Office

1999 DEC 20 AM 10:30
Serial No 30

08/977,268

Filing Date : 03/05/98

OPRA (FINANCE) : Lowenthal, et al.

Art Unit :

Title : Method for Improving Performance of
Large Databases

Examiner :

Commissioner of Patents and Trademarks
Washington D.C. 20231

RECORDING REQUEST COVER SHEET

Please record the enclosed assignment of the single patent application identified above. The additional information required on the cover sheet is set forth below. A check in the amount of forty dollars (\$40.00) is enclosed to cover the recording fee.

Party(s) conveying interest: Sheldon Lowenthal
Gary E. Sharpe
Mark W. Farnham

Party receiving interest: Terascape Software Inc.
145 Rosemary Street, Suite D
Needham, MA 02494

Type of interest conveyed: Assignment of entire interest

Dates of Execution: March 27, 1998
March 25, 1998
April 8, 1998

Please address all correspondence concerning this request to the undersigned at the address set forth below.

I hereby state that the information set forth above is true to the best of my knowledge and belief, and the enclosed copy of the assignment described above is a true copy of the original document.

Respectfully submitted,

01/14/2000 DCOATES 00000084 08977268

01 FC:581

40.00 OP

William H. Lee (Reg. No 27,920)
Lee & Hollander
287 Hanover Street
Boston, Massachusetts 02113
(617) 742-0400

ASSIGNMENT

In consideration of one dollar and other good and valuable consideration, the receipt of which is acknowledged, we, the undersigned Sheldon Lowenthal, Gary E. Sharpe, and Mark W. Farnham do hereby sell, assign, and transfer to SmartStripe Software Corporation, a Massachusetts corporation having its principal place of business at 4 Yankee Division road, Bedford, Massachusetts, (hereinafter referred to as the Assignee) the entire right, title, and interest to the invention made by us and described in the U.S. Patent application entitled Method For Improving Performance of Large Database Systems filed on November 24, 1997, Serial No. 08/977,268, including the full and exclusive right to the invention in the United States and in all other countries, and the entire right title and interest in and to any and all Letters Patent which may be granted in the United States or in any other countries, including any and all divisions, continuations, reissues, and extensions of any of the aforementioned applications or patents, and including any priority rights in the United States or in any other country which may arise from any of the aforementioned applications or patents.

We further authorize and request the U.S. Commissioner of Patents, and all other officials whose duty it is to issue patents in the United States and in other countries, to issue any patent resulting from any of the aforementioned applications to the Assignee or its successors, assigns, or nominees. We hereby appoint the Assignee as our common representative before all competent international authorities for foreign and international applications filed under the Patent Cooperation Treaty.

We further agree that we will communicate to the Assignee or its representatives or assigns any facts known to us concerning said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all lawful oaths or declarations, and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention in all countries.

Sheldon Lowenthal
Sheldon Lowenthal

3/27/98
Date

Gary E. Sharpe
Gary E. Sharpe

3/27/98
Date

Mark W. Farnham
Mark W. Farnham

March 25, 1998
Date

State of Massachusetts
County of Middlesex

Then personally appeared before me the above named Sheldon Lowenthal, who acknowledged the execution of the foregoing instrument to be his free act and deed on this 27th day of March, 1998.

G. Lema-Crittenden
Notary Public

My commission expires: 11/27/98

State of Massachusetts
County of Middlesex

Then personally appeared before me the above named Gary E. Sharpe, who acknowledged the execution of the foregoing instrument to be his free act and deed on this 27th day of March, 1998.

G. Lema-Crittenden
Notary Public

My commission expires: 11/27/98

State of Massachusetts
County of Middlesex

Then personally appeared before me the above named Mark W. Farnham, who acknowledged the execution of the foregoing instrument to be his free act and deed on this 25th day of March, 1998.

G. Lema-Crittenden
Notary Public

My commission expires: 11/27/98

CORRECTED ASSIGNMENT

Reference is made to the Assignment, dated March 25, 1998 and March 27, 1998, by which the undersigned, Sheldon Lowenthal, Gary E. Sharpe and Mark W. Farnham (the "Assignors") sold, assigned and transferred to SmartStripe Software Corporation, a Massachusetts corporation having its principal place of business at 4 Yankee Division Road, Bedford, Massachusetts (referred to in such Assignment as the "Assignee"), the entire right, title and interest to the invention made by the Assignors and described in the U.S. Patent application entitled *Method for Improving Performance of Large Database Systems* filed on November 24, 1997, Serial No. 08/977,268, including the full and exclusive right to the invention in the United States and in all other countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted in the United States or in any other countries, including any and all divisions, continuations, reissues and extensions of any of the aforementioned applications or patents, and including any priority rights in the United States or in any other country which may arise from any of the aforementioned applications or patents.

It is acknowledged and agreed that, although the Assignee continued to use the name "SmartStripe Software" as a business name as of the time of the assignment, the Assignee's legal corporate name as of the time of the Assignment was "Terascape Software Inc. A copy of the Articles of Amendment filed with the Massachusetts Secretary of State effecting such name change as of February 10, 1998 is attached hereto.

The Assignment is hereby corrected to reflect that the true corporate name of the Assignee is Terascape Software Inc. The Assignors hereby correct the Assignment and authorize and request the U.S. Commissioner of Patents, and all other officials whose duty it is to issue patents in the United States and in other countries, to issue any patent resulting from any of the aforementioned applications to Terascape Software Inc. or its successors, assigns, or nominees. The Assignors also correct the Assignment to appoint Terascape Software Inc. as their common representative before all competent international authorities for foreign and international applications filed under the Patent Cooperation Treaty. The Assignors agree to execute any other documents which may be necessary to effect this assignment.

ASSIGNORS:

Sheldon Lowenthal April 8, 1998
Sheldon Lowenthal Date

Gary E. Sharpe

Gary E. Sharpe

April 8, 1998

Date

Mark W. Farnham

Mark W. Farnham

April 8, 1998

Date

ASSIGNEE:

TERASCAPE SOFTWARE INC.
(Formerly Known as SmartStripe Software Corporation)

By: G.L. Cottle, Lts CFO 4/8/98

The Commonwealth of Massachusetts

02

William Francis Galvin
Secretary of the Commonwealth

ONE ASHBURTON PLACE, BOSTON, MASSACHUSETTS 02108

ARTICLES OF AMENDMENT General Laws, Chapter 156B, Section 72

FEDERAL IDENTIFICATION
NO. 04-3335595

We Gary E. Sharpe, President/Vice President, and
G. Lamar Crittenden, Jr., Clerk/Assistant Clerk of

SMARTSTRIPE SOFTWARE CORPORATION
(EXACT Name of Corporation)

located at: 4 Yankee Division Road, Bedford, MA 01730
(MASSACHUSETTS Address of Corporation)

do hereby certify that these ARTICLES OF AMENDMENT affecting Articles NUMBERED: 1

(Number those articles 1, 2, 3, 4, 5 and/or 6 being amended hereby)

of the Articles of Organization were duly adopted at a meeting held on January 28 1998, by
vote of:

57,375 shares of Common, no par out of 83,675 shares outstanding,
type, class & series, (if any)
_____ shares of _____ out of _____ shares outstanding, and
type, class & series, (if any)
_____ shares of _____ out of _____ shares outstanding,
type, class & series, (if any)

CROSS OUT being at least a majority of each type, class or series outstanding and entitled to vote
INAPPLI- thereon: -
CABLE being at least a majority of each type, class or series outstanding and entitled to vote
CLAUSE the amount of each type, class or series of stock whose rights are adversely affected
thereby -

LB/ks
Name
Approved

- C
- P
- M
- R.A.

¹ For amendments adopted pursuant to Chapter 156B, Section 70.
² For amendments adopted pursuant to Chapter 156B, Section 71.

Note: If the space provided under any Amendment or item on this form is insufficient, additions shall be set forth on separate 8 1/2 x 11 sheets of paper leaving a left-hand margin of at least 1 inch for binding. Additions to more than one Amendment may be continued on a single sheet so long as each Amendment requiring each such addition is clearly indicated.

11/13/96

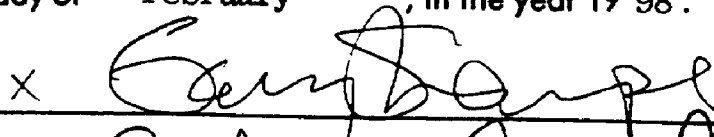
4
P.C.

RESOLVED, that the Corporation's Articles of Organization shall be amended by changing Article I thereof to read as follows:

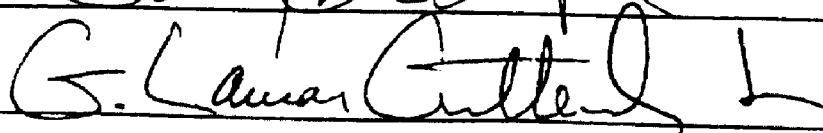
The name of the corporation is: TERASCAPE SOFTWARE INC.

The foregoing amendment will become effective when these articles of amendment are filed in accordance with Chapter 156B, Section 6 of The General Laws unless these articles specify, in accordance with the vote adopting the amendment, a later effective date not more than thirty days after such filing, in which event the amendment will become effective on such later date. LATER EFFECTIVE DATE: _____

IN WITNESS WHEREOF AND UNDER THE PENALTIES OF PERJURY, we have hereunto signed our names this 3rd day of February, in the year 19 98.

x 

President/Vice President



Clerk/Assistant Clerk