

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

12-06-2000



U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101541674

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

11-20-00

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

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)	<input type="text" value="Robert S. PHILLIPS"/>	Execution Date Month Day Year	<input type="text" value="11092000"/>
Name (line 2)	<input type="text"/>		
<b>Second Party</b>		Execution Date Month Day Year	
Name (line 1)	<input type="text" value="Scott H. DAVIS"/>		<input type="text" value="11092000"/>
Name (line 2)	<input type="text"/>		

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)   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.)

Name (line 2)

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Address (line 2)

Address (line 3)     
City State/Country Zip Code

**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)

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12/05/2000 DNGUYEN 00000240 162500 09703884  
01 FC:581 40.00 CH

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Mail documents to be recorded with required cover sheet(s) information to:  
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**PATENT**  
**REEL: 011296 FRAME: 0046**

FORM PTO-1619B  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**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="09703884"/>	<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"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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.

**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: 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.

Gregg I. Goldman

11/17/00

Name of Person Signing  
Patent Agent, Reg. No. 38,896

Signature

Date

FORM PTO-1619C  
Expires 06/30/99  
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**RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Daniel J. DIETTERICH

11092000

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Scott E. NYMAN

11132000

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) David PORTER

11132000

Name (line 2)

**Receiving Party(ies)**

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

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.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

**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)



**ASSIGNMENT OF PATENT APPLICATION**

For value received, the undersigned sell(s), assign(s) and transfer(s) to:

**MangoSoft Corporation**

a corporation organized under the laws of: **Delaware**  
and having a place of business at: **1500 West Park Drive, Suite 190, Westborough, MA 01581**

and to Assignee's successors, assigns and legal representatives or nominees as it may designate (collectively, hereinafter, "Assignee"), the entire right, title and interest, for:

The United States of America and Its Territories and Commonwealth and Possessions  All countries throughout the world

in and to all inventions and improvements disclosed in an application for United States Patent entitled:

**INTERNET-BASED SHARED FILE SERVICE WITH NATIVE PC CLIENT ACCESS AND SEMANTICS**

The above-entitled United States Patent application was:

executed by the undersigned on: \_\_\_\_\_  
 filed in the United States Patent and Trademark Office on: November 1, 2000  
and assigned serial number: \_\_\_\_\_  
 filed as PCT International Application No.: \_\_\_\_\_  
on: \_\_\_\_\_

The undersigned assign(s) the rights for all patents, divisions, reissues, reexamination certificates, continuing applications and extensions thereof, together with the right of priority of any earlier corresponding patent application filed by the undersigned in the United States or elsewhere.

The undersigned covenant(s) that the rights and property conveyed by this Assignment are free and clear of any encumbrance, and that the undersigned have (has) full right to convey the rights and property as expressed herein.

The undersigned authorize(s) and request(s) that any and all patents on the aforesaid inventions be issued to Assignee.

The undersigned agree(s), when requested, without further charge to Assignee but at its expense, to communicate to Assignee or its representatives all facts known to the undersigned regarding the aforesaid inventions and improvements, testify in any legal proceeding, sign all papers, make all rightful oaths or declarations, execute all divisional, continuing, re-examination and reissue applications and generally perform all acts, which may be necessary, desirable or convenient, to aid Assignee in securing, maintaining and enforcing patents for the aforesaid inventions and improvements in the aforesaid countries, and for vesting title thereto in Assignee.

Date: 11/9/2000

Robert S. Phillips  
Robert S. PHILLIPS

Date: 11/13/2000

Scott H. Davis  
Scott H. DAVIS

Date: 11/9/2000

Daniel J. Dieterich  
Daniel J. DIETTERICH

Date: 11/13/2000

Scott E. Nyman  
Scott E. NYMAN

Date: 1/13/2000

David Porter  
David PORTER

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Washington, D.C. 20231

on November 17, 2000.



Signature

Gregg I. Goldman

Typed or printed name of person signing Certificate