

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jennifer G. Zawacki	10/13/2008
Justin T. Dubs	10/09/2008
James J. Thrasher	10/13/2008
David C. Challener	10/09/2008
Sean M. Ulrich	10/09/2008
Julie A. Morris	10/09/2008
Peter G. Gaucher	11/03/2008

RECEIVING PARTY DATA

Name:	Lenovo (Singapore) Pte. Ltd.
Street Address:	151, Lorong Chuan, #02-01, New Tech Park
City:	Singapore
State/Country:	SINGAPORE
Postal Code:	556741

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12242448

CORRESPONDENCE DATA

Fax Number: (412)741-9292
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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Email: ariddle@ferencelaw.com
Correspondent Name: FERENCE & ASSOCIATES LLC
Address Line 1: 409 Broad Street
Address Line 4: Pittsburgh, PENNSYLVANIA 15143

ATTORNEY DOCKET NUMBER:

710.073

500764968

PATENT
REEL: 022164 FRAME: 0542

CH \$40.00 12242448

NAME OF SUBMITTER:

Stanley D. Ference III

Total Attachments: 4

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(JOINT FORM)

(Lenovo Docket) RPS920080038-US-NP
(710.073)

Assignment

Whereas, we

INVENTOR AND CITY	(1) Jennifer G. Zawacki County of Orange	of Hillsborough, and State of North Carolina
INVENTOR AND CITY	(2) Justin T. Dubs County of Durham	of Durham, and State of North Carolina
INVENTOR AND CITY	(3) James J. Thrasher County of Orange	of Efland, and State of North Carolina
INVENTOR AND CITY	(4) David C. Challener County of Wake	of Raleigh, and State of North Carolina
INVENTOR AND CITY	(5) Sean M. Ulrich County of Wake	of Morrisville, and State of North Carolina
INVENTOR AND CITY	(6) Julie A. Morris County of Wake	of Raleigh, and State of North Carolina
INVENTOR AND CITY	(7) Peter G. Gaucher County of Wake	of Cary, and State of North Carolina

have invented certain improvements in

TITLE COLLABORATIVE WEB NAVIGATION USING DOCUMENT OBJECT MODEL
(DOM) BASED DOCUMENT REFERENCES

and have executed, respectively, a United States patent application therefor on even date herewith.

Whereas, Lenovo (Singapore) Pte. Ltd., a corporation of Singapore, having a place of business at 151, Lorong Chuan, #02-01, New Tech Park, Singapore 556741, (hereinafter called Lenovo), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to Lenovo, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to Lenovo, its successors and assigns; and we hereby agree that Lenovo may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Lenovo.

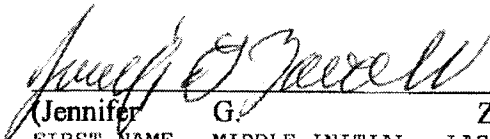
(JOINT FORM)

(Lenovo Docket) RPS920080038-US-NP
(710.073)

Signed and sealed

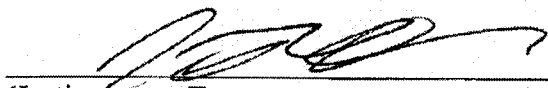
CITY AND
DATE

(1) at *Morrisville, NC*
on *Oct 13*, 2008


(Jennifer G. Zawacki)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR

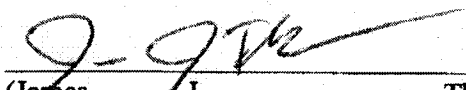
CITY AND
DATE

(2) at *Morrisville, NC*
on *10/9*, 2008


(Justin T. Dubs)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR

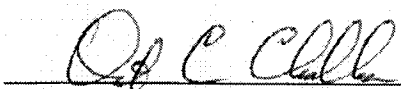
CITY AND
DATE

(3) at *Morrisville, NC*
on *10/13*, 2008


(James J. Thrasher)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR

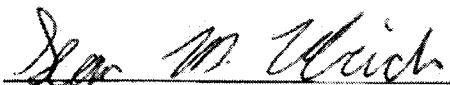
CITY AND
DATE

(4) at *Morrisville, NC*
on *Oct 9*, 2008


(David C. Challenger)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR

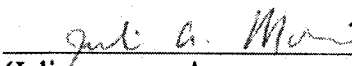
CITY AND
DATE

(5) at *Morrisville, NC*
on *Oct 9*, 2008


(Sean M. Ulrich)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR


CITY AND
DATE

(6) at *MORRISVILLE, NC*
on *Oct 9*, 2008


(Julie A. Morris)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR

CITY AND
DATE

(7) at
on , 2008


(Peter G. Gaucher)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to Lenovo, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to Lenovo, its successors and assigns; and we hereby agree that Lenovo may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Lenovo.

(JOINT FORM)

(Lenovo Docket) RPS920080038-US-NP
(710.073)

Signed and sealed

CITY AND (1) at
DATE on , 2008

(Jennifer G. Zawacki)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE
INVENTOR

CITY AND (2) at
DATE on , 2008

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FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE
INVENTOR

CITY AND (3) at
DATE on , 2008

(James J. Thrasher)
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INVENTOR

CITY AND (4) at
DATE on , 2008

(David C. Challener)
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CITY AND (5) at
DATE on , 2008

(Sean M. Ulrich)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE
INVENTOR

CITY AND (6) at
DATE on , 2008

(Julie A. Morris)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE
INVENTOR

CITY AND (7) at *Morrisville*
DATE on *Nov 3* , 2008

(Peter G. Gaucher)
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE
INVENTOR