

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
David C. Challener	01/22/2009
James S. Rutledge	01/13/2009
Yang Jinping	01/13/2009
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:	12325257
CORRESPONDENCE DATA	
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Correspondent Name:	FERENCE & ASSOCIATES LLC
Address Line 1:	409 Broad Street
Address Line 4:	Pittsburgh, PENNSYLVANIA 15143
ATTORNEY DOCKET NUMBER:	710.079
NAME OF SUBMITTER:	Stanley D. Ference
Total Attachments: 4 source=RPS920080059-US-NP-ExecutedAssignment1-013009#page1.tif source=RPS920080059-US-NP-ExecutedAssignment1-013009#page2.tif	

CH \$40.00 12325257

**500767624**

**PATENT**  
**REEL: 022179 FRAME: 0279**



## *Assignment*

Whereas, we

INVENTOR AND CITY	(1) David C. Challener County of Wake	of Raleigh, and State of North Carolina
INVENTOR AND CITY	(2) James S. Rutledge County of Durham	of Durham, and State of North Carolina
INVENTOR AND CITY	(3) Jinping Yang County of Beijing	of Haidian District, and Republic of China

have invented certain improvements in

TITLE            COMBINED TAP SEQUENCE AND CAMERA BASED USER INTERFACE

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) RPS920080059-US-NP  
(710.079)

Signed and sealed

CITY AND  
DATE

(1) at *Minneapolis, MN*  
on *1/22*, 2009

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

CITY AND  
DATE

(2) at  
on , 2009

  
(James S. Rutledge) SIGNATURE  
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR

CITY AND  
DATE

(3) at  
on , 2009

  
(Jinping Yang) SIGNATURE  
FIRST NAME MIDDLE INITIAL LAST NAME INVENTOR

## Assignment

Whereas, we

INVENTOR  
ALL PARTS (1) David C. Challenger  
County of Wake

of Raleigh,  
and State of North Carolina

INVENTOR  
ALL PARTS (2) James S. Rutledge  
County of Durham

of Durham,  
and State of North Carolina

INVENTOR  
ALL PARTS (3) Jinping Yang  
County of Beijing

of Haidian District,  
and Republic of China

have invented certain improvements in

TITLE COMBINED TAP SEQUENCE AND CAMERA BASED USER INTERFACE

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(11/10/08)

(Continued from) RPS920080059-US-NP  
(710,079)

Notarized and sealed

Witnessed by  
on \_\_\_\_\_, 2009

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

Witnessed by  
on \_\_\_\_\_, 2009

\_\_\_\_\_  
(James S. Rutledge)  
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR

Witnessed by  
on \_\_\_\_\_, 2009

\_\_\_\_\_  
(Yang Jinping)  
FIRST NAME MIDDLE INITIAL LAST NAME SIGNATURE INVENTOR