Commissioner of Patents and Trademarks

1. Name of conveying party(ies):

3. Nature of Conveyance:

Security Agreement

Execution Date: October 3, 2006

A. Patent Application No.(s):

4. Application number(s) or patent number(s):

5. Name and address of party to whom correspondence

Assignment

Other:

Address:

REC(

10-27-2006



T

857.0008.U1(US)

OFFICE OF PUBLIC RECORDS

38

nmissioner of Patents and Trademark:	328734 20% OCT 26 PM 12
Name of conveying party(ies):	2. Name and address of receiving party(ies): NANCE SECT
Zoran Radivojevic	Name: Nokia Corporation
ditional name(s) of conveying party(ies) attached? Yes No	Address: Keilalahdentie 4
Nature of Conveyance:	-
Assignment	City: Espoo State: ZIP Code: FIN-02150 Country: Finland
Other.	Country. Finiand
ecution Date: October 3, 2006	Additional name(s) & address(es) attached? ☐ Yes ☒ No
Patent Application No.(s): 11/477,508 Additional numbers	B. Patent No.(s): attached? Yes No
Name and address of party to whom correspondence	6. Total number of applications
concerning document should be mailed:	and/or patents involved: 1
Name: Harry F. Smith, Esq. ddress: Harrington & Smith, LLP 4 Research Drive City: Shelton	7. Total fee (37 CFR 3.41):\$40.00 Enclosed Charge deposit account Please charge any fee deficiency to deposit account
State: CT ZIP Code: 06484-6212	8. Deposit account number: 50-1924
DO NOT U	SE THIS SPACE
	İ
	1
Statement And Signature:	

9. Statement And Signature:

To the best of my knowledge and belief, the foregoing information is true and correct and, the attached document is either an original document or a true copy of the original document.

Harry F. Smith Name of Person Signing Signature

Total number of pages including cover sheet(s): 7

Page 1 of 7.

10/27/2005 DRYRHE 01 FD:**80**21

00000006 1147/508

For X U.S. and/or X Foreign Rights
For X U.S. Application or U.S. Patent
For PCT Application
By Single or Multiple Inventors

ASSIGNMENT OF INVENTION

Nokia Corporation Docket No. NC44811

Harrington & Smith, LLP Docket No.: 857.0008.U1(US)

in accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR

Radivojevic

Zoran

RESIDENCE

STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP

Helsinki, Finland

Finland

POST OFFICE

P.O. ADDRESS

CITY & COUNTRY

ADDRESS

Lauttasaarentie 17 A 4, 00200 Helsinki, Finland

(2) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR

Zou

Yanming

RESIDENCE

STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP

Beijing, China

China

POST OFFICE

P.O. ADDRESS

CITY & COUNTRY

ADDRESS

5-1, No. 109, Beiheyan Street, Beijing, 100006, China

I

(3) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

CITIZENSHIP

OF INVENTOR

Wang

Kong Qiao

RESIDENCE

STATE OR COUNTRY

China

CITIZENSHIP

Beijing, China

POST OFFICE

P.O. ADDRESS

CITY & COUNTRY

ADDRESS

Wu Yi garden 28# -83-5A, Tongzhou district, Beijing, 101117, China

(4) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR

Takala

Roope

Tapio

RESIDENCE

STATE OR COUNTRY

Finland

CITIZENSHIP

POST OFFICE

Helsinki, Finland P.O. ADDRESS

CITY & COUNTRY

CITIZENSHIP

ADDRESS

Rorstrandinkatu 4 C 39, 00560 Helsinki, Finland

(5) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR

Lantz

Vuokko

Tuulikki

RESIDENCE

STATE OR COUNTRY

CITIZENSHIP Finland

CITIZENSHIP

Vantaa, Finland

POST OFFICE

P.O. ADDRESS

CITY & COUNTRY

ADDRESS

Apajakuja 2 A 5, 01600 Vantaa, Finland

2

(6) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR

Lehtiniemi

Reijo

RESIDENCE

STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP

Helsinki, Finland

Finland

POST OFFICE

P.O. ADDRESS

CITY & COUNTRY

ADDRESS

Palkkatilankatu 7 B 11, 00240 Helsinki, Finland

(7) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR Rantala

tala Jukka

Ilmari

RESIDENCE

STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP Espoo, Finland

Finland

POST OFFICE

P.O. ADDRESS

CITY & COUNTRY

ADDRESS

Toppelundintie 5 F 31, 02170 Espoo, Finland

(8) ASSIGNOR (inventor):

FULL NAME

LAST NAME

FIRST NAME

MIDDLE NAME

OF INVENTOR

Vatanparast

Ramin

RESIDENCE

STATE OR COUNTRY

CITIZENSHIP

CITIZENSHIP

Irving, Texas

USA

POST OFFICE

P.O. ADDRESS

CITY & COUNTRY

ADDRESS

10603 N. MacArthur Blvd., Apt. 2217, Irving, TX 75063

ASSIGNEE:

Nokia Corporation

Keilalahdentie 4, 02150 Espoo , Finland

and the successors, assigns and legal representatives of the ASSIGNEE

3

X the entire right, title and interest

for the United States and its territorial possessions

X and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled:

Apparatus, Methods And Computer Program Products Providing Finger-Based And Hand-Based Gesture Commands For Portable Electronic Device Applications

that is found in

X U.S. Patent Application No. 11/477,508 filed June 28, 2006

X and any legal equivalent thereof in a foreign country, including the right to claim priority,

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or reexamination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

4

Zoran Radivojevic	
Assignor Name	Signature
Witnessed by	DR. Markku Heino Genéau Eleino
Signature of Witness	
	03.10.2006 Date
Yanming Zou Assignor Name	Signature
Witnessed by	
Signature of Witness	
	Date
Kong Qiao Wang Assignor Name	Signature
Witnessed by	
Signature of Witness	
:	Date
Roope Tapio Takala Assignor Name	Signature
Witnessed by	
Signature of Witness	

5

(5)	Vuokko Tuulikki Lantz	
	Assignor Name	Signature
	Witnessed by	
	Signature of Witness	
	: :	Management And Milliams (specifically as a construction of the first angular Milliams) and the first angular Milliams (specifically as a construction of the first angular Milliams).
		Date
(6)	Reijo Lehtiniemi	
	Assignor Name	Signature
	Witnessed by	
	Signature of Witness	
		Date
(7)	Jukka Ilmari Rantala	
()	Assignor Name	Signature
	Witnessed by	
	Signature of Witness	
		Date
(0)		
(8)	Ramin Vatanparast Assignor Name	Signature
	Witnessed by	
	Signature of Witness	
		Date

6