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Yes
No 6 Total number of applications Name and address of party to whom correspondence concerning document should be and/or patents involved: One (1) 7. Total fee (37 CFR 3.41): \$40.00 Name: Jubin Dana, Esq. Address: Nokia Inc. MD 1-4-755 **Enclosed** 6000 Connection Drive Charge deposit account Please charge any fee deficiency to deposit account City: Irving 8. Deposit account number: 50-0270 ZIP Code: 75039 State: TXDO NOT USE THIS SPACE 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.

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PATENT

	For For By:	: PCT Application			
ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)					
		IGNEE to ASSIGNORS of the sum of by acknowledged, and for other good			
ASSIGNORS (Inventors):					
Thomas F. Dunleavy (type or print name of inventors)	-	3600 South Harbor Blvd. #303 Address			
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(Nationality)	_				
(type or print name of inventors)	-	Address			
(Nationality)	-				

For:

[Assignment of Invention–Multiple Inventors (16-3.2)–page 1 of 3]

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hereby	/ sells, a	assigns and transfers to	
ASSIGN	NEE:	NOKIA MOBILE PHONES LIMITED	
		[type or print name(s) of ASSIGNEE(S)]	
		KEILALAHDENTIE 4	
		Address	
		02150 ESPOO	
		FINLAND	
		Nationality	
and th	e succe	essors, assigns and legal representatives of the ASSIGNEE	
		(complete one of the following)	
	\boxtimes	the entire right, title and interest	
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for the	United	States and its territorial possessions	
(check the following box, if foreign rights are also to be assigned)			
	\boxtimes	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:	
	<u>Pe</u>	rsonal Communications Device with Full Keyboard and Gaming Features	
		[check and complete (a), (b), (c), (d), (e), (f) or (g)]	
and which is found in			
(a)	\boxtimes	U.S. patent application executed on even date herewith	
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(c)`		U.S. provisional application naming the above inventor(s) for the above-	
		entitled invention.	
		Express mail label no.: Mailed:	
		To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.	
(d)		U.S. application no filed on	
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		[also check (g), if application(s) is also being assigned)	
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and ir	n and to	all Letters Patent to be obtained for said invention by the above	

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

[Assignment of Invention-Multiple Inventors (16-3.2)-page 2 of 3]

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant 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 ASSIGNORS 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.

WARNING: The date of signing must be the date of execution of this application, if item (a) was checked above.

SIGNATURE OF ASSIGNOR(S)

DATE SIGNED

RECORDED: 08/04/2000

	Aug 2000 DATE	Name of Inventor: Thomas F. Dunieavy
	DATE	Name of Inventor:
	DATE	Name of Inventor:
	DATE	Name of Inventor:
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