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16	Other:	Country: Finland			
3 F 2	Execution Date: 1 and 2 signed on February 14, 2001, 3 signed on February 15, 2001, 4 and 5 signed on February 19, 2001, 6 and 8 signed on February 21, 2001, 7 signed on February 20, 2001	Additional name(s) & address(es) attached? Yes No			
A	 Application number(s) or patent number(s): If this document is being filed together with a new application, the content Application No.(s): 09/756,346 Additional numbers attaged. 	B. Patent No.(s):			
5	5. Name and address of party to whom correspondence	6. Total number of applications			
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PATENT

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PATENT

	For: ⊠ U.S. and/or ⊠ Foreign Rights For: ⊠ U.S. Application or ☐ U.S. Provisional Application For: ☐ U.S. Patent					
	For: PCT Application By: Inventor(s) or Present Owner					
ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)						
	by ASSIGNEE to ASSIGNORS of the sum of is hereby acknowledged, and for other good					
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[Assignment of Invention-Multiple Inventors (16-3.2)-page 1 of 5]

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[Assignment of Invention–Multiple Inventors (16-3.2)–page 2 of 5]

hereby sells, assigns and transfers to				
ASSIG	NEE:	NOKIA CORPORATION		
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		Address		
		FIN-02150 ESPOO, FINLAND		
		FINNISH		
		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		
		an undivided percent (%) interest		
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 anv	and all improvements which are disclosed in the invention entitled:		
		AUTHENTICATION IN A PACKET DATA NETWORK		
		[check and complete (a), (b), (c), (d), (e), (f) or (g)]		
and w	nich is i	found in		
(a)		U.S. patent application executed on even date herewith		
(b)		U.S. patent application executed on		
(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)	\boxtimes	U.S. application no. 09/ <u>756,346</u> filed on <u>8 January 2001</u>		
(e)		International application no. PCT/		
(f)		U.S. patent no issued		
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		[also check (g), if application(s) is also being assigned)		
(g)	\boxtimes	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 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 3 of 5]

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.

DATE SIGNED Shruary	SIGNATURE OF ASSIGNOR(S)
14th 2 2001	Name of Inventor: Henry Haverinen
14th February 2001 DATE	Name of Inventor: Jukka-Pekka Honkanen
15th February 2001 DATE	Antti Kubhos Name of Inventor: Antti Kuikka
DATE	Name of Inventor: Nadarajah Asokan
DATE	Name of Inventor: Patrik Flykt
1945 February 2001 DATE	Name of Inventor: Juha Ala-Laurila
19th February 2001	Name Inventor: Jyri Rinnemaa
21st February 2007	Multialii Name of Inventor: Timo Takamäki
DATE	Name of Inventor: Raimo Vuonnala
20th February 2001	Name of Inventor: Jan-Erik Ekberg
DATE	Name of Inventor: Tommi Mikkonen

[Assignment of Invention-Multiple Inventors (16-3.2)-page 4 of 5]

21	DATE DATE	Name of Inventor: Petri Aalto
	DATE	Name of Inventor: Seppo Honkanen
NOTE:	No witnessing, notarization or legalization is	necessary. If the assignment is notarized or
	notarization is desired.	dence of execution. 35 USC 261. Use next page if

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RECORDED: 03/30/2001