03-04-1999



Rec'd PCT/PTO 17 JUN 1998

	'ER SHEET TENTS ON				- , 1
100979742	A	09	/0 5	#14	<u> </u>

MWD 6:11:98	100979742	ILEN 19 ON	80/091	500			
TO THE HONORABLE COM.	TATENIS A	ND TRADEMARKS:	0 7/0				
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.							
1. NAME OF CONVEYING PA	ARTY(IES) (ASSIGNOR(S)):						
1. LAHTINEN, Lauri 2. 3. 4.		5. 6.					
2. 3.		16. 17.					
		8.					
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES X NO							
2. PARTY(IES) (ASSIGNEE(S							
NAME: NOKIA TELECOMMUNICATIONS OY							
ADDRESS: Keilalahdentie 4 FIN-02150 Espoo Finland							
ADDITIONAL NAME(S) & ADD	RESS(ES) ATTACHED?	YES	X]NO			
NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith only one document for recordation multiple copies of same Assignment signed by different							
inventors is one document) X ASSIGNMENT OF	X WHOLE PAR	T INTEREST EXEC. D	ATE: Fabruar	, 6 1008			
A ASSIGNMENT OF	PAR	INTEREST EXEC. D	AIE. February	y 0, 1330			
CHANGE OF NAME	VERIFIED TRANSLATI	ON					
	OCED COTUED.						
SECURITY ME	RGER OTHER:	09/091336					
4. EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) February 6, 1998							
			10 T 1/50				
4.5 APPL. NO.(S) OR PAT NO	D.(S). OTHERS ON ADDIT	IONAL SHEET (S) attach	ed? YES	X NO			
A. PAT. APP. NO.(S) M# series code/serial no	1ST INVENTOR if not in item 1	B. PATENT NO(S)	M#	1ST INVENTOR if not in item 1			
			<u> </u>				
Name & Address of Party to Concerning Document Shou	o Whom Correspondence	6. NUMBER INVOLVI	ED:				
Concerning Document Chou	id be Mailed.	APPLNS + PATS	S: = TOTAL				
	7. AMOUNT OF FEE ENCLOSED: (Code 581)						
Pillsbury Madison & Sutro Li Intellectwal/Property/Group:	L P 36	ABOVE TOTAL X \$	640 = 40 C				
I1100 NEW YORK AVENUE. N	.W.	,					
NM THI FLOOR, EAST TOWER (2005) WASHINGTON, D.C. 20005-3918							
5.5 ATTY DKT:		8. IF ABOVE FEE IS MISSI	NG OR INADEQUA	TE CHARGE			
	2052246116742062777	INSUFFICIENCY TO DEI	1	UMBER: 03-3975 254740			
254740 MATTER NO.	2952216US/42863/VK CLIENT REF.	dup, sheet not required	60258 CLIENT NO.	MATTER NO.			
WATTER NO.	CLIENT REF.	day, anest not require	CLIENT NO.	WATTER NO.			
9. STATEMENT AND SIGNATURE.							
9. STATEMENT AND SIGNATURE. To the best of proving whedge and belief, the foregoing information is true and correct and any attached copy is a true copy of the proving placement.							
WALK I	ic	Total number of pages i	•	2			
Signature	———— I cove	er sheet, attachments an	d document				
_		not file dup. Cover sheet)				
Attorney: David W. Brir	ıkman	Dati	47 4000				
Reg. No. 20,817	(000) 001 0000	Date: June					
Atty/Sec: DWB:mhn TEL	.: (202) 861- 3033	Fax: (20	2) 822-0944				

FILE WITH PTO RETURN RECEIPT(PAT-103A)

REEL: 9788 FRAME: 0159

Please return signed/recorded to: Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro LLP Ninth Floor, East Tower 1100 New York Avenue, N.W. Washington, D.C. 20005-3918

USA Patent Appln. Sole or Joint

For Inventions made outside USA executed with or after application Atty. Dkt.

2952216US/42863/VK Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

	(1) Lauri LAHTINEN	(4)	· · · · · · · · · · · · · · · · · · ·			
SERT LME(S) OF	(2)	(5)				
VENTOR(S)	(3)		x if continued on page 2			
	sufficiency of which are here transfer(s) unto:	by acknowledged by the undersigned.	ed who at the request of, hereby sell(s			
SERT	Nokia Telecommunications Oy					
ME(S) OF	Keilalahdentie 4					
SIGNÉE(S) ADDRESS(ES)	FIN-02150 Espoo					
	Finland					
S.C. 100, in reof; and all	signated "ASSIGNEE") the e the invention and all applicati I resulting patents, known as	ntire right, title and interest for the U ons including any and all divisions,	nited States of America as defined in continuations, substitutes, and reissu			
TLE OF VENTION	Inter-MSC handove	r in high-speed data trar	nsmission			
signs and leg	AND the undersigned here ks to issue said Letters Paten gals representatives; the under sign behalf of said ASSIGNER	by authorize(s) and request(s) the late to the said ASSIGNEE, for its interesting agree(s) that the attorney of				
e in and to th TE → → Isbury Madis	ne invention hereby transferre The undersigned hereby a	d. uthorize(s) Cushman Darby & Cush	ny papers for ASSIGNEE, its E to ASSIGNEE'S full protection and man Intellectual Property Group of entification necessary or desirable for			
2	INVENTOR(S)	DATE SIGNED	WITNESSES			
M.	my muty	W 6/2/48	Le V			
ame: Lau	ri Lahtinen					
ame:						
						
ame:						
ame: ame: ame:						

CDC-114 9/96

PATENT

RECORDED: 06/17/1998 REEL: 9788 FRAME: 0160