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1. NAME OF CONVEYING PART 1. Lin XU	1 Y (1ES) (ASSIGNORS(S)):	2. Toni PAILA		11 6
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7.		8.	E C	<u>, E</u> /
ADDITIONAL NAME(S) OF CON	IVEYING PARTY(IES) ATTACH	ED? □YES ☑NO	(A)	MADEMARK
2. PARTY(IES) (ASSIGNEE(S))	RECEIVING INTEREST:			
NAME: Nokia Corporation				
ADDRESS: Keilalahdentie 4, FIN	I-02150 Espoo, FINLAND			
ADDITIONAL NAME(S) & ADDR	ESS(ES) ATTACHED? TYES	; ⊠no		
3. NATURE OF CONVEYANCE				<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
	cument for recordation—multiple	e copies of same Assign	ment signed by differe	ent inventors is one
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⊠ASSIGNMENT OF ⊠ORIGINAL		2002	DATE: 1) August 19,	2002; August 16,
CHANGE OF NAME	VERIFIED TRANSLATION	2002		
SECURITY MERGER	OTHER:	<u> </u>		
EXECUTION DATE(S) ON THE		WITH: (NOTE: IF DATE	S ON DECLARATIO	N AND
ASSIGNMENT DIFFER SEE AT				
4.5 APPL. NO.(S) OR PAT NO.(S]YES ⊠NO	
A. PAT. APP. NO.(S) M#	1" INVENTOR	B. PATENT NO(S)	M#	1ª INVENTOR
series code/serial no 10/185,716 292906	if not in Item 1			if not in item 1
5. Name & Address of Party to V	·	6. NUMBER INVOL	/FD·	
Concerning Document Should		APPLNS 1 + PAT		<u>1</u>
Pillsbury Winthrop LLP		7. AMOUNT OF FEE	DUE: (Code 581)	-
Intellectual Property Group		ABOVE TOTAL x \$		
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5.5ATTY DKT:		8. PLEASE CHARGE T NUMBER: 03-3975	O OUR DEPOSIT ACC	OUNT
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Signature Attorney: Dale S. Lazar	9			
Reg. No. 28872	\	Date: March 25, 20	13	
	TEL: (703) \$05-2126	FAX: (703) 90		
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SIR: PLEASE RECORD THE ATTACHED OR 1022	248 89 1 <u>F.</u>
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):	,
1. Lin XU	2. Toni PAILA
3.	4.
5. 7.	6. 8.
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACH	·
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2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: Nokia Corporation	
MANUE. NOMA COIPOTABOTI	
ADDRESS: Keilalahdentie 4, FIN-02150 Espoo, FINLAND	
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES	S 🖾 NO
3. NATURE OF CONVEYANCE (DOCUMENT):	
	e copies of same Assignment signed by different inventors is one
document)	DEST. EVEC DATE 4) A 40, 2000, 0) A 40
☐ ASSIGNMENT OF ☐ WHOLE ☐ PART INTE	REST EXEC. DATE: 1) August 19, 2002; 2) August 16, 2002
☐CHANGE OF NAME ☐VERIFIED TRANSLATION	2002
SECURITY MERGER OTHER:	
EXECUTION DATE(S) ON THE DECLARATION IF FILED HERE	WITH: (NOTE: IF DATES ON DECLARATION AND
ASSIGNMENT DIFFER <u>SEE ATTY!</u>)	
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5. Name & Address of Party to Whom Correspondence	6. NUMBER INVOLVED:
Concerning Document Should be Mailed:	APPLNS $\underline{1}$ + PATS $\underline{0}$ = TOTAL = $\underline{1}$
Pillsbury Winthrop LLP Intellectual Property Group	7. AMOUNT OF FEE DUE: (Code 581) ABOVE TOTAL x \$40 = \$40
P.O. Box 10500 McLean, VA 22102	ABOVE (OTAL X \$40 - \$40
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5.5ATTY DKT:	8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT
	NUMBER: 03-3975
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P 292906 MATTER NO. CLIENT REF. 9. To the best of my knowledge and belief, the foregoing information the original document. Signature Attorney: Christine H. McCarthy	NUMBER: 03-3975 UNDER ORDER NO 60258 292906 dup. sheet not required CLIENT NO. MATTER NO. ation is true and correct and any attached copy is a true copy of 10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)
P 292906 MATTER NO. CLIENT REF. 9. To the best of my knowledge and belief, the foregoing informative original document. Signature Attorney: Christine H. McCarthy Reg. No. 41844	NUMBER: 03-3975 UNDER ORDER NO 60258 292906 dup. sheet not required CLIENT NO. MATTER NO. ation is true and correct and any attached copy is a true copy of 10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) Date: October 3, 2002
P 292906 MATTER NO. CLIENT REF. 9. To the best of my knowledge and belief, the foregoing informative original document. Signature Attorney: Christine H. McCarthy Reg. No. 41844 Atty/Sec: CHM/jrh TEL: (703) 905-2143	NUMBER: 03-3975 UNDER ORDER NO 60258 292906 dup. sheet not required CLIENT NO. MATTER NO. ation is true and correct and any attached copy is a true copy of 10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

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Pillsbury Winthrop LLP Intellectual Property Group P.O. Box 10500 McLean, VA 22102

USA Patent Appln. Sole or Joint

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

NONPROVISIONAL

	OF NONPROVISIONA	L APPLICATION				
the undersigne	In consideration of the sum of Ten Dollars (\$10.00) ed, to wit:	and other good and v	aluable consideration paid to each of			
INSERT	(1) Lin XU	(2) Toni PAILA			
NAME(S) OF	(3)	(4				
INVENTOR(S)	(5)		x box if continued on page 2			
the receipt and and transfer(s)	sufficiency of which are hereby acknowledged by the unto:	undersigned who at the	ne request of, hereby sell(s), assign(s)			
INSERT	NOKIA CORPORATION					
NAME(S) OF	Keilalahdentie 4					
ASSIGNEE(S)	FIN-02150 Espoo					
& ADDRESS(ES	3) Finland	···				
	ted "ASSIGNEE") the entire right, title and interest for the United States of continuations, substitutes, and reissues thereof; and all resulting patents,		c. 100, in the invention and all applications including			
TITLE OF INVENTION	Packet routing in a multi-bearer-type network					
	for which the undersigned executed an application for Letters Patents of the United States of America:					
$\underline{NOTE} \to \to$	(A) 🔲 even date herewith					
(Complete	(B) on					
line A, B and/or	rC) (C) M in U.S. Appln. No. 10 / 185,716	filed	1 July 2002			
AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. NOTE The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.						
IN	<u>VENTORS</u>	DATE SIGNED	WITNESSES A			
1):	/2~	19 Ang 2002	Jam Jos			
Name: L	in Xu	% *	V			
2)						
	oni Paila					
3)						
Name:						
4) Name:						
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For Inventions made outside USA executed with or after application			
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ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:							
INSERT		(1) Lin XU			(2) Toni PAILA		
NAME(S) OF	=	(3)			(4)		
INVENTOR((5)			x box if continued on page 2		
the receipt a and transfer			nowledged by the	e undersigned who at	the request of, hereby sell(s), assign(s)		
INSERT		NOKIA CORPORATION					
NAME(S) OF	=	Keilalahdentie 4					
ASSIGNEE(S	S)	FIN-02150 Espoo					
& ADDRESS	(ES)	Finland					
TITLE OF INVENTION NOTE → → (Complete	for which the undersigned executed an application for Letters Patents of the United States of America: NOTE → → (A) □ even date herewith						
line A, B and	d/or C)	(C) 🔀 in U.S. Appln. No	10 / 185,716	filed	1 July 2002		
hereinafter act of	for its inter on behalf of AN SIGNEE to / The	est as ASSIGNEE, its successors, assigns said ASSIGNEE; D the undersigned hereby agree(s) to testif ASSIGNEE'S full protection and title in and e undersigned hereby authorize(s) Pillsbury	and legals representary y and execute any parto the invention hereby	tives; the undersigned agree(s ers for ASSIGNEE, its succes r transferred.	nts and Trademarks to issue said Letters Patent to the) that the attorney of record in said application shall sors, assigns and legal representatives, deemed any further identification necessary or desirable for		
	INVENT	ORS		DATE SIGNED	<u>WITNESSES</u>		
1):							
Name: 2)	Lin Xu	-, e_		16/8/2002	Con von and		
Name:	Toni P	<i>(თა '</i>		(0 /			
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