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Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)			U.S. DEPARTMENT OF CO U.S. Patent and Tradem	
To the Honorable Commissioner o	1026645	49	ched original documents or copy the	ereof.
Name of conveying party(ies): RASANEN, JUHA A. CURCIO, IGOR	1.30.04		dress of receiving party(ies)	
Additional name(s) of conveying party(i	es) attached? ☐ Yes ☒ No	Internal Address:		s. PTO 845
Nature of conveyance:				0.5
_		Street Addres	s:	16834
	☐ Merger ☐ Change of Name		Keilalahdentie 4, FIN-02150 Espoo, Finland	168
Execution Date: January 30, 2004, a	nd January 28, 2004.	City:	State: Zip:	
		Additional nar	ne(s) & address(es) attached?	es 🛭 No
Application number(s) or patent num If this document is being filed togeth A. Patent Application No.(s)		execution date of the B. Patent Regis	ne application is: <u>January 30, 2004</u> stration No.(s)	i.
Additional number(s) attached ☐ Yes ☒ No				
Name and address of party to whon concerning document should be ma	•	6. Total number of	of applications and patents involved	<u> </u>
Name: Antonelli, Terry, Stout & Kraus, LLP		7. Total fee (37 CFR 3.41)		
Internal Address:		☐ Authorized	d to be charged to deposit account	
1300 North Seventeenth Stree Suite 1800 Arlington, VA 22209	et	8. Deposit accou	unt number:	
USA			01-2135	
City: State: Zip:		(Attach duplicate	copy of this page if paying by depos	it account)
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9. Statement and signature. To the best of my knowledge and is a true copy of the original document. To the best of my knowledge and is a true copy of the original document.	nd belief, the foregoing info		nd correct and any attached copy	,
Hung H. Bul. Reg# 40.415 Name of Person Signing O1/30/2004 Date				
Total number of pages including cover sheet, attachments, and document: 2				
Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231 HDERESSI 00000025 10766845				
40.00 GP				

PATENT REEL: 014950 FRAME: 0469

ATTY. DOCKET NO.: 0172.42471X00

ASSIGNMENT

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

DYNAMIC MEDIA AUTHORIZATION IN MOBILE NETWORKS

For which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.

For which U.S. Application Serial No.

for Letters Patent was filed in the U.S. Patent and Trademark Office on

for which an International Application was filed on

us

, designating the United States.

AND WHEREAS

NOKIA CORPORATION

Keilalahdentie 4,

FIN-02150 Espoo, Finland

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filting or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and accurring Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	NVENTOR)S SIGNATURE	DATE
	Juha A. RÄSÄNEN	July Coram	30 January, 2004 28 JANUARY 2004
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE (
	Igor CURCIO	followe.	28 DANUARY 2004
203	FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE.
304	FULL NAME OF FOURTII JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
205	FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207	FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
208	FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
309	FULL NAME OF NINTII JOINT INVENTOR	inventor's signature	DATE
210	FULL NAME OF TENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
211	FULL NAME OF ELEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
212	FULL NAME OF TWELFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
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PATENT REEL: 014950 FRAME: 0470

RECORDED: 01/30/2004