	2-13-2005 U.S. Department of COMMERCI United States Patent and Trademark Office
RECOI	
To the Director of the U.S. Patents and Trademark Office: Plea	03136401 s or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s): Ari AARNIO Peter DAM NIELSEN	2. Name and address of receiving party(ies)
Ari IKONEN Kyösti KOIVISTO	Name: Nokia Corporation
Christian KRAFT and Pekka TALMOLA	111298
Execution Date(s) <u>November 30, 29, 29, 29, 29 and</u> <u>29, 2005</u> Additional name of conveying party(ies) attached? Yes X No	Street Address: Keilalahdentie 4
3. Nature of conveyance:	City: ESPOO
🛛 Assignment 🗌 Merger	State:
Security Agreement Change of Name Government Interest Assignment	Country: FINLAND Zip: FIN-02150
Executive Order 9424, Confirmatory License	Additional Name(s) & address(es) attached? 🗌 Yes 🛛 No
Other	
 A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence 	B. Patent No.(s) ttached? ☐ Yes ⊠ No 6. Total number of applications and patents involved: 1
concerning this document should be mailed: Name: Banner & Witcoff, Ltd.	
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40
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Street Address: 1001 G Street, N.W.	☐ Enclosed
City: Washington	None required (government interest not affecting title)
State: DC Zip: 20001-4597	8. Payment Information
Phone Number : 202-824-3000	8. Payment Information # a. Credit Card Last 4 Numbers Expiration Date # b. Deposit Account Number 19-0733
Fax Number:202-824-3001	Expiration Date 8 8 b. Deposit Account Number <u>19-0733</u>
Email Address:	
9. Signature : Man, hh	Authorized User Name Bradley C. Wright December 2, 2005 Date Total number of pages including cover sheet attachments and documents
Signature	Date Date
Bradley C. Wright, Reg. No. 38,061	Total number of pages including cover
Name of Person Signing	

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 017327 FRAME: 0653

ASSIGNMENT

WHEREAS, we, Ari Aarnio, residing at Alaportti 1 A 3, 02210 Espoo, Finland, Peter Dam Nielsen, residing at Holmelins Tværvej 9, DK-2800 Kgs. Lyngby, Denmark, Ari Ikonen, residing at Kaivokuja 12, 21280 Raisio, Finland, Kyösti Koivisto, residing at Vaakunatie 21 B4, 20780 Kaarina, Finland, Christian Kraft, residing at Carit Etlarsvej 22, 3tv., DK-1814 Frederiksberg C, Denmark, and Pekka Talmola, residing at Varpusenkatu 2, FIN-20240 Turku, Finland (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 004770.00620 and having the title

COMBINED RECEIVER FOR DVB-H AND DVB-T TRANSMISSIONS

which application is executed concurrently herewith by each respective inventor, unless the following box is checked:

[] was filed on ______ as U.S. Application Serial No. or PCT International Application Number ______

and WHEREAS

Nokia Corporation Keilalahdentie 4 FIN-02150 ESPOO FINLAND.

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and

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enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date:	30.112005	Inventor:	Ari Aarnio
Date:		Inventor:	Peter Dam Nielsen
Date:	29.11.2005	Inventor:	Ari Ikonen
Date: 4	£2.11. 2005	Inventor:	Kyösti Koivisto
Date:		Inventor:	Christian Kraft 11
Date:	29.11,2003	Inventor:	Pekka Talmola

Note: No legalization or other witness required.

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Joint Assignment Attorney Docket No. 004770.00620 enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date:		Inventor:	Ari Aarnio
Date:	29 _/11-2005	Inventor:	<u>Peter Rom Nielsen</u> Peter Dam Nielsen
Date:		Inventor:	Ari Ikonen
Date:		Inventor:	Kyösti Koivisto
Date:	29/11-2005	Inventor:	Unchan Uvaft Christian Kraft
Date:		Inventor:	Pekka Talmola

Note: No legalization or other witness required.

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