To the Honorable Commiss



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U.S. DEPARTMENT OF COMMERCE

riginal documents or copy thereof.

Patent and Trademark Office Docket No.: 4039/0K231

1.	Name	of	conveying	party	ies	):
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Janne LOISKE; Jorma PITKONEN; Michael CORANDER

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment

er of Patents

Security Agreement

Change of Name []

Other П

Execution Date: 6 February 2002, 6 February 2002 and 6 February 2002

2. Name and address of receiving party(ies):

Name: Nokia Corporation

Internal Address:

Street Address: Keilalahdentie 4

City: Espoo State: Finland Zip: FIN-02150

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

EXPRESS MAIL CERTIFICATE If this document is being filed together with a new application, the execution date of the application is:

Date 3 22/02 Label No.

I hereby certify that, on the date indicated above, this paper or

A. Patent Application No.(s)

29/154,585

tee was deposited with the U.S. Postal Service & that it was B. Patent autoespad for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office

to Addressee" service.

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Darby & Darby P.C.

Internal Address: Paul Fields

Street Address: 805 Third Avenue, 27th Floor

City: New York State: New York Zip: 10022-7513

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6. Total number of applications and patents involved:

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7. Total fee (37 CFR 3.41):.....\$ 40.00

[X] Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

04-0100

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Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul Fields (20,298) Name of Person Signing

March 22, 2002

Date

Total number of pages including cover sheet, attachments, and document:

3

## ASSIGNMENT - PATENT APPLICATION UNITED STATES OF AMERICA

Whereas, I/We (1) **Janne LOISKE** of Tammitie 2, as 31, FIN-20540 Turku, Finland, **Jorma PITKONEN** of Rauhankatu 23 E 52, FIN-20100 Turku, Finland and **Michael CORANDER** of Fagelsangsvagen 52, SE-591 70, Motala, Sweden (hereinafter "Assignor") have invented certain new and useful improvements in (2) **SET-TOP-BOX** for which application for Letters Patent in the United States of America (3) \_\_ is about to be filed; × has been filed.

And Whereas, (4) NOKIA CORPORATION of (5) Keilalahdentie 4, FIN-02150 Espoo, Finland (hereinafter "Assignee") is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor:

Now, Therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) the Assignor has assigned, transferred and set over, and by these presents does assign, transfer and set over unto the said Assignee for the territory of the United States of America, the full and exclusive right, title and interest in and to the said invention, as fully set forth and described in the specification

inventio	n, as fully set forth and described in the specification					
(6)	A. prepared and executed on (7)					
(6)	B. filed in the U. S. Patent and Trademark Office under Ser. No. (8) 29/154,585 on (9) 25 January 2002					
	including any division, continuation, substitute or renewal application thereof; said invention, application and					
Letters 1	Patent to be held and enjoyed by said Assignee to the full end of the term for which said Letters Patent is granted, as fully and					
entirely	as the same would have been held by the Assignor had this assignment and transfer not been made.					
	Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent					
for said	invention to said Assignee.					
(10)	In testimony whereof, the Assignor has hereunto set his hand this  Byte day of the literary 20 CZ					
WITNE	SSES: INVENTOR(S):					
	2) Juni Villian					

 $(3)_{-}$ 

PATENT REEL: 012727 FRAME: 0144

## ASSIGNMENT - PATENT APPLICATION UNITED STATES OF AMERICA

Whereas, I/We (1) Janne LOISKE of Tammitie 2, as 31, FIN-20540 Turku, Finland, Jorma PITKONEN of Rauhankatu 23 E 52, FIN-20100 Turku, Finland and Michael CORANDER of Fagelsangsvagen 52, SE-591 70, Motala, Sweden (hereinafter "Assignor") have invented certain new and useful improvements in (2) SET-TOP-BOX for which application for Letters Patent in the United States of America (3) \_ is about to be filed; \_x has been filed.

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Letters	Patent to be held and enjoyed by said Assignee to the full end of the term for which said Letters Patent is granted, as fully and				
entirely as the same would have been held by the Assignor had this assignment and transfer not been made.					
	Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent				
for said	invention to said Assignee.				
In testimony whereof, the Assignor has hereunto set his hand this					
(10)	0) GTH day of FEBRUARY 2007				
WITNE	` '				
Mar	pare le sed (1) Monday somit				
	(2)				

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**RECORDED: 03/22/2002** 

PATENT REEL: 012727 FRAME: 0145