	06-25	-2001	Altera Docket No. 781-394USW1
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			Patent and Trademark Office
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Name of conveying party	(les) MRD	2. Name and address	of receiving party(ies):
Matti Iskanius	G-19-01	Nokia Networks Oy Keilalahdentie 4 FIN-02150 Espoo, FINLAND	7 19
Additional names(s) of conveying page	rty(ies) ☐ Yes ⊠ No	Additional name(s) & addresse	es attached? ☐ Yes ⊠ No
3. Nature of conveyance:			
	☐ Merger☐ Change of Name		
4. Application number(s) or	natant number(s)		
	filed together with a new applic	ation, the execution date o	of the application is:
A. Patent Application Numb	er(s)	Patent Number(s)	
	Additional numbers at	tached? 🔲 Yes 🗵 No	
5. Name and address of paconcerning document should Name Michael B. L Address: Altera Law 6 6500 City W Minneapolis	ty to whom correspondence be mailed: asky	6. Total number of app 7. Total fee (37 C.F.R. ☐ Enclosed – Any credited or debit	excess or insufficiency should be ed to deposit account arged to deposit account
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copy of the original docu 2/2001 TDIAZ1 00000101 098082	edge and belief, the foregoing in ment.	gnature	ect and any attached copy is a true 14 June 2001 Date
Hame of Folder organis		Total number of pages including	g cover sheet, attachments, and document: 2
paper, as des sufficient pos 20231 on <u>14</u>	hael B. Lasky	ned hereby certifies that this Transe United States Postal Service, a sistant Commissioner for Patents,	nsmittal Letter and the as first class mail, with Washington, D.C.

PATENT REEL: 011908 FRAME: 0921

ASSIGNMENT

has invented certain new and useful improvements in Method and apparatus for measuring for which Lam about to make (I/We have made—or am/are about to make) Patent of the United States of America; AND WHERAS, NOKIA NETWORKS OY Keilalahdentie 4, FIN-02150 Espoo, Finland desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States; NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of one Dollars (\$1 to me in hand paid, the receipt of which is hereby acknowledged I have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said Nokia Networks OV * mv entire right, title, and interest in and to the said invention as fully set forth and described in the: lete a) specification prepared and executed by on the day of 20, publicable b) application filed on the 14 day of September, 3x1999, Serial No. PCT/F199/00754 beld and enjoyed by the said Nokia Networks OV for their own use and behoof, and for their legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held	WHEREAS, Matti ISKANIUS, Kallenkuja 4 as. 11, FIN-90500 Oulu, Finland	
For which 1 am about to make (I/We have made—or am/are about to make) Patent of the United States of America; AND WHEREAS, NOKIA NETWORKS OY Keilalahdentie 4, FIN-02150 Espoo, Finland desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States; NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of one Dollars (\$1 to me in hand paid, the receipt of which is hereby acknowledged I have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said Nokia Networks Oy * my entire right, title, and interest in and to the said invention as fully set forth and described in the: lete a) specification prepared and executed by on the day of 20 20 50 preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said Nokia Networks Oy for their own use and behoof, and for their legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. IN TESTIMONY WHEREOF, hereunto set hand and affix seal at this 12 day of March A.D. 20 01 10 10 10 10 10 10 1		
for which I am about to make (I/We have made—or am/are about to make) Patent of the United States of America; AND WHEREAS, NOKIA NETWORKS OY Keilalahdentie 4, FIN-02150 Espoo, Finland desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States; NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of one Dollars (\$1 to me in hand paid, the receipt of which is hereby acknowledged I have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said Nokia Networks Oy * my entire right, title, and interest in and to the said invention as fully set forth and described in the: the text		
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a) specification prepared and executed by on the day of, 20, applicable b) application filed on the 14 day of September, 201999, Serial No. PCT/F199/00754 preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said Nokia Networks Oy for their own use and behoof, and for their legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by had this assignment and sale not been made. IN TESTIMONY WHEREOF, hereunto set hand and affix seal at this 12 day of March, A.D. 20 01	* my entire right, title, and interest in and to the said inve	ention,
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PATENT
RECORDED: 06/19/2001 REEL: 011908 FRAME: 0922

^{*} State whether the full and exclusive right, or what part of the whole interest is assigned.