Rev. 6-93)	U.S. Department of Com 102228624 Patent and Trademark	
MB No. 0651-0011 (exp. 4020148 PAL	Attorney Docket No. 915-005.003	
	arks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): 09.16.02 Henry RANTANEN and Jukka YRJÄNÄINEN	2. Name and address of receiving party(ies).	
Additional name(s) of conveying party(ies) attache	ed? NOKIA CORPORATION Ed? Keilalahdentie 4 FIN-02150 Espoo FINLAND	
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A. Patent Application No.(s)	B. Patent No.(s)	
10/161,109		
Additional number	rs attached?	
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved:1	
Alfred A. Fressola Ware, Fressola, Van Der Sluys & Adolphson L Bradford Green, Building Five	 7. Total fee (37 CFR 3.41) \$ 40.00 ∑ Enclosed □ Authorized to be charged to credit card as shown on attached form PTO-2038 	
755 Main Street P.O. Box 224 Monroe, CT 06468-0224	8. Deposit account number: <u>23-0442</u> (Attach duplicate copy of this page if paying by deposit account.)	
Statement and signature:	,	
copy of the original document. Alfred A. Fressola, Reg. No. 27,550	formation is true and correct and only attachment copy is a true September 9, 2002	
	cover sheet, attachments, and document: <u>3</u>	

PATENT REEL: 013294 FRAME: 0881 ••••• •

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, HENRY RANTANEN and JUKKA YRJÄNÄINEN, citizens of Finland and residing at Näreikönkatu 7, FIN-33820 Tampere, Finland; and Ollinmäentie 5, FIN-33480 Ylöjärvi, Finland, respectively, hereby sell, assign and transfer to NOKIA CORPORATION, an organization duly organized and existing under the laws of Finland, and having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in CONTROL OF A FLASH UNIT IN A DIGITAL CAMERA, which is described in an application for Letters Patent of the United States, Serial Number 10/161,109, filed May 31, 2002 and which claims priority from Finnish patent application 20011155 filed on June 1, 2001; identified by Ware Fressola, Van Der Sluys & Adolphson LLP docket number 915-005.3; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions in all countries be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and claim such right of priority without further written or oral authorization from us.

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We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be subscituted for it.

We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at	filling de Le	this
day of	, 2002.	
	Henry Ra	ntanen
	Jukka Yr	jänäinen 🖉 🧳

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness	Jan Sam	_ Date	- 14 July 2007,
	0		
Witness	- QCC	_ Date	o in Vily 202

RECORDED: 09/16/2002