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REC	ORDATION FORM COVER SHEET	U.S. Department of Commo Patent and Trademark Of		
orm PTO-1595 REV. Rev. 6-93)				
410.45	PATENTS ONLY Attorney Docket No.			
To the Honorable Commissioner of Paten	Attorney its and Trademarks: Please record the attached origina	a documents of copy dest		
1. Name of conveying party(ies): Toni ÖSTERGARD Additional name(s) of conveying part	2. Name and addres NOKIA CO	)RPORATION tie 4 (spoo		
<ul> <li>3. Nature of conveyance:</li> <li>I Assignment □ Merger</li> <li>□ Security Agreement □Change of</li> <li>□ Other</li> <li>Execution Date: February 6, 2008</li> </ul>		and address(es) attached? Yes 🗵 No		
4. Application number(s) or patent numb	er(s): tether with a new application, the execution date  B. Patent No (s)	of the		
11/988,339				
٨	dditional numbers attached? 디 Yes 区 No			
5. Name and address of party to whom correspondence concerning document	m 6. Total number of applic nent involved:	1		
should be mailed: Alfred A. Fressola Ware, Fressola, Van Der Sluys d		be charged to credit card as ched form PTO-2038		
Bradford Green, Building Five 755 Main Street P.O. Box 224 Monroe, CT 06468-0224	9 Demonit account num			
Statement and signature:				
of the original document. <u>Alfred A. Fressola, Reg. No. 27.</u> Name of Person Signing	330 / Signature	<u>ry 14, 2008</u> Date		
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PATENT

REEL: 020521 FRAME: 0687

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Application Serial No. 11/988,339 Attorney Docket No. 915-007.271

# ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, I, **Toni ÖSTERGÅRD**, a citizen of Finland residing at , **TO** Pampinkatu 16 D 21, FIN-20900 Turku, Finland, 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 **Manufacturing of Optical Waveguides**, which is described in PCT International Patent Application No. **PCT/IB05/001928** filed on **July 7**, **2005**, which was transmitted to the United States Patent and Trademark Office by the International Bureau, for which commencement of the national stage in the U.S.A. is sought under an application for Letters Patent of the United States now bearing serial number **11/988,339**, in furtherance of which a Declaration in accordance with 35 U.S.C. 371 is executed by me on even date herewith; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

I 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.

I agree that, when requested, I 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.

I 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 to invoke and claim such right of priority without further written or oral authorization from me.

1

### PATENT REEL: 020521 FRAME: 0688

I 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 substituted for it.

I 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 I have full right to convey the same as herein expressed.

Signed at <u>SALO</u>, FINLAND this <u>6</u>(A) (city/state/country) (day)

day of <u>FEBRUARY</u>, 2008.

PATENT REEL: 020521 FRAME: 0689

## WARE, FRESSOLA, VAN DER SLUYS & ADOLPHSON LLP.

PATENT, TRADEMARK, COPYRIGHT AND COMPUTER LAW COUNSEL

ALFRED A. FRESSOLA K. BRADFORD ADOLPHSON FRANCIS J. MAGUIRE, JR. WILLIAM J. BARBER JAMES A. RETTER, Ph.D. JAMES R. FREDERICK MILTON M. OLIVER\* JACK M. PASOUALE ANDREW T. HYMAN KEITH R. OBERT \*MA AND NY BAR BRADFORD GREEN, BUILDING FIVE 755 MAIN STREET P. O. BOX 224 MONROE, CONNECTICUT 06468 TELEPHONE: (203) 261-1234 FACSIMILE: (203) 261-5676 E MAIL: mail@wfva.net

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SHIMING WU. Ph.D. PATENT AGENT CATHY A. STURMER PATENT AGENT

February 14, 2008

## U.S. PATENT AND TRADEMARK OFFICE ASSIGNMENT DIVISION

Re: Application Serial No.: 11/988,339 Attorney Docket No.: 915-007.271

Sirs:

Submitted herewith is a patent assignment for recordation. After recording, kindly transmit the Notice of Recordation to our fax number:

#### 203-261-5676

Please charge our USPTO Deposit Account No.: 23-0442 for the recordation of the assignment.

Respectfully submitted

Alfred A. Fressola, Reg. No. 27,550 Customer Number: 004955 Telephone: 203-261-1234 Fax: 203-261-5676

#### CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that the Patent and Trademark shown below. Lissette Ram	Office, resignment	being trai Division,	nsmitted by Alexandria,	facsimile VA 22	e to the Unit 313-1450 on	ed States the date
Date:	February 14, 20	08				

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## FACSIMILE TRANSMISSION COVER SHEET

Date: February 14, 2008

Attorney Docket No. 915-007.271 Application Serial No.: 11/988,339

то:	ASSIGNMENT DIVISION		
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**RECORDED: 02/14/2008**