		Docket	No.:367.40258X00
1-31-92 RECUI	-10-2001	T	U.S. DEPARTMENT OF COMMERC Patent and Trademark Offi
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1770780	riginal docu	uments or copy thereof.
Name of conveying party(ies):     Paul A. THOMAS	2. Name and address Name: NOKIA	MOBILE PHO	ONES LIMITED
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance:  Assignment Merger  Security Agreement Change of Name  Other  Execution Date: June 6, 2001	City: 02150  Country: FIN	Espoo LAND	ached? Yes X No
4. Application number(s) or patent number(s):	SP 3420	& address(es) atta	acned? La Yes La No
If this document is being filed together with a new application  A. Patent Application No.(s)			n is: June 6, 2001
Name and address of party to whom correspondence concerning document should be mailed:		applications a	nd patents involved: 1
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address:	Enclosed  Any deficien	ncies may be cl	\$40.00 narged to deposit account o deposit account
Street Address: 1300 North Seventeenth Street Suite 1800 City: Arlington State: VA Zip: 22209	8. Deposit accoun	t number: 01-2	
	JSE THIS SPACE		
9. Statement and signature.  To the best of my knowledge and belief, the foregoing of the original document.  Robert M. Bauer Name of Person Signing Attorney Registration No. 34,487 Total number of pages including cover sheet, attachments, and document OMB No. 0651-0011 (exp. 4/94)	1 M Zano		y attached copy is a true copy  June 29, 2001  Date
7/05/2001 EHAILE1 00000005 09893420			
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PATENT REEL: 011948 FRAME: 0652

## ASSIGNMENT

WHERE	EAS the below named inventor (if only one	inventor is named bel	ow) or inventors (if plural
	s are named below) hereinafter referred to a		
	A KEY ASSEMBLY		•
$\boxtimes$	for which an application for Letters Patent Trademark Office was executed on even de		ted States Patent and
	for which U.S. Application Serial No. and Trademark Office on	for Letters Pater	nt was filed in the U.S. Patent
	for which an International Application United States. was filed on	as	, designating the

AND WHEREAS NOKIA MOBILE PHONES LIMITED, KEILALAHDENTIE 4, 02150 ESPOO. FINLAND

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues,

reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection

with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonneli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

1	FULL NAME OF SOLE OR FIRST	INVENTOR'S SIGNATURE	DATE
	NAMED INVENTOR PAUL A. THOMAS	1	6 June Zooi
2	FULL NAME OF SECOND NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
3	FULL NAME OF THIRD NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
4	FULL NAME OF FOURTH NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
5	FULL NAME OF FIFTH NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT RECORDED: 06/29/2001 REEL: 011948 FRAME: 0653