

FORM PTO-1595
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11-13-2000

U.S. DEPARTMENT OF COMMERCE
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Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Peter Stuart Excell, Roger William Clarke, and Adam David Tinniswood</p>		<p>2. Name and address of receiving party(ies): Name: University of Bradford Address: Bradford West Yorkshire BD7 1DP United Kingdom Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: August 19, 2000, August 30, 2000 and October 2, 2000</p>			
<p>4. Application number(s) or patent number(s): A. Patent Application No.(s) 09/581,859 Filed: June 19, 2000</p>		<p>B. Patent No.(s)</p>	
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed: David R. Price Michael Best & Friedrich LLP 100 East Wisconsin Avenue Milwaukee, Wisconsin 53202-4108 Phone: (414) 271-6560</p>		<p>6. Total number of applications and patents involved: 1</p>	
<p>10/26/2000 ABIZAW 00000102 09581859 02 FC:581 40.00 DP</p>		<p>7. Total fee (37 CFR 3.41):.....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Deficiencies in fee charged to Deposit Account</p>	
		<p>8. Deposit account number: 13-3080</p>	
<p>DO NOT USE THIS SPACE</p>			
<p>9. Statement and signature. <i>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.</i> David R. Price (Reg. No. 31,557) Name of Person Signing Signature: <i>David R. Price</i> Date: October 24, 2000 Attorney File 13344-9014-00 Total number of pages including cover sheet, attachments, and document: 3</p>			
<p>OMB No. 0651-0011 (exp. 4/94)</p>			

cc: Docketing

Assignment

For and in consideration of the sum of One Dollar (\$1.00) to us:

of **Peter Stuart Excell**
32 PARK DRIVE
MEATON
BRADFORD BD9 4DT, UK.

of **Roger William Clarke**
921 GREAT HORTON ROAD
BRADFORD
BD7 4AG, UK

of **Adam David Tinniswood**
250 BEECHWOOD AVE HOA
POUGHKEEPSIE
NY 12601

paid by **University of Bradford** (hereinafter referred to as "Assignee"), a United Kingdom corporation having its principal place of business at:

Bradford
West Yorkshire BD7 1DP
United Kingdom

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to an invention entitled "BROADBAND ANTENNA" for which we have executed a United States patent application Serial No. 09/581,859;

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

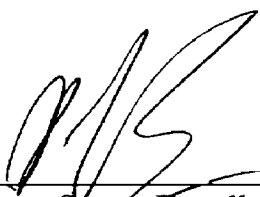
(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on said United States application.

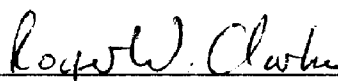
And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue the said United States patent or patents to Assignee.

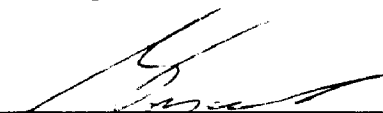
Date: 19 AUG. 2000


Peter Stuart Excell

Date: 30th Aug 2000


Roger William Clarke

Date: 2nd October 2000


Adam David Tinniswood