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original documents or copy thereof.

<p>1. Name of conveying party(ies): <u>8-18-03</u></p> <p>Siemens plc</p> <p>Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>The University Court of the University of St. Andrews College Gate, North Street St. Andrews, Fife KY16 9AJ United Kingdom</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____</p> <p>Execution Date: <u>04/22/2003</u></p>	

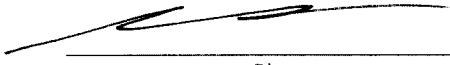
4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is _____

<p>A. Patent Application No.(s)</p>	<p>B. Patent No.(s)</p> <p><u>5,781,293</u></p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>DANIEL A. MONACO Drinker Biddle & Reath LLP One Logan Square 18th & Cherry Streets Philadelphia, PA 19103-6996</p> <p>Attorney Docket No. <u>8830-G</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> authorized to be charged to deposit account</p> <p>8. Deposit Account Number: <u>50-0573</u></p>
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9. 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.

<p><u>DANIEL A. MONACO</u> Name of Person Signing</p>	<p> Signature</p>	<p><u>August 15, 2003</u> Date</p>
<p>Total number of pages including cover sheet, attachments, and document: <u>3</u></p>		

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FINANCIAL SECTION

ASSIGNMENT

THIS ASSIGNMENT is made the 22nd day of April 2003
between Siemens plc, of Siemens House, Oldbury, Bracknell, Berkshire, RG12 8FZ,
United Kingdom (hereinafter called "the Assignor") of the One Part; and The University
Court of The University of St Andrews of College Gate, North Street, St Andrews,
Fife, KY16 9AJ, United Kingdom (hereinafter called "the Assignee") of the Other Part;

WHEREAS the Assignor is the proprietor of
GB Patent No. 2294778 entitled "Improved Spectrometer", filed 11 July 1994;
US Patent No. 5,781,293 entitled "Fourier Transform Spectrometer Utilizing a
Birefringent Optical Component" filed 11 July 1994; and
German Patent Application No. DE 4494905.7 entitled "Spektrometer" filed 11 July
1994 ("the Patents");

AND WHEREAS the Assignee is desirous of obtaining full and exclusive rights in and
to the Patents.

NOW THEREFORE in consideration of £1-00 the receipt of which
is hereby acknowledged we the said Assignor do hereby:

- 1 Assign to the Assignee the Patents, the right, title and interest therein and all the
rights, powers, privileges and liabilities conferred on the proprietor thereof by
the grant of the Patents, including the right to sue for damages and other
remedies in respect of any infringement of the Patents which may have occurred
prior to the date hereof.
- 2 Agree to execute and do all such further documents and things as may be
necessary or proper for giving effect to the foregoing.

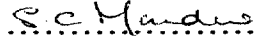
Executed this 22nd day of APRIL 2003

for and on behalf of Siemens plc

Signature 

Name D. ALLEN

Position HEAD OF INTELLECTUAL PROPERTY

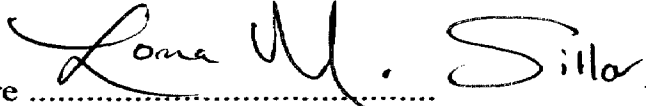
Witness Signature 

Witness Name S.C. MORDUE

Position OFFICER FORMALITIES MGR.


Executed this 28th day of April 2003

for and on behalf of University of St Andrews

Signature 

Name Lorna M. Sillar

Position Associate Director
Research & Enterprise Services

Witness Signature 

Witness Name Suzanne E. Truss

Position Associate Director, RESEARCH & ENTERPRISE SERVICES