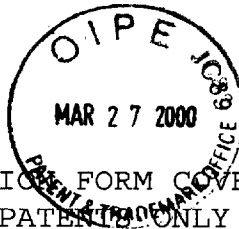


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FORM PTO-1595

(REV. 6-93)



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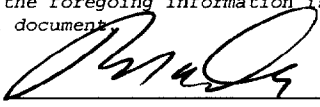
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To the Honorable Commissioner of Patents a
Please record the attached original documents

<p>1. Name of conveying party(ies): INSTITUTE FOR SPACE AND TERRESTRIAL SCIENCE</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) Name: <u>CENTRE FOR RESEARCH IN EARTH AND SPACE TECHNOLOGY</u></p> <p>Street Address: <u>4850 Keele Street</u></p> <p>City: <u>North York, Ontario</u> State <u>Canada</u> Zip: <u>M3J 3K1</u></p> <p>Additional name(s) & address(es) 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</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>1 January 1998</u></p>	<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> <p>Title: <u>SATELLITE ATTITUDE SENSOR USING THERMAL IMAGING</u></p> <p>A. Patent Application No.(s) <u>08/946,702 filed 10/8/97</u> 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: Name: <u>Ralph A. Dowell</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Suite 309, 1215 Jefferson Davis Highway Arlington, VA 22202-3124 (703) 415-2555</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37CFR 3.41).....\$<u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: _____</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
<p>DO NOT USE THIS SPACE</p> <p>9. Statement and signature. 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> <p><u>Ralph A. Dowell 26,868</u>  <u>27 Mar 00</u></p> <p>Name of Person signing Signature Date</p> <p>Total number of pages including cover sheet, attachments and document: <u>3</u></p>	

Mail documents to be recorded with required cover sheet information to:
Commission of Patent & Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT
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ASSIGNMENT

WHEREAS INSTITUTE FOR SPACE AND TERRESTRIAL SCIENCE

(hereinafter referred to as the ISTS), a corporation without share capital incorporated under the laws of Ontario and designated a "Centre of Excellence" by the province of Ontario, Canada, its successors and assigns or nominees, whose full post office address is 4850 Keele Street, North York, Ontario M3J 3K1, CANADA, is the owner by Assignment of the patents and applications identified in schedule A attached hereto.

AND WHEREAS CENTRE FOR RESEARCH IN EARTH AND SPACE

TECHNOLOGY (hereinafter referred to as the CRESTech), whose full post office address is 4850 Keele Street, North York, Ontario M3J 3K1, CANADA, has acquired from the ISTS all its right, title and interest in and to said inventions, said patents and said applications and in and to any Patents that may be obtained therefor in Canada, the United States of America and all other countries;

NOW THEREFORE, in consideration of the sum of Two Dollars (\$2.00), the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration the Assignor by these presents confirm that the ISTS has sold, assigned and transferred and does hereby sell, assign and transfer unto the said CRESTech, all its right to the said inventions in Canada, the United States of America and all other countries and all its right, title and interest in and to any and all Letters Patent which may be granted therefor, including pending applications and the right to sue for any past infringement;


AND we hereby request that all the interest of ISTS to any and all Letters Patent for said invention be issued to said CRESTech, its successors, assigns and legal representatives, or to such nominees as it may designate;

AND we hereby authorize and empower CRESTech, its successors, assigns and legal representatives or nominees, to invoke and claim for any applications for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for protection of industrial property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

The assignment shall have effect from the 1st day of January, 1998

INSTITUTE FOR SPACE AND TERRESTRIAL SCIENCE

per:



Ian Rowe
Executive Director

PATENT

REEL: 010706 FRAME: 0341

DECLARATION OF WITNESS

I, MARIA LI, whose full post office address is 4850 KEELE STREET, NORTH YORK, ONTARIO M3J 3K1
hereby declare that I was personally present and did see _____
who is EXECUTIVE DIRECTOR of INSTITUTE FOR SPACE AND TERRESTRIAL SCIENCE,
who is personally known to me to be the person named in the above assignment duly
sign and execute the same.

Declared at NORTH YORK, this 1st day of January, 1998.

Maria Li
(Signature of Witness)