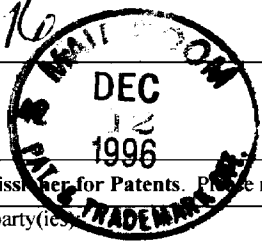


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IS-0539

09-01-1999

FORM PTO-1595



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Patent and Trademark Office

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To the Assistant Commissioner for Patents. Please record the attached original document.

<p>1. Name of conveying party(ies):</p> <p>1) <b>Richard E. Epworth</b> 2) <b>Jonathan P. King</b></p>	<p>Name and Address of receiving party(ies):</p> <p>Name: Northern Telecom Limited Address: 380 St. Antoine Street West City: Montreal, Providence of Quebec H2Y 3Y4 Country: Canada</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **November 27, 1996**

4. Application number(s) or patent number(s).

This document is being filed together with a new application.

Execution date of the application: **November 27, 1996**

Title: **LASER ASSEMBLY**

Docket No: **ID-0539**

<p>A. Patent Application No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No.(s)</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>John D. Crane Northern Telecom Incorporated Address: 2221 Lakeside Boulevard P.O. Box 833858 City: Richardson State: TX Zip: 75083-3858</p>	<p>6. Number of applications and patents involved: <u>    (1)    </u></p> <hr/> <p>7. Amount of fee enclosed or authorized to be charged: \$40</p> <hr/> <p>8. Deposit Account No: <b>14-1315</b> (Attach duplicate copy if paying by deposit account) <b>This form is submitted in triplicate.</b></p>
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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*

Dec. 12, 1996  
Date

John D. Crane, Reg. No. 25,231

Total Number of Pages Including Cover Sheet, Attachments and Document:   3

R E Epworth - J P King 87-18

## ASSIGNMENT

### Joint Inventorship

WHEREAS,

Richard Edward Epworth  
Jonathan Paul King

hereinafter called the "Assignors", have made a new and useful

### LASER ASSEMBLY

for a full description of which reference is here made to an application for Letters Patent of the United States executed by them of even date herewith.

WHEREAS, NORTHERN TELECOM LIMITED, a Canadian company having a principal office and place of business at, World Trade Center of Montreal, 380 St Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4, Canada hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in the United States in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable and legally sufficient consideration, the receipt of which by the said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for the said invention, to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patent for the said invention may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinbefore set forth, including any application for reissue, application for reexamination, or any proceeding in the United States Patent and Trademark Office affecting said invention, investing in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent Herein contemplated; and that they will promptly execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hands on the date indicated below.

Dated: 27<sup>th</sup> November 96

Jonathan Paul King

Dated: 27<sup>th</sup> Novemb 1996

Richard Edward Jones