

Form PTO-1595
(Rev. 03/01)

RECORDATION FORM COVER SHEET
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U.S. DEPARTMENT OF COMMERCE
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OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Crystonic Resources Inc;

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 03-13-2002

2. Name and address of receiving party(ies)

Name: Crystonic Systems Inc;

Internal Address: 250 Shields Court, Unit 3

Markham, Ontario, L3R 9W7 Canada

Street Address: same as above

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? Yes No

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: _____

A. Patent Application No.(s) _____

B. Patent No.(s) 4913509 4813769
4792212 4790633 4781426 4755038

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert Brouillette c/o

Internal Address: Brouillette Kosie, 1100 René-

Lévesque Blvd. W. Suite 2500, Montréal

Québec H3B 5C9

Street Address: same as above

City: _____ State: _____ Zip: _____

6. Total number of applications and patents involved: 11

7. Total fee (37 CFR 3.41).....\$ 440.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

02-3980

DO NOT USE THIS SPACE

9. Signature.

Ronald S. Kosie

Name of Person Signing

Signature

March 14, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 6

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

Additional patent numbers:

4737019
4720174
4720172
4720171
4711529

ASSIGNMENT

WHEREAS, Crystonic Resources Inc., an Ontario corporation having offices at c/o Minden Gross Grafstein & Greenstein LLP, 111 Richmond Street West, Suite 700, Toronto, Ontario, M5H 2H5 (hereinafter "ASSIGNOR"), represents and warrants that it is the sole owner of the entire right, title and interest to the following issued Letters Patents in the United States (hereinafter "the Patents") and the inventions disclosed therein:

<u>Patent No</u>	<u>Issue Date</u>	<u>Title</u>
4,913,509	April 3, 1990	Fail-Safe Port for Use with an Optical Fiber
4,813,769	March 21, 1989	Liquid Crystal Wave Division Device
4,792,212	December 20, 1988	Liquid Crystal Switching Device
4,790,633	December 13, 1988	Liquid Crystal Switching Apparatus
4,781,426	November 1, 1988	Optical Fiber Collimator/Switch Including Liquid Crystal Polarizing Material
4,755,038	July 5, 1988	Liquid Crystal Switching Device Using the Brewster Angle
4,737,019	April 12, 1988	Liquid Crystal Optical Switching Device Having Minimized Internal Light Path
4,720,174	January 19, 1988	Liquid Crystal Optical Switching Device with Integrally Attached Optical Fibers
4,720,172	January 19, 1988	Liquid Crystal Optical Switching Device
4,720,171	January 19, 1988	Liquid Crystal Optical Switching Device Having Reduced Crosstalk
4,711,529	December 8, 1987	Optical Interface Apparatus

WHEREAS, Crystonic Systems Inc., a Delaware Corporation with an office at 250 Shields Court, Unit 3, Markham, Ontario, L3R 9W7 (hereinafter "ASSIGNEE") desires to purchase the entire right, title, and interest in and to the Patents and the inventions disclosed in the Patents;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title and interest throughout the world in, to and under the said inventions, the said Patents and all patents that may be granted thereon, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and patent applications that may hereafter be filed for said inventions or for the said Patents in any country or countries foreign to the United States, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements and all patents resulting from the Patents to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

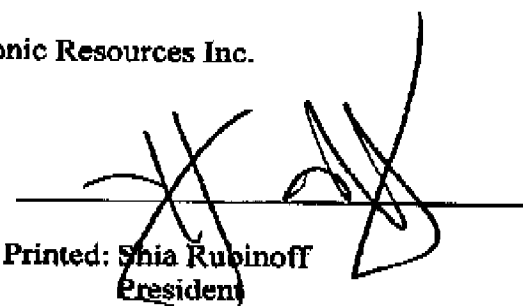
ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Patents.

ASSIGNOR, hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the inventions and the Patents immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the inventions or Patents, will sign all lawful papers, execute all divisional, continuing, reissue and substitute applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of ^{MARCH}~~February~~, 2002

Crystonic Resources Inc.

By: _____



Name Printed: Shira Rubinoff
Title: President

Date: MARCH 13/2002

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On MARCH 13/2002 before me, SILIA RUBINOFF, personally appeared personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instruments, and acknowledged to me that he executed the same in his authorized.



Signature

**PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

RE : Crystonic Resources Inc;

FOR : **Fall-Safe Port for use with optical fiber, Liquid crystal wave division device, Liquid crystal switching device, Liquid crystal switching apparatus, Optical fiber collimator/switch including liquid crystal polarizing material, Liquid crystal switching device using the Brewster angle, Liquid crystal optical switching device having minimized internal light path, Liquid crystal optical switching device with integrally attached optical fibers, Liquid crystal optical switching device, Liquid crystal optical switching device having reduced crosstalk, Optical interface apparatus**

Patent NO.: 4913509; 4813769; 4792212; 4790633; 4781426; 4755038; 4737019;
4720174; 4720172; 4720171; 4711529

GROUP ART UNIT : unknown

ATTORNEY DOCKET NO.: 07297-001

Montreal, Quebec, Canada
March 14, 2002

ASSIGNMENT

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:


Please find enclosed one assignment with respect to the above identified patents as well as the cover sheet relating to the above mentioned patent application from the assignor Crystonic Resources Inc; to Crystonic Resources Inc;.. Please proceed with the registration of the assignment against the present US patents

The US Patent Office is hereby authorized to charge the amount of \$440.00 required to our **Deposit Account no. 02-3980.**

If any further fees are due, the US Patent Office is also hereby authorized to also charge any such additional fees to our Deposit Account no. 02-3980.

Respectfully submitted,

BROUILLETTE KOSIE


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**PATENT
REEL: 012475 FRAME: 0848**

RECORDED: 03/14/2002