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A Professional Corporation
INTELLECTUAL PROPERTY
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Our File – RLN 310
RLN 310A

October 10, 2003

Mail Stop Assignment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313

RECORDATION FORM COVER SHEET
PATENTS ONLY

Sir:

Enclosed for recordation in the records of the U.S. Patent and

Trademark Office is an original document with particulars as follows.

(1) Name of conveying parties: Christopher Peiffer and
Israel L'Heureux.

(2) Name and address of receiving party: Redline Networks,
Inc., 675 Campbell Technology Parkway, Suite 150, Campbell, California
95008.

(3) The nature of the conveyance is an assignment, which
was executed September 11, 2003 and September 23, 2003.

(4) This document is being filed in connection with U.S.
Patent Application Serial Nos. 09/882,375, filed June 15, 2001, and
09/975,522, filed October 10, 2001.

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OPR/FINANCE

10/17/2003 LUMELER 00000051 09002375

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PATENT
REEL: 014592 FRAME: 0820

(5) Any and all correspondence concerning this document should be addressed and mailed to the following.

Mark D. Alleman
Kolisch Hartwell, P.C.
520 S.W. Yamhill Street, Suite 200
Portland, Oregon 97204

(6) The total number of patent applications involved in this conveyance is two.

(7) Our check in the amount of \$80.00 to cover the recordation fee is enclosed, in accordance with 37 C.F.R. § 3.41.

(8) Please charge our Deposit Account No. 11-1540 for any additional fees which may be required. A duplicate of this sheet is enclosed.

(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.

Respectfully submitted,

KOLISCH HARTWELL, P.C.

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MDA:gp
Enclosures

of Attorneys for Applicants

TOTAL NUMBER OF PAGES,
INCLUDING COVER SHEET,
ATTACHMENTS, AND DOCUMENT: 5

ASSIGNMENT

WHEREAS, we, Christopher Peiffer and Israel L'Heureux, of Menlo Park, County of San Mateo, State of California, and of Menlo Park, County of San Mateo, and State of California, respectively, have invented certain improvements in an HTTP MULTIPLEXOR/DEMULTIPLEXOR, for which we have executed applications for Letters Patent of the United States with the serial numbers 09/882,375, which was filed June 15, 2001, and 09/975,522, which was filed October 10, 2001.

WHEREAS, Redline Networks, Inc., a California corporation, having its principal place of business in Campbell, County of Santa Clara, and State of California, is desirous of acquiring an interest therein:

NOW, THEREFORE, for other good and valuable consideration, we the said Christopher Peiffer and Israel L'Heureux have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Redline Networks, Inc., the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to the said Redline Networks, Inc. as the assignee of our entire right, title and

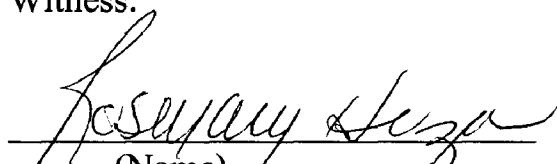
interest in and to the same, for the sole use of the said Redline Networks, Inc., its successors and assigns.

Further, we agree that we will communicate to the said Redline Networks, Inc., or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the said Redline Networks, Inc., make all rightful oaths and generally do everything possible to aid the said Redline Networks, Inc., its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of September, 2003.


CHRISTOPHER PEIFFER

Witness:


(Name)

126 Arcadia
(Address)

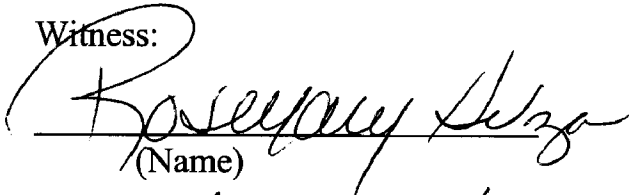
Santa Clara CA
(City, State) 95051

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11th day
of Sept, 2003.



ISRAEL L'HEUREUX

Witness:



(Name)

126 Arcadia Ave
(Address)

Santa Clara CA
(City, State) 95051