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Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09202250"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

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Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

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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. Charges to deposit account are authorized, as indicated herein.

James R. Frederick James R. Frederick Feb 6, 2001

Name of Person Signing Signature Date

Attorney Docket No. 938-012

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, I, **IAN JOHNSON HIRST**, a citizen of the United Kingdom and residing at 7A Lucerne Road, Orpington, Kent BR6 0EP, United Kingdom, hereby sell, assign and transfer to **Alcatel**, a corporation duly organized and existing under the laws of France and having a principal place of business at 54 rue La Boétie, 75008 Paris, France, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in **FIBRE OPTIC TRANSMISSION WITH FIBRE AMPLIFIERS AND SUPERVISORY SIGNALS** which is described in an application for Letters Patent of the United States, Application Serial No. 09/202,250 filed December 10, 1998, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

I request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto

in said assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the 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 me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file a like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein

conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at GREENWICH this 10th day of AUGUST, 1999.

Ian J Hirst
IAN JOHNSON HIRST

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to

Witness: E. M. Alger

Date: 10/8/99

Witness: [Signature]

Date: 10/8/99

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February 6, 2001

U.S. Patent and Trademark Office
Assignment Division, Box ASSIGNMENTS
CG-4, 1213 Jefferson Davis Hwy.
Suite 320
Washington, DC 20231


Re: U.S. Patent Application SN 09/202,250 for
FIBER OPTIC TRANSMISSION WITH FIBER AMPLIFIERS
AND SUPERVISORY SIGNALS (AS AMENDED)
Filed: September 7, 1999
Inventor: Ian J. Hirst
Assignee: Alcatel
Our File No. 938-012

Dear Sir or Madam:

Enclosed herewith are an original Assignment with
Recordation Form Cover Sheet (PTO-1619) and check in the amount
of \$40.00 for the recording fee. Kindly record the Assignment
and return the original, recorded document to us.

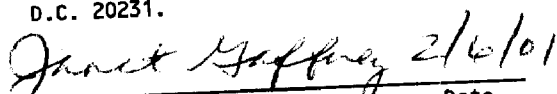
You are authorized to charge any fee deficiency to our
Deposit Account No. 23-0442.

Respectfully submitted,


James R. Frederick
Registration No. 25,865
Attorney for Applicant

jg
Enclosures

I hereby certify that this paper (along with any
paper referred to as being enclosed) is being
deposited with the United States Postal Service
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Janet Gaffney Date

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