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PATENT REEL: 012710 FRAME: 0573

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Enter either th	he Patent Application Number or the Patent			
Pa	tent Application Number(s)		Patent Number	(\$)

PATENT REEL: 012710 FRAME: 0574 Attorney Docket No.

<u>ASSIGNMENT</u>

WHEREAS, I/we, the undersigned Inventor(s), having my/our residences as listed below, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; and

WHEREAS, NORTEL NETWORKS LIMITED _____, (hereinafter referred to as "Assignee"), a corporation of _______, with an address of 2351 Boulevard Alfred-Nobel, ______, St. Laurent, Quebec, H4S 2A9 CANADA _______, desires to acquire the entire right, title and interest in and to the invention, entitled <u>SIGNAL PROCESSING</u>

AND DEVICE FOR A SPREAD SPECTRUM RADIO COMMUNICATION RECEIVER _____, the specification of which:

x is attached hereto; was filed on _____ as Application Serial No. _____ and was amended on _____;

and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we assign to Assignee all right, title and interest in and to said invention, and in to said application and all patents which may be granted therefor, and all divisions, continuations, reissues, continuations-in-part and extensions thereof, and I/we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my/our interest is concerned, to Assignee.

I/we will sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Signature of Inventor:

Inventor's Name:

Alexandre JARD

11 rue Jean Daudin

Residence and P.O. Address:

75015 PARIS FRANCE

Date:

01/23/2002

PATENT REEL: 012710 FRAME: 0575

Signature of 2nd Inventor:

Inventor's Name:

Hassan EL NAHAS EL HOMSI

Residence and P.O. Address:

83 rue Desnouettes 75015 PARIS FRANCE

Date:

01/23/2002

Signature of 3rd Inventor:

Inventor's Name:

Moussa ABDI

Residence and P.O. Address:

87 avenue Michel Bizot 75012 PARIS FRANCE

23/01/02

Date:

Signature of 4th Inventor:

Inventor's Name:

Residence and P.O. Address:

Date:

Signature of 5th Inventor:

Inventor's Name:

Residence and P.O. Address:

Date:

PATENT REEL: 012710 FRAME: 0576

RECORDED: 03/21/2002