Form PTO-1595	05-29-2			
(Rev. 03/01)	U.S. Patent a		J.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇔ ⇔ ⇔ ▼	1021046	93	v v	
	Patents and Trademarks:	Please record the attached original do	cuments or copy thereof.	
 Name of conveying party(ies): Joseph Soetemans Dion Pike Larry Friesen Jean Labonte 		2. Name and address of rece	viving party(ies)	
		Name: ALCATEL CANADA INC. Internal Address: 600 MARCH ROAD		
				KANATA, ONTARIO, CA
		Additional name(s) of conveying party(ies) attached? Yes		
3. Nature of conveyance:	_		ب ې	
Assignment	Assignment Merger		Street Address: 600 MARCH ROAD	
Security Agreement Change of Name				
Other				
		City:_KANATAS	tate:_ ^{ON} _Zip:_K2K 2E6	
		Additional name(s) & address(es		
4. Application number(s) or patent n			05-17-02	
If this document is being filed toge		cation, the execution date of th	amd e application is:_05-21-02	
A. Patent Application No.(s)				
Atty Dkt No.: 1400.1374290				
		ached? Yes 🔽 No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name:Ross D. Snyder		6. Total number of application	s and patents involved:	
		7. Total fee (37 CFR 3.41)	\$ 40.00	
Internal Address:		Enclosed		
Ross D. Snyder & Associates, I	nc.	Authorized to be charged to deposit account		
		8. Deposit account number:		
Street Address:				
AustinState:_ ^{TX} _Zi	n. 78746			
City:State2		THIS SPACE		
9. Signature.				
9. Signature.		so hude	22 May 200	
Ross D. Snyder, Reg. No. 37, 730	<u> </u>	Signature	Date Date	
Ross D. Snyder, Reg. No. 37, 730 Name of Person Signing	mer of nages including co	Signature Signature	Date	
Ross D. Snyder, Reg. No. 37, 730 Name of Person Signing	nber of pages including co	Signature Signature ver sheet, attachments, and document th required cover sheet information to: Trademarks, Box Assignments	Date	

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between the inventor(s)

Joseph Soetemans	Dion Pike
Larry Friesen	Jean Labonte

(herein after referred to as the Inventor) and ALCATEL CANADA INC. having a place of business at 600 March Road, Kanata, Ontario, Canada K2K 2E6 (herein after referred to as the Assignee).

WHEREAS, Inventor has caused to be prepared a United States Patent Application in the Inventor's name entitled

METHOD AND APPARATUS FOR OPTIMIZATION OF REDUNDANT LINK USAGE IN A MULTI-SHELF NETWORK ELEMENT

having a docket number of 1400.1374290 (herein after referred to as the Patented Invention); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the Patented Invention.

NOW, THEREFORE, the parties agree as follows:

1. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in the Patented Invention, all provisional and non-provisional patent applications pertaining thereto, including provisional application number 60/325,368 filed on September 27, 2001 and the non-provisional application filed concurrently herewith, and all patents that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part to the Assignee.

2. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in any foreign (non U.S.) national patent application, invention registration, or equivalent (Foreign Applications), claiming approximately the same subject matter of the Patented Invention to the Assignee.

3. In consideration for the sum of one dollar (\$1) U.S. (on its equivalent) and other consideration for which both parties acknowledge to be valuable, having been conveyed to the Inventor by the Assignee for the sale, assignment, and transfer of the Patented Invention and Foreign Applications. Consideration may include at least one of: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received.

PATENT REEL: 012922 FRAME: 0645 4. Inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the patent for the Patented Invention, and all resulting patents therefrom, insofar as Inventor's interest is concerned, to the Assignee.

5. The Inventor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the Assignee.

6. The Inventor hereby further agrees to communicate with the Assignee any facts its knows regarding any improvements of the Patented Invention while employed by Assignee and for one year thereafter.

- 7. The Inventor hereby yet further agrees to, at the expense of the Assignee:
 - i) testify in any legal proceedings,
 - ii) sign all lawful papers,
 - iii) execute all divisional, continuation, continuation-in-part, reissue and substitute applications,
 - iv) make all lawful oaths, and assist in vesting title in the Assignee and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Patented Invention in all countries, and
 - <u>v</u>) notify Assignee promptly (by facsimile or first class mail) of any subpoena or contact by any person other than Assignee or its agents regarding the Application or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

This assignment is executed on the date(s) of which the Inventor has signed.

Inventor:

Joseph Sortimans	May 17, 2002
Joseph Soetemans	Date:
prion Withe	May 21, 2002
Dion Pike	Date:
hann.	Mary 24, 2002
Larry Friesen	Date:
	May 21 2002
Jean Labonte	Date:

PATENT REEL: 012922 FRAME: 0646

STATEMENT OF WITNESS

I, <u>Maxine Raycroft</u>, whose full post office address is <u>7 Scheel Drive, Amprior, Out K15368</u>, state that I was personally present and did see Joseph Soetemans, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above. Maxine Kaycroff (Signature of Witness) STATEMENT OF WITNESS I, <u>Maxine Raycroft</u>, whose full post office address is <u>Scheel Drive</u>, <u>Amprior</u>, Cwt <u>K75368</u>, state that I was personally present and did see Dion Pike, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above. Marine (ayoroff (Signature of Witness) STATEMENT OF WITNESS I, <u>Maxine Raycroft</u>, whose full post office address is <u>Scheel Dr. Hrappier, Cwi. K75368</u>, state that I was personally present and did see Larry Friesen, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above. (Signature of Witness) STATEMENT OF WITNESS I, <u>Maxine Raycroft</u>, whose full post office address is beel Drive, <u>Henprior</u>, Out <u>K75368</u>, state that I was personally present and did see Jean Labonte, who is personally known to me to be the person named in the above assignment, duly sign and execute the same on the date set forth above. Maxine (ayece) (Signature of Witness)

PATENT REEL: 012922 FRAME: 0647