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U.S. DEPARTMENT OF COMMERCE

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3. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies)
Joseph Soetemans	Name: ALCATEL CANADA INC.
Larry Friesen	Internal Address: 600 MARCH ROAD
Additional name(s) of conveying party(les) attached? Yes No	KANATA, ONTARIO, CANADA K2K 2E6
3. Nature of conveyance:	
✓ Assignment	
Security Agreement Change of Name	Street Address: 600 MARCH ROAD
Other	LYANIA TA
05-17-02 and 05-21-02	City: KANATA State: ON Zip: K2K 2E6
Execution Date:	Additional name(s) & address(es) attached? Yes V No
4. Application number(s) or patent number(s):	05-17-02
If this document is being filed together with a new appli	cation, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Atty Dkt No. 1400.1374110	
Additional numbers at	lached? Yes 🗸 No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$40.00
Name:	7. Total fee (37 CFR 3.41)
Internal Address:	Enclosed
Ross D. Snyder & Associates, Inc.	Authorized to be charged to deposit account
11055 D. Griyder & Addoctated, Inc.	
	8. Deposit account number:
Street Address: 115 Wild Basin Road, Ste. 107	
Street Address.	
City: Austin State: TX Zip: 78746	
	THIS SPACE
9. Signature.	
	Osa D. Smyde 22 May 2002 Signature Date
Ross D. Snyder, Reg. No. 37, 730	Signature Date
Name of Person Signing	
Total number of pages including cov	er sheet, attachments, and documents: 4

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT

REEL: 012926 FRAME: 0548

Attorney Docket No.: 1400.1374110

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

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

Joseph Soetemans	Larry Friesen

(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

SINGLE SHELF NETWORK SYSTEM CAPABLE OF PROVIDING EXPANSION TO A MULTIPLE SHELF MODE

having a docket number of 1400.1374110 (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 60/325,260 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. (or 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.
- 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.

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- 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,

Inventor:

- 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
- v) 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.

Joseph Soetemans	May 17 2002
Joseph Soetemans	Date:
127/2	May 21, 2002
Larry Friesen	Date:

STATEMENT OF WITNESS
I, Maxine Raycroft, whose full post office address is 7 Scheel Dr. Arnorior, ONT, K75368 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. (Signature of Witness)

Attorney Docket No.: 1400.1374110

xine Kayrott, whose full post office address is Drive, Hinprov, ONT X75368, 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.

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PATENT REEL: 012926 FRAME: 0551