

12-07-1998



100916257

PATENT APPLICATION

Attorney Docket: 6537/53674

Date: November 20, 1998


FORM PTO-1585

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

11-30-98

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Northern Telecom Limited	2. Name and address of receiving party(ies): Astec International Limited 38th Floor, Central Plaza 18 Harbour Road Wanchai Hong Kong
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: September 25, 1998	
4. Application number(s) or patent number(s): Please see attachment If this document is being filed together with a new application, the execution date of the application is:	
5. Name and address of party to whom correspondence concerning document should be mailed: COUDERT BROTHERS 4 Embarcadero Center, Suite 3300 San Francisco, CA 94111	6. Total number of applications and patents involved: 20 7. Total fee (37 CFR 1.21(h): \$800.00 <input checked="" type="checkbox"/> Enclosed 8. The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 13-0201. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 13-0201.
DO NOT USE THIS SPACE	
9. Statement and signature. <i>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.</i>  Donald L. Bartels Registration No. 28,282 Date: <u>November 24, 1998</u> *Total number of pages comprising cover sheet: 2	

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**SCHEDULE A TO
ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS**

PATENTS

U.S. Patent No.	Issue Date
5,444,608	08/22/95
5,438,497	08/01/95
5,400,239	03/21/95
5,374,887	12/20/94
5,285,366	02/08/94
5,208,738	05/04/93
5,157,593 (CIP)	10/20/92
5,159,541	10/27/92
5,079,455	01/07/92
4,996,638	02/26/91
4,980,813	12/25/90
4,812,672	03/14/89
4,737,898	04/12/88
4,447,741	05/08/84

CANADIAN Patent No.	Issue Date
2,086,245	02/24/98
2,080,027	11/18/97
2,054,513	08/19/97
2,103,842	04/08/97
2,030,497	10/03/95
2,025,192	03/15/94
1,262,259	02/26/91
1,279,098	01/15/91
1,178,336	11/20/84

PATENT APPLICATIONS

U.S. Patent Application No.	Filing Date
To be determined [counterpart of Canadian application 2220747]	Pending
09/082,515	05/21/98
08/939,103	09/26/97
08/936,729	09/25/97
08/893,543	07/08/97
08/803,464	02/20/97
08/747,824	11/13/96

Canadian Patent Application No.	Filing Date
2238733	05/27/98
2227747	01/23/98
2216889	09/26/97
2216517	09/25/97

Japanese Patent Application No.	Filing Date
350237-91	Pending

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

WHEREAS, Northern Telecom Limited ("Assignor"), a Canadian corporation, is the owner of all right, title and interest in, to and under the patents and patent applications identified on the schedule annexed hereto as Schedule A and any divisions, continuations, continuations-in-part, reissues, reexaminations, renewals or extensions thereof and any patent issuing thereon;

WHEREAS, Astec International Limited, a Hong Kong corporation, ("Assignee"), wishes to obtain the entire right, title and interest in, to and under the patents and patent applications identified on Schedule A and any divisions, continuations, continuations-in-part, reissues, reexaminations, renewals or extensions thereof and any patent issuing thereon;

WHEREAS, Assignor agrees at any time to execute and to deliver upon request of Assignee such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions and applications throughout the world, and otherwise to do the necessary to give full effect to and perfect the rights of Astec under this Assignment, including the execution, delivery and procurement of further documents evidencing this assignment as may be necessary or desirable;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns to Assignee all right, title and interest in, to and under the patents and patent applications identified on Schedule A, and any divisions, continuations, continuations-in-part, reissues, reexaminations, renewals or extensions thereof, and any patent issuing thereon, and the right to sue for and to collect damages or any other compensation for past infringement of said patents.

Dated this 25th day of September, 1998.

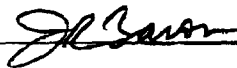
NORTHERN TELECOM LIMITED

By: 

Name: Anthony J. Lafleur
Title: Vice-President and
Associate General Counsel

By: 

Name: Peter G. Kastner
Title: Vice-President,
Mergers and Acquisitions



J.R. BACON
Witness Name

ACKNOWLEDGE AND ACCEPT



JOHN BREWER, DIRECTOR
ASTEC INTERNATIONAL LIMITED

ACKNOWLEDGMENT

PROVINCE OF ONTARIO)
: ss.:
)

On this 25th day of September, 1998, before me personally came Anthony J. Lafleur and Peter G. Kastner, who being by me duly sworn did depose and say that they are Vice-President and Associate General Counsel and Vice-President, Mergers and Acquisitions, respectively, of Northern Telecom Limited, the corporation described in and which executed the foregoing assignment; that they signed their names to the foregoing assignment; and that they were authorized by the said corporation to sign their names thereto.



Notary Public