Form PTO-1595 (Rev. 03/01) (PMB No. 1651-0027 (exp. 5/31/2002)	9 - 2001  U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office				
OMB No. 0651-0027 (exp. 5/31/2002)  Tab settings					
	782668 original documents or copy thereof.				
Name of conveying party(ies):     Nortel Networks Limited	Name and address of receiving party(ies)     Name: STMicroelectronics N.V.				
	Internal Address:				
Additional name of conveying party(ies) attached? ☐ Yes ☒ No ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	JUL.				
3. Nature of conveyance:	Street Address: Route de Pre-Bois 20				
⊠ Assignment ☐ Merger	Street Address: Route de Pie-Bois 20				
☐ Secuirty Agreement ☐ Change of Name	City: 1215 Geneva 15 Country: Switzerland				
Execution Date: May 25, 2001	Additional Name(s) & address(es) attached? ☐ Yes ☒ No				
If this document is being filed together with a new application A. Patent Application No.(s)  Additional numbers atta	B. Patent No.(s)  See attached Exhibit A				
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 33				
Name: Lisa K. Jorgenson	7. Total fee (37 CFR 3.41) \$ <u>1320.00</u>				
Internal Address: STMicroelectronics, Inc.	⊠ Enclosed				
Mail Station 2346	Authorized to be charged to deposit account				
Street Address: 1310 Electronics Drive	8. Deposit account number: 19-1353 (if required)				
City: Carrollton State: TX Zip: 75006	(Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE THIS SPACE					
Total number of pages including of	nation is tru and correct and any attached copy  Signature  Over sheet, attachments, and documents: 6  required cover sheet information to:				

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1320.00 (p.Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

REEL: 011967 FRAME: 0805

## **EXHIBIT A**

## **ISSUED PATENTS**

(Continuation of Item 4 to Recordation Form Cover Sheet Patents Only)

		<del></del>		
ST Ref. No.	Appl. No.	Filing Date	Patent No.	Issue Date
00-NT-072	06/442,864	19-Nov-1982	4,476,475	09-Oct-1984
00-NT-073	06/611,549	17-May-1984	4,651,408	24-Mar-1987
00-NT-074	06/861,887	12-May-1986	4,679,302	14-Jul-1987
00-NT-075	06/653,192	24-Sep-1984	4,680,609	14-Jul-1987
00-NT-076	06/812,993	24-Dec-1985	4,680,854	21-Jul-1987
00-NT-077	06/813,232	24-Dec-1985	4,683,645	04-Aug-1987
00-NT-078	06/864,668	19-May-1986	4,718,973	12-Jan-1988
00-NT-079	06/831,257	20-Feb-1986	4,745,080	17-May-1988
00-NT-080	07/050,467	18-May-1987	4,772,571	20-Sep-1988
00-NT-081	07/157,022	18-Feb-1988	4,804,633	14-Feb-1989
00-NT-082	07/210,333	23-Jun-1988	4,840,701	20-Jun-1989
00-NT-083	07/284,796	13-Dec-1988	4,845,532	04-Jul-1989
00-NT-084	07/133,270	16-Dec-1987	4,849,364	18-Jul-1989
00-NT-085	07/174,260	25-Mar-1988	4,868,618	19-Sep-1989
00-NT-086	07/133,269	16-Dec-1987	4,914,048	03-Apr-1990
00-NT-087	07/293,789	05-Jan-1989	4,954,214	04-Sep-1990
00-NT-088	07/348,258	05-May-1989	4,954,865	04-Sep-1990
00-NT-089	07/411,196	21-Sep-1989	4,957,873	18-Sep-1990
00-NT-090	07/348,256	05-May-1989	4,958,209	18-Sep-1990
00-NT-091	07/471,031	26-Jan-1990	4,965,216	23-Oct-1990
00-NT-092	07/370,319	22-Jun-1989	4,968,641	06-Nov-1990
00-NT-094	06/848,609	07-Apr-1986	4,996,081	26-Feb-1991
00-NT-095	07/470,027	25-Jan-1990	5,015,600	14-May-1991
00-NT-096	08/001,706	07-Jan-1993	5,320,972	14-Jun-1994
00-NT-097	08/163,645	09-Dec-1993	5,422,502	06-Jun-1995
00-NT-098	08/158,544	29-Nov-1993	5,428,243	27-Jun-1995
00-NT-099	08/342,041	17-Nov-1994	5,516,708	14-May-1996
00-NT-100	08/546,642	23-Dec-1995	5,581,112	03-Dec-1996
00-NT-101	08/662,964	13-Jun-1996	5,624,856	29-Apr-1997
00-NT-102	08/665,735	17-Jun-1996	5,686,744	11-Nov-1997
00-NT-103	08/874,253	13-Jun-1997	5,840,596	24-Nov-1998
00-NT-198	07/282,956	05-Dec-1988	4,916,517	10-Apr-1990
00-NT-199	07/194,912	17-May-1988	5,055,419	08-Oct-1991

PATENT REEL: 011967 FRAME: 0806

## PATENT ASSIGNMENT OF RIGHTS

THIS PATENT ASSIGNMENT is made from Nortel Networks Limited, a Canadian corporation, with its executive offices at 8200 Dixie Road, Suite 100, Brampton, Ontario, Canada L6T 5P6 (hereinafter referred to as the "Assignor") to STMicroelectronics N.V., a Dutch corporation, with its principal office at Route de Pre-Bois 20, 1215 Geneva, Switzerland (hereinafter referred to as the "Assignee").

WHEREAS, Assignor desires to assign to Assignee all of the Assignor's right, title and interest in and to the patents and patent applications set out in Schedule A hereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries (hereinafter referred to as the "Patents").

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, set over and transfer to Assignee the entire right, title and interest in and to the said Patents and any and all continuations, divisions, issues and renewals of or substitutes for said Patents, and in, to and under any and all Letters Patent which may be granted on or as a result thereof, and any re-issue or re-examination of said Letters Patent, and in and to any and all priority rights, convention rights and other benefits accruing or to accrue with respect to the filling of applications for patents or the issuance of patents in all countries; the same to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representative, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment, sale and transfer not been made.

And the Assignor hereby authorizes and requests the Commissioner of Patents of Canada and any official of any country or countries foreign to Canada whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, any and all Letters Patent for said Patents, which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.

the application aforesaid, in accordance wi	in the terms of this Assignment.
IN WITNESS WHEREOF, the Assexecuted by its duly authorized officers of 2001	
	NORTEL NETWORKS LIMPTED
	By: Art Fisher Live
	Name: Vice President Intellectual Property Law
Witness	• •
	Title:
	NORTED NETWORKS LIMITED
	By:
·	Name: Dain F. Morrison
Witness	Title: Assistant Secretary

PATENT <sup>J</sup> REEL: 011967 FRAME: 0807

## SCHEDULE "A"

PATENT NO.	COUNTRY
4,476,475	US
1191970	Canada
4,651,408	US
1197628	Canada
4,679,302	US
1267825	Canada
4,680,609	US
1206273	Canada
4,680,854	US
1238429	Canada
4,683,645	US
1216962	Canada
4,718,973	US
1218956	Canada
4,745,080	US
0202727	France
0202727	Germany
2172744	Great Britain
0202727	Italy
2119921	Japan
78505	Korea South
0202727	Netherlands
25983	Taiwan
4,772,571	US
0174773	Germany
2 164 491	Great Britain
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4,840,701	Great Britain
2 207 890	US
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0234054	Germany
2174244	Great Britain
0234054	Italy
2052183	Japan
061026	Korea South
0234054	Netherlands
27072	Taiwan
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4,868,618	US
1276,314	Canada

PATENT REEL: 011967 FRAME: 0808

4,914,048 US 0196757 Belgium 0196757 France 0196757 Germany 2173638 Great Britain 0196757 Italy 2064177 Japan 58093 Korea South 0196757 Netherlands 27064 Taiwan 4,916,517 UD 4,954,214 US 1,287,188 Canada 4,954,865 US 39 14 910.2 Germany 2218569 Great Britain 4,957,873 US 4,958,209 US 2 218 565 Great Britain 2635762 Japan 4,965,216 US 2188479 **Great Britain** 087479 Korea South 4,968,641 US 2,008,499 Canada 4,996,081 US 1,252,372 Canada 5,015,600 US 5,055,419 US 5,320,972 US 5,422,502 US Filed Canada 5,428,243 US 5,516,708 US 5,581,112 US 5,624,856 US 5,686,744 US 197 25 449.7 Germany Filed Japan 5,840,596 US 2243717

**RECORDED: 07/12/2001** 

**PATENT** REEL: 011967 FRAME: 0809

Great Britain