(Rev. 0301) US Patent and US Patent Address: 1. Name of conveying party(ies) 1 - 21 - 03 Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveying party(ies) attached? Yes X No 3. Nature of conveying party(ies) attached? Yes X No 3. Nature of conveying party(ies) attached? Yes X No 3. Nature of conveying party(ies) attached? Yes X No 3. Nature of conveying party(ies) attached? Additional Name(s) & address (s) attached? 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No. (s) SEE SCHEDULE Additional numbers attached? Yes X No 5. Name and addre	Form PTO-1595		1-2003	
To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or colling of conveying party(ies): Mitel Semiconductor Limited I-QI-Q3 Additional name(s) of conveying party(ies): I-QI-Q3 Additional name(s) of conveying party(ies) attached? Yes x No 3. Nature of conveyance:	(Rev. 03/01) OMB No. 0651-0027 (exp. 5//31/2002)		U.s	S. DEPARTMENT OF COUNCIL OU COUNCUL OU COUNCUL OU COUNCUL OU COUNCUL OU COUNCUL OU COUNU
1. Name of conveying party(ies): I-2I-03 2. Name and address of receiving party(ies): Mitel Semiconductor Limited I-2I-03 2. Name and address of receiving party(ies): Additional name(s) of conveying party(ies) attached? Yes x No Intermal Address: Additional name(s) of conveying party(ies) attached? Yes x No Intermal Address: Additional name(s) of conveyance:		- 1023	46567	▼
Mitel Semiconductor Limited I~2/-(J)3 Name: ZARLINK SEMICONDUCTOR LI Additional name(s) of conveying party(ies) attached? Yes (x) No Internal Address: Additional name(s) of conveying party(ies) attached? Yes (x) No Internal Address: Additional name(s) of conveying party(ies) attached? Yes (x) No Internal Address: Additional name(s) of conveying party(ies) attached? Yes (x) No Street Address: Cheney Manor, Swindon Other		ents and Trademarks:	Please record the attached original	documents or copy the
Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: Street Address: Cheney Manor, Swindon Assignment Merger Street Address: Cheney Manor, Swindon Other City: Wittshire Country: United Kingdom Zit Additional Name(s) & address(es) attached? Additional Name(s) & address(es) attached? 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No. (s) SEE SCHEDULE Additional numbers attached? Yes X Additional address of party to whom correspondence 6. Total number of applications and patents invo Name: Alan Israel 7. Total fee (37 CFR 3.41)	1. Name of conveying party(ies): Mitel Semiconductor Limited	1-21-03	Name: ZARLINK SEMICO	ONDUCTOR LIMITED
Assignment Merger Security Agreement X Other	Additional name(s) of conveying party(ies) attached	? Yes X No		
Security Agreement X Change of Name Other	3. Nature of conveyance:		1	
Other	Assignment	Merger	Street Address: Cheney M	Aanor, Swindon
City: Wiltshire Country: United Kingdom Zit Execution Date: 05/30/2001 Additional Name(s) & address(es) attached? 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No. (s) SEE SCHEDULE Additional numbers attached? Additional numbers attached? Yes Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents invo Name: Alan Israel 7. Total fee (37 CFR 3.41)	Security Agreement	Change of Name		
Execution Date: 05/30/2001 Additional Name(s) & address(es) attached? 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No. (s) SEE SCHEDULE Additional numbers attached? Yes A. Patent Application No.(s) B. Patent No. (s) SEE SCHEDULE Additional numbers attached? Yes Aname and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved applications applications and patents involved applications applic	Other			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:			City: <u>Wiltshire</u> Country: <u>Unite</u>	ed Kingdom Zip: <u>SN2</u>
If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) SEE SCHEDULE Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Alan Israel 6. Total number of applications and patents involved for the applications and patents involved for theapplications and patents involved for the	Execution Date:05/30/2001		Additional Name(s) & address(es	s) attached? Yes
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Kirschstein, Ottinger, Israel & Schiffmiller, P.C. Internal Address: Internal Address: Authorized to be charged to deposition Street Address: 489 Fifth Avenue City: New York Statement and signature. Do NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copplis a true copy of the original document. Alan Israel January 1			6. Total number of applications	and patents involved:
Internal Address:	Name: Alan Israel		7. Total fee (37 CFR 3.41)	\$ 340.00
Authorized to be charged to deposit Authorized to be charged to deposit Authorized to be charged to deposit Street Address: 489 Fifth Avenue 11-1145 City: New York State: NY Zip: 10017-6105 Do Not Use This space 9. Statement and signature. 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. Alan Israel	Kirschstein, Ottinger, Israel & Schiffmiller, P.C.		x Enclosed	
Street Address: <u>489 Fifth Avenue</u> 11-1145 City: New York State: NY Zip: 10017-6105 City: New York State: NY Zip: 10017-6105 DO NOT USE THIS SPACE Statement and signature. 70 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. Alan Israel	Internal Address:		Authorized to be cha	arged to deposit acco
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ZARLINK SEMICONDUCTOR LIMITED

SCHEDULE OF UNITED STATES PATENT APPLICATIONS

U.S. Patent Application Serial No.	Filing Date
09/611,719	07/05/2000
09/657,432	09/07/2000
09/790,062	02/21/2001
09/599,925	06/22/2000
09/590,332	06/08/2000
09/658,745	09/11/2000
09/454,642	12/06/1999
09/656,574	09/07/2000
09/616,342	07/14/2000

PATENT REEL: 013680 FRAME: 0557



THE COMPANIES ACT 1985

Company No. **705031**

The Registrar of Companies for England and Wales hereby certifies that

ZARLINK SEMICONDUCTOR LIMITED

formerly called MITEL SEMINCONDUCTOR LIMITED

which name was changed by special resolution was incorporated under the **Companies Act 1948**

as a limited company on the **5th October 1961** and that the certificate of incorporation altered to meet the circumstances of the case was issued on the **30th May 2001**

Given at Companies House, Cardiff the 19th August 2002

Vrf Stephers

MRS V OTEPHENS for the Registrar of Companies



Companies House

- for the record -----

RECORDED: 01/21/2003

PATENT REEL: 013680 FRAME: 0558