FORM PTO-1595 RECORDATION FOF	
OMB No. 0651-0011 (exp. 4/94)	T TANKAN MANTAN KANA TANA MANTANA MANTA
To the Honorable Commissioner of Patents and Trademarks: Ple	101014318 ase record the attached original documents or copy thereof.
1. Name of conveying party(ies).	2. Name and address of receiving party(ies)
Avimo Group Limited	Filplas Vacuum Technology PTE Ltd.
Additional name(s) of conveying party(ies) attached?	Address:
3. Nature of conveyance:	34 Bukit Pasoh Road
Assignment D Merger	Singapore 089848
↓ □ Security Agreement □ Change of Name	
Other Execution Dates: <u>January 5, 1999</u>	Additional names(s) & address(es) attached? □Yes ⊠r
 4. Application number(s) or patent number(s): 08/894,419 & 08/894,420 	If this document is being filed together with a ne application,the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached?	Additional numbers attached? $\square_{\mathrm{Yes}} igstace{}_{No}$
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved
Name: <u>Alan Israel</u>	7. Total Fee (37 C.F.R. 3.41) <u>\$80.00</u>
Address: <u>KIRSCHSTEIN, et al.</u>	Enclosed
489 Fifth Avenue	Authorized to be charged to deposit account
New York, New York 10017	
04/16/1999 JSHABAZZ 00000273 08894419 01 FC:581 60.00 0P	8. Deposit account number:
DO NOT USE T	THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing infor copy of the original document.	Actas
Alan Israel Name of Person Signing Sign	<u>April 8, 1999</u> hature Date
Total number of pages including cover sl	,
	PATENT
	REEL: 9885 FRAME: 0093

SCHEDULE 1

APPLICATIONS

Application No.	Country Filed	Date Filed		Brief Title	
GB 9503305.6	United Kingdom	20 1 995	February	Filtered Cathodic Arc Source	
WO PCT/GB96/00389	PCT	20 1996	February		
EP 96903119.4	European Patent Office	20 1996	February		
US 08/894 420	United States	20 1996	February		
SG 9704281-6	Singapore	20 1996	February		
GB 9503304.9	United Kingdom	20 1995	February	Deposition Apparatus	
WO PCT/GB96/00390	PCT	20 1996	February		
EP 96903120.2	European Patent Office	20 1996	February		
US 08/894 419	United States	20 1996	February		
SG 9704279-0	Singapore	20 1996	February		

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,		CERTIFIED JAU	MAPON GAPORE
		Execution Copy	ł
	Between		
	AVIMO GROUP LIMITED as the Assignor		
	. and		
	FILPLAS VACUUM TECHNOLOGY PTE LTD as the Assignee	٠	
	5		
	DEED OF ASSIGNMENT		
	AS/JM/1998-222/co		
			•
	ARFAT SELVAM & GUNASINGHAM Advocates & Solicitors		
	30 Raffles Place, #12-00 Caltex House Singapore 048622		

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This Deed of Assignment is made the 5th day of January

1999 PANG KIN WOOL A Advocate & Solicitui SINGAPORE

BETWEEN

AVIMO GROUP LIMITED, a public company incorporated under the laws of the Republic of Singapore and having its registered office and principal place of business at 34 Bukit Pasoh Road, Singapore 089848 (hereinafter referred to as "the Assignor")

AND

FILPLAS VACUUM TECHNOLOGY PTE. LTD., a private limited company incorporated under the laws of the Republic of Singapore and having its registered office at 34 Bukit Pasoh Road, Singapore 089848 (hereinafter referred to as "the Assignee").

WHEREAS

- A. The Assignor is the proprietor and beneficial owner of the two (2) patent applications as listed in Schedule 1 (the "Applications");
- B. The Assignor agrees to assign all its right, title and interest in and to the Applications to the Assignee in consideration for which the Assignee covenants with the Assignor that the Assignor shall be allotted and issued 144,999 ordinary shares of par value S\$1 each in the capital of the Assignee credited as fully paid up;
- C. The Assignee agrees to accept such assignment, subject to the terms and conditions herein contained.

NOW, THEREFORE, in consideration of the foregoing recitals and the mutual promises herein contained, and for other consideration, the sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

- 1. The Assignor, with full title and guarantee, hereby ASSIGNS absolutely to the Assignee free from encumbrances, for itself and its successors, transferees and assignees:
 - 1.1 all its right, title and interest in and to the Applications and the inventions described in the Applications (hereinafter called the "Inventions");
 - 1.2 the right to sue for damages and all any other remedies in respect thereof including, without limiting to, all rights relating to ady acts or infringements whether past or future, to instigate and take proceedings, within the scope of the claims of any published specification of any of the Applications; and

1.3 the right to apply for, prosecute and obtain patent or similar protection throughout the world in respect of the Inventions claimed h:\jm\ntu\Avimo Assignment

in the Applications including the right to claim priority therefrom to the intent that the grant of any patents or similar protection shall be in the name of and vest in the Assignee.

- 2. The Assignor represents that under a Collaboration and Know-How Agreement dated 24th May 1995 the Assignor obtained the Nanyang Technological University's ("NTU") right, title and interest in the Applications and Inventions, and has the right to assign or otherwise transfer as set forth herein, and covenants with the Assignee that the Assignor has not at any time before, on or after the date hereof made and will not hereafter make any assignment, grant, mortgage, licence, or other agreement affecting the right, title, and interest herein assigned or otherwise transferred, save for the licence granted to NTU under the aforesaid Collaboration and Know-How Agreement. For the avoidance of doubt, it is acknowledged by all parties that collaborations with third parties had been entered into by the Assignor with a view to developing and commercialising the Applications and Inventions prior to the date of this Deed, and that certain limited rights may have accrued to such third parties in the course of such collaborations.
- 3. Each party further covenants to each other that it will at all times hereafter do all such acts and execute all such documents as may be reasonably necessary or desirable both to consummate the transactions as contemplated herein and to assist in the resolution of any question between the parties.
- 4. If any provision of this Deed shall be held to be invalid, illegal or unenforceable, in whole or in part, under any applicable law, the validity, legality and enforceability of the remaining provisions under such jurisdiction shall not be affected or impaired thereby, nor shall the validity, legality and enforceability of this Deed be in any way affected to or impaired under the laws of any other jurisdiction.
- 5. This Deed shall be governed by and construed in accordance with the laws of Singapore. In relation to any legal action or proceeding arising out of or in connection with this Deed, the parties hereby irrevocable and unconditionally submit to the exclusive jurisdiction of the courts of Singapore.

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IN WITNESS whereof the Assignor and the Assignee hereto have executed this Deed of Assignment the day and year first above written.

SIGNED, SEALED AND DELIVERED ON BEHALF OF AVIMO GROUP LIMITED

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Director

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Director/Secretary

SIGNED, SEALED AND DELIVERED ON BEHALF OF FILPLAS VACUUM TECHNOLOGY PTE. LTD.

)) Dire

Director/Secretary

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RECORDED: 04/12/1999