04-08-2003

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To the Honorable Commissioner of Patents and Trade or copy thereof.	marks: Please record the attached original documents		
1. Name of conveying party(ies): Pierce Joseph Nagle Andrei Grebennikov Frank Sharpe Gerard Quilligan	Name and address of receiving party(ies):     M/A-Com Eurotec BV     Orlyplein 10,     1043 DP Amsterdam		
Additional name(s) of conveying party(ies) attached? □Yes ■No	Additional name(s) and address(es) attached? ☐ Yes ■ No		
3. Nature of conveyance:  ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other  Execution Date: 03/20/2003	jc821 U.S. PTC 10/396251		
4. Application number(s) or patent number(s):	10396251		
If this document is being filed together with a new application, the  A. Patent Application No.(s)  B. Patent No.(s)			
Additional numbers attached? ☐ Yes ■ No	6. Total number of applications and patents involved: 1		
5. Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$40.00		
Joseph E. Tessari, Esquire Tyco Technology Resources 4550 New Linden Hill Road	■ Enclosed  □ Authorized to be charged to deposit account		
Suite 140 Wilmington, DE 19808-2952	8. Deposit Account No. 50-1442 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE			
9. Statement and signature.			
To the best of my knowledge and belief, the foregoing information of the original document	or control of the con		
Paul A. Taufer Name of Person Signing Signature Total num	Date  mber of pages including one cover sheet, attachments and document: 3		
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**PATENT REEL: 013918 FRAME: 0486** 

## ASSIGNMENT

We, Pierce Joseph Nagle, Andrei Grebennikov, Frank Sharpe and Gerard Quilligan who reside at 19 Heatherton Park, South Douglas Road, Cork City, Ireland, 2 Eagle Trace, Little Island, Cork, Ireland, 75 The Drive, Broadale, Maryborough Hill, Douglas, Cork, Ireland and 4 Suil na hAbhainn, Mill Road, Limerick, Ireland respectively, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

APPARATUS, METHODS AND ARTICLES OF MANUFACTURE FOR PROCESSING AN ELECTROMAGNETIC WAVE

which application was executed by the inventor on the date of execution of this assignment, and is identified by Attorney Docket Number 17964, and M/A-Com Eurotec BV whose address is Orlyplein 10, 1043 DP Amsterdam and which, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name(s) or in the name of Assignee or

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ASSIGNMENT

otherwise as Assignee may deem advisable, under the International Convention or otherwise;

- 3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us or our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s), hereinbelow.

In testimony whereof we have affixed our signature(s).

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Hie D. Combe service Mulling Witness) And Compe service Mulling Witness)	14 03/03 14 May 63. Raice 16 (Date) Pierce Joseph 14 May 03 (Date) Andrei Grebens	14.03.03
Witness) Witness) Witness) Witness	(Date) Gerard Que	Duilligen 20-Mar-2043

ASSIGNMENT

**RECORDED: 03/25/2003** 

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PATENT REEL: 013918 FRAME: 0489