

08-04-2004



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Form PTO-1595
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OMB No. 0651-0027 (exp. 6/30/2005)
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 72004
James Paul Kingston
Stanley Vincent Paquette
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: M/A Com, Inc.
Internal Address: _____
Street Address: 1011 Pawtucket Blvd
City: Lowell State: MA Zip: 01853
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 7/14/04 and 7/14/04, respectfully

4. Application number(s) or patent number(s): 10894812
If this document is being filed together with a new application, the execution date of the application is: _____ 7/14/04 and _____
A. Patent Application No.(s) _____
B. Patent No.(s) _____ 7/14/04, respectfully
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Michael J. Aronoff
Internal Address: Tyco Electronics Corporation
Street Address: 4550 New Linden Hill Road
Suite 140
City: Wilmington State: DE Zip: 19808

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
01-2384

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9. Signature.
Evan R. Sotiriou [Signature] July 20, 2004
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

08/03/2004 6TON11 00000192 012384 10894812

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PATENT
REEL: 015630 FRAME: 0637

10/894812



072004

ASSIGNMENT

We, James Paul Kingston of 10 Hadley Road, Pepperell, MA 01463 and Stanley Vincent Paquette of 199 Primrose Hill Road, Dracut, MA 01826 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

FERRITE CIRCULATOR HAVING ALIGNMENT MEMBERS

which application was executed by the inventors on the date of execution of this assignment, and is identified by Attorney Docket No. 18166 (AT Docket No. 20958-1509) and M/A Com, Inc. whose address is 1011 Pawtucket Blvd., Lowell, MA 01853 and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring 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 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

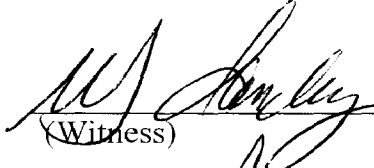
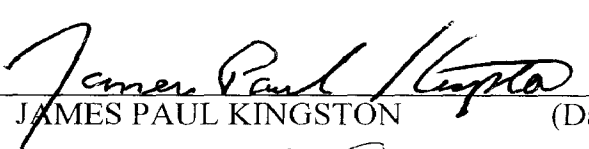
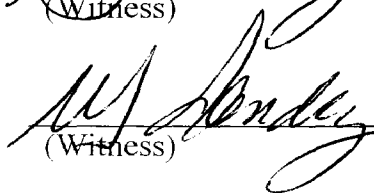
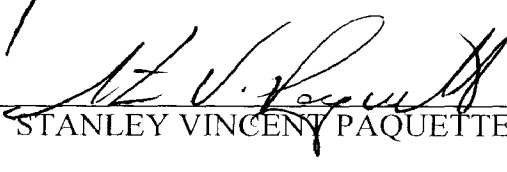
to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

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;

5. 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 me/us or my/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 our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our 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).

 (Witness)	<u>7/14/04</u> (Date)	 JAMES PAUL KINGSTON	<u>7-14-04</u> (Date)
 (Witness)	<u>7/14/04</u> (Date)	 STANLEY VINCENT PAQUETTE	<u>7-14-04</u> (Date)