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To the Honorable Commissioner of Patents

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Attached original documents or copy thereof.

1. Name of conveying party(ies): Robert R. Ruble, III Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies): Name: BMI, Inc. Internal Address: _____

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other _____ Execution Date: November 20, 1997

Street Address: 345 North Eric City: Palatine State: IL ZIP: 60067 Additional name(s) & address(es) attached? Yes No

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) 09/002,221 B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Tammy S. Settle Internal Address: Company Name: Vedder, Price, Kaufman & Kammholz Street Address: 222 North LaSalle Street Suite 2600 City: Chicago State: IL ZIP: 60601

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 (Any Deficiencies) 8. Deposit account number: 22-0259 (Attach duplicate copy of this page if paying by deposit account)

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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. Tammy S. Settle Name of Person Signing Signature Date: April 16, 1999 Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:

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ASSIGNMENT

I, ~~We~~, Robert R. Ruble, III of (city), County of _____, State of Illinois ~~and~~
N/A _____ ~~of (city), County of _____, State of Illinois;~~ for good and valuable
consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to
BMI, Inc. dba
BOLDT METRONICS INTERNATIONAL, an Illinois corporation, having its principal place of
business at 345 North Eric Drive, Palatine, Illinois 60067, its successors, assigns and legal
representatives, the entire right, title and interest in and to all subject matter invented by us and
disclosed in an application for patent of the United States entitled

CARRIER TAPE

executed by us on the dates indicated below, and in and to all Patent and all convention and treaty
rights of all kinds, in all countries throughout the world, for all such subject matter. We agree to
sign all documents necessary to secure all said patent and rights and request issuance of all said
patent to the above Assignee in accordance with this Assignment.

Nov. 20., 1997

Robert R Ruble III
(name of inventor)
N/A

_____, 1997

(name of inventor)