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103590556

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
  
Robert Humes Luppold  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Electro-Mek, Inc.  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
Street Address: 2700 Nuttman Avenue  
\_\_\_\_\_  
City: Fort Wayne  
State: Indiana  
Country: U.S.A. Zip: 46802  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) February 11, 2010  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
12650817  
B. Patent No.(s)  
  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: George Pappas  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
Street Address: 919 S. Harrison Street, Suite 300  
\_\_\_\_\_  
City: Fort Wayne  
State: Indiana Zip: 46802  
Phone Number: (260) 426-2340  
Fax Number: (260) 426-2223  
Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 01  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
  
Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:** \_\_\_\_\_  
George Pappas  
Signature  
Name of Person Signing  
Date: February 16, 2010  
Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, I, Robert Humes Luppold, residing at 114 Vernon Drive, West Newton, Pennsylvania 15089, have invented certain improvements in:

APPARATUS AND METHOD FOR REDUCING AIRCRAFT FUEL CONSUMPTION described and claimed in an application for Letters Patent of The United States of America thereon, said application having been executed by me on even date herewith; and,

WHEREAS, Telectro-Mek, Inc., an Indiana corporation, having a place of business at 2700 Nuttman Avenue, Fort Wayne, Indiana 46802, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent;

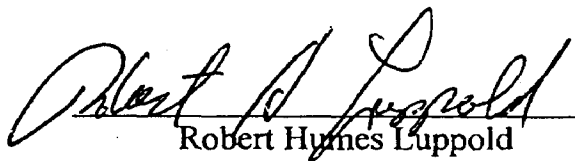
NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to me in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I, Robert Humes Luppold, by these presents do assign, sell, transfer and set over unto said Telectro-Mek, Inc., its successors and assigns, the full, entire and exclusive right, title and interest, for the territory of the United States of America and for all foreign countries, in and to said invention, as described in the application identified above, and in and to said application and any divisions or continuations or continuations-in-part thereof or substitutes therefor which may be filed, and in and to any patents or reissues, renewals or extensions thereof which may be granted on said application or for said invention, and in and to any patent application which may be filed on said invention in countries foreign to the United States of America and any patents granted thereon; said invention, applications, and Letters Patent to be held and enjoyed by said Telectro-Mek, Inc., for its own use and benefit and for its successors, heirs, or assigns, to the full end of the term or terms for which said Letters Patent may be granted,

as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I hereby authorize and request the Patent and Trademark Office officials in the United States of America and the Patent Office officials of any and all foreign countries to issue any and all of said Letters Patent, when granted to said Telectro-Mek, Inc., as the assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Telectro-Mek, Inc., its successors and assigns.

Further, we agree to execute all papers and to give such lawful testimony and to perform such other lawful acts as said Telectro-Mek, Inc., its successors and assigns may require to enable it or them to procure Letters Patent on said invention or reissues or extensions thereof in the United States of America and/or in any foreign country, and/or to hold, enforce or convey said Letters Patent, reissues or extensions.

Executed this 11 day of February, 2010.

  
Robert Hynes Luppold