

FORM PTO-1619A  
Expires 08/30/99  
OMB 0651-0027

03-12-2001

U.S. Department of Commerce  
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PATENT



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J1033 U.S. PTO  
09/782836

02/14/01

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**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

Name (line 1) LILLEY, Timothy J.

Execution Date  
Month Day Year  
1/2/01

Name (line 2)

**Second Party**

Name (line 1) KINGMAN, Grantland L

Execution Date  
Month Day Year  
2/9/01

Name (line 2)

09/782836

**Receiving Party**☐ Mark if additional names of receiving parties attached

Name (line 1) BAE Systems Controls Inc.

Name (line 2)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Address (line 1) 600 Main Street

Address (line 2)

Address (line 3) Johnson City

NY

13790

City

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**Domestic Representative Name and Address**

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Name

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FORM PTO-1619B

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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## Correspondent Name and Address

Area Code and Telephone Number

609-987-6881

Name Edward J. Howard

Address (line 1) Buchanan Ingersoll PC

Address (line 2) 650 College Road East

Address (line 3) Princeton, NJ 08540

Address (line 4)

## Pages

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## Application Number(s) or Patent Number(s)

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## Patent Cooperation Treaty (PCT)

Enter PCT application number  
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# 1

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indicated herein.

Edward J. Howard

Name of Person Signing

Signature

2/14/01

Date

BAE-1  
Docket 52AY1381***ASSIGNMENT***

WHEREAS, we the below-named inventors whose residence and post office are as stated below, have invented certain new and useful improvements in "POWER COMBINING APPARATUS FOR HYBRID ELECTRIC VEHICLE" for which an application for United States Letters Patent was executed by us on even date herewith, and

WHEREAS, BAE SYSTEMS Controls, Inc., a corporation of the State of Delaware, having an office at 600 Main Street, Johnson City, NY 13790, hereinafter called the ASSIGNEE, is desirous of acquiring the entire right, title and interest in the application and the invention and to any Letters Patent that may be granted therefor in the United States of America and in any and all countries foreign thereto;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign to ASSIGNEE the entire right, title and interest in the application and the invention, to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the invention that may be granted in the United States of America and in any and all countries foreign thereto, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefor on the invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office, and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said invention in the United States of America and in any and all countries foreign thereto.

Docket 52AY1381

**PATENT**  
**REEL: 011559 FRAME: 0824**

BAE-1  
Docket 52AY 1381Name of SECOND Inventor: Grantland I. KingmanResidence: Fishers, IndianaPost Office Address: 12012 Colbarn Drive, Fishers, IN 46038Date: Feb 9, 2001 Signature: 

State of Indiana )

County of Hamilton )  
SS:

On this 9 day of Feb, 2001, before me, a Notary Public in and for the County and State aforesaid, appeared Grantland I. Kingman, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

  
Notary Public

SEAL