FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08/REV03 03-29-2002



Docket No.: 9518-68942

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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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): John W. Wall  | Name and address of receiving party(ies):   |
| $\alpha \ln n \ln 1$   | Name: Arvin Technologies, Inc.  |
| 0) 10/0  | Internal Address:   |
| Additional names(s) of conveying party(ies)  | **************************************  |
| 3. Nature of conveyance:   | <u> </u>  |
| ✓ Assignment ☐ Merger  | Street Address: 2135 West Maple Road  |
| ☐ Security Agreement ☐ Change of Name  |   |
| ☐ Other  | City: Troy State: MI ZIP: 48084   |
| Execution Date: 3/8/02   |   |
| Execution Date. 3/6/02   | Additional name(s) & address(es) attached?   Yes   No   |
| 4. Application number(s) or patent numbers(s):   |   |
| If this document is being filed together with a new application  | , the execution date of the application is: 3/8/02  |
| A. Patent Application No.(s)   | B. Patent No.(s)  |
| 03/25/2002 RHARIS1 00000018 10102132   |   |
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| 04 FC:581 40.00 UP   |   |
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| Additional numbers attac   |   |
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| 5. Name and address of party to whom correspondence concerning document should be mailed:  |   |
| Additional numbers attact  5. Name and address of party to whom correspondence   | 6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41):\$  40.00  Enclosed - Any excess or insufficiency should be   |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  | 7. Total fee (37 CFR 3.41):\$  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  | Total number of applications and patents involved:      Total fee (37 CFR 3.41):\$      40.00      Enclosed - Any excess or insufficiency should be credited or debited to deposit account      Authorized to be charged to deposit account   |
| Additional numbers attact  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  Internal Address: BARNES & THORNBURG   | 7. Total fee (37 CFR 3.41):\$  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  | 6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41):\$  40.00  ■ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  ■ Authorized to be charged to deposit account  8. Deposit account number:  10-0435  |
| Additional numbers attact  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  Internal Address: BARNES & THORNBURG  Street Address: 11 S. Meridian Street  | Total number of applications and patents involved:      Total fee (37 CFR 3.41):\$      40.00      Enclosed - Any excess or insufficiency should be credited or debited to deposit account      Authorized to be charged to deposit account      B. Deposit account number:   |
| Additional numbers attact  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  Internal Address: BARNES & THORNBURG  Street Address: 11 S. Meridian Street  City: Indianapolis State: IN ZIP: 46204   | Total number of applications and patents involved:      Total fee (37 CFR 3.41):\$      40.00      Enclosed - Any excess or insufficiency should be credited or debited to deposit account      Authorized to be charged to deposit account      Deposit account number:  10-0435   |
| Additional numbers attact  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  Internal Address: BARNES & THORNBURG  Street Address: 11 S. Meridian Street  City: Indianapolis State: IN ZIP: 46204  DO NOT   | 6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41):\$  40.00  ■ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  ■ Authorized to be charged to deposit account  8. Deposit account number:  10-0435  (Attach duplicate copy of this page if paying by deposit account)   |
| Additional numbers attact  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  Internal Address: BARNES & THORNBURG  Street Address: 11 S. Meridian Street  City: Indianapolis State: IN ZIP: 46204  DO NOT To the best of my knowledge and belief, the foregoing inform                              | 6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41):\$ 40.00  ■ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  ■ Authorized to be charged to deposit account  8. Deposit account number:  10-0435  (Attach duplicate copy of this page if paying by deposit account)  FUSE THIS SPACE  mation is true and correct and any attached copy is a true copy                      |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  Internal Address: BARNES & THORNBURG  Street Address: 11 S. Meridian Street  City: Indianapolis State: IN ZIP: 46204  DO NOT  9. Statement and signature.  To the best of my knowledge and belief, the foregoing inform of the original document. | 6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41):\$ 40.00  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  8. Deposit account number:  10-0435  (Attach duplicate copy of this page if paying by deposit account)  USE THIS SPACE  nation is true and correct and any attached copy is a true copy  3/20/02                  |
| Additional numbers attact  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shawn D. Bauer  Internal Address: BARNES & THORNBURG  Street Address: 11 S. Meridian Street  City: Indianapolis State: IN ZIP: 46204  DO NOT To the best of my knowledge and belief, the foregoing inform                              | 6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41):\$ 40.00  Enclosed - Any excess or insufficiency should be credited or debited to deposit account  Authorized to be charged to deposit account  8. Deposit account number:  10-0435  (Attach duplicate copy of this page if paying by deposit account)  USE THIS SPACE  nation is true and correct and any attached copy is a true copy  3/20/02  Signature  Date |

| Attorney Docket No.:  | 9518-68942          |  |
|-----------------------|---------------------|--|
| Client Reference No.: | IP01-07 (01MRA0280) |  |

## ASSIGNMENT

|  | In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,    |
|--|--|
| Name(s)<br>of Inventor(s)  | John W. Wall   |
|  | and  |
|  | maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled |
| Title of<br>Application  | APPARATUS AND METHOD FOR RELEASING A FILTER FROM A FILTER CAP OF A FILTER ASSEMBLY   |
|  | the undersigned hereby sell(s), assign(s), and set(s) over to  |
| Name of<br>Assignee  | Arvin Technologies, Inc.   |
| Address of principal place of business                                     | 2135 West Maple Road  Troy, Michigan 48084-7186  |
| Insert State of<br>Incorporation<br>(if applicable) or<br>"Not Applicable" | a corporation of Michigan  |

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

PATENT REEL: 012718 FRAME: 0168

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignce or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of

| IN WITNESS WHEREOF, I have executed this assignment this, _2  | t at ARVINMERITOR - PUROLATOR                            |
|---|--|
|   | John W. Wall Inventor (Signature)                        |
|   | John W. Wall Inventor (Printed Name)                     |
| ACKNOWLED   | OGMENT   |
| STATE OF The State of SS:  COUNTY OF Which within and for Acknowledged before me, a Notary Public, within and for | said County and State. Witness my hand and Notarial Seal |
| this Stw day of March, d  | Notary Public Variation                                  |
|   | Sholay W. Parkar<br>Printed Name                         |
| My Commission Expires: Missign be 10,2006   | Resident ofCounty  |

INDS01 SDB 430253v1

RECORDED: 03/20/2002