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FORM PTO-1595

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OVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

OMB No. 0651-0011 (exp.

Tab settings

102325036

ONLY DT12 Rec'd PTO 24 SEP 2002

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Satoru SIMIZU
Y. Sean CHO
Arkady MARGOLIN
Richard T. OBERMYER
Suryanarayan G. SANKAR

9.7600

2. Name and address of receiving party(ies)

Name: Advanced Materials Corporation

Internal Address:

Street Address: 700 Technology Drive

City: Pittsburgh

State: PA ZIP: 15230-2950

Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
Security Agreement Change of Name
Other

Execution Date: August 29, 2002

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: September 3, 2002

A. Patent Application No.(s)

B. Patent No.(s)

10240078

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: Webb Ziesenheim Logsdon

Orkin & Hanson, P.C.

Street Address: 700 Koppers Building

436 Seventh Avenue

City: Pittsburgh State: PA ZIP: 15219-1818

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:

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Reg. No. 28,498

Richard L. Byrne

Name of Person Signing

Signature of Richard L. Byrne

Signature

September 26, 2002

Date

Total number of pages including cover sheet, attachments and document

5

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office Office of Public Records, Crystal Gateway 4, Room 335 Washington, D.C. 20231

## ASSIGNMENT

WHEREAS, We, Satoru SIMIZU, Y. Sean CHO, Arkady MARGOLIN, Richard T. OBERMYER and Suryanarayan G. SANKAR residing at the addresses listed below our signatures have invented certain new and useful improvements in MOTOR CONTROLLER SYSTEM FOR BATTERY-POWERED MOTORS for which we have this day executed an application for United States Letters Patent which is the U.S. National Phase of International Application. No. PCT/US01/13529, filed April 27, 2001, now Publication No. WO 01/86798, published November 15, 2001;

AND, WHEREAS, ADVANCED MATERIALS CORPORATION, a corporation of Pennsylvania, having a place of business at 700 Technology Drive, Pittsburgh, Pennsylvania 15230-2950 hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said applications and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said applications and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said applications, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests

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herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date 8-16-2002

Satoru Simizu  
Satoru Simizu  
4115 Saline Street  
Pittsburgh, PA 15217  
Allegheny County

COMMONWEALTH OF PENNSYLVANIA :  
: SS:  
COUNTY OF Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared Satoru Simizu, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 16<sup>th</sup> day of August, 2002.

Paulette V. Davidson  
Notary Public  
[Notary Seal] Notarial Seal  
Paulette V. Davidson, Notary Public  
City of Pittsburgh, Allegheny County  
My Commission Expires Aug. 26, 2002

Date 8/14/2002

Y. Sean Cho  
Y. Sean Cho  
5740 Howe Street, Apartment 2  
Pittsburgh, PA 15232  
Allegheny County

COMMONWEALTH OF PENNSYLVANIA :  
: SS:  
COUNTY OF Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared Y. Sean Cho, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 14<sup>th</sup> day of August, 2002.

Lee Douglas  
Notary Public

[Notary Seal]

{W0007474.1}

Notarial Seal  
Lee Douglas, Notary Public  
Allegheny County  
My Commission Expires Sept. 2, 2002  
Member: Pennsylvania Association of Notaries

Date 8/19/02

Arkady Margolin  
Arkady Margolin  
5817 Nicholson Street  
Pittsburgh, PA 15217  
Allegheny County

COMMONWEALTH OF PENNSYLVANIA :  
: SS:  
COUNTY OF ALLEGHENY :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared Arkady Margolin, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 19<sup>th</sup> day of August, 2002.

Pamela E. Lewis  
Notary Public

Notarial Seal  
Pamela E. Lewis, Notary Public  
Pittsburgh, Allegheny County  
My Commission Expires Apr. 28, 2006

Member, Pennsylvania Association of Notaries

[Notary Seal]

Date 8/14/02

Richard T. Obermyer  
Richard T. Obermyer  
43 Manorfield Circle  
Delmont, PA 15626

COMMONWEALTH OF PENNSYLVANIA :  
: SS:  
COUNTY OF ALLEGHENY :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared Richard Obermyer, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 14<sup>th</sup> day of AUGUST, 2002.

Mearl A. Saccamago  
Notary Public

NOTARIAL SEAL  
MEARL A. SACCAMAGO, Notary Public  
City of Pittsburgh, Allegheny County  
My Commission Expires Dec. 6 2004

[Notary Seal]

Date AUGUST 29, 2002

Suryanarayan G. Sankar

Suryanarayan G. Sankar  
1224 Ridgewood Drive  
Pittsburgh, PA 15241  
Allegheny County

COMMONWEALTH OF PENNSYLVANIA :  
: ss:  
COUNTY OF Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth, personally appeared Suryanarayan G. Sankar, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 29 day of August, 2002.

Rosalind Criscon

Notary Public

[Notary Seal]

Notarial Seal  
Rosalind Criscon, Notary Public  
Bethel Park Boro, Allegheny County  
My Commission Expires Mar. 22, 2006