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To the Honorable Commissioner of Patents and Trademarks 102109528

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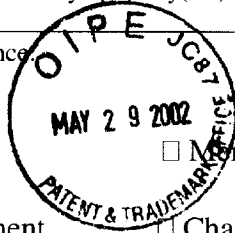
1. Name of conveying Party(ies): Yeong-Chan YOO, Do-Young SEUNG and Isobel DAVIDSON

2. name and address of receiving party(ies)

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

Name: Samsung, Advanced Institute of Technology
Street Address: P. O. Box 111, Suwon 440-600
City: Kyung Ki-Do State:
Postal Code:
Country: Korea

3. Nature of Conveyance



X Assignment
Security Agreement
Change of Name

National Research Council of Canada
Internal address: Intellectual Property Services
Bldg. M-58, Room EG-12
Street Address: Montreal Road
City: Ottawa State: Ontario
Postal Code: K1A 0R6
Country: Canada
Additional name(s) & addresses attached? Yes No

Execution Date: February 8, 2002

4. Application number(s) or patent number(s)

09/857,701 filed August 20, 2001

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No

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

6. Total number of applications and patents involved 1

Name: J. Wayne Anderson
Street Address: National Research Council of Canada
Bldg. M-58, Room EG-10
City: Ottawa State: Ontario
Postal Code: K1A 0R6
Country: Canada

7. Total fee (37 CFR 3.41)\$40.00
Enclosed
X to be charged to MASTERCARD ACCOUNT. The Form PTO-2038 is enclosed.

8. Deposit account number: 14-0429
to be used for any deficiency of the amount above.

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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.

J. Wayne Anderson
Name of Person Signing

Handwritten signature

28 May 2002
Date

Total number of pages including cover sheet, attachments and document 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 20231

05/30/2002 AWCND4F1 00000036 09857701

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40.00 OP

ASSIGNMENT

Whereas, we, **Yeong-Chan YOO** and **Do-young SEUNG** citizens of Korea and **Isobel DAVIDSON** a citizen of Canada, residing at 164 CentrepoinTE Drive, Nepean Ontario, K2G 5C2, Canada; Shindong-A, Apartment 7-1007, Suchodong, Sucho-gu, Seoul, Korea and 1569 Delia Cresc., Orleans, Ontario, K4A 2X7, Canada, respectively, are joint co-inventors respectively, of an invention for which we have made application for Letters Patent of the United States of America and an International PCT Application; and whereas **Samsung, Advanced Institute of Technology**, situated at P.O. Box 111, Suwon 440-600, Kyung Ki-Do, Korea and **National Research Council of Canada**, incorporated as a company under the National Research Council Act by the Parliament of Canada, and situated in the city of Ottawa, Province of Ontario, Canada, are desirous of acquiring our entire interests therein;

NOW, THEREFORE, in consideration of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **Yeong-Chan Yoo** and **Do-young Seung**, do sell and assign to **Samsung**, our full and exclusive rights, for the territory of Canada and the United States Of America and all other countries, in and to the said invention as described and claimed in the applications for patent entitled **Cathode Active Material For Lithium Electrochemical Cells** in the United States of America on the 8th day of October 1999, Serial Number 60/158,303, and in the PCT International Office on 8th of October, 2000, Serial Number PCT/CA00/00194, we hereby request the Commissioner of Patents and Trademarks in all countries to issue said Letters Patent, as far as our rights are concerned, to **Samsung**, as the assignee, for the sole behoof of said **Samsung**, and its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

And I, **Isobel Davidson**, do sell and assign to **National Research Council of Canada**, my full and exclusive right, for the territory of Canada and the United States of America and all other countries, in and to the said invention as described and claimed in the application for patent entitled **Cathode Active Material For Lithium Electrochemical Cells** , in the United States of America on the 8th day of October, 1999, Serial Number 60/158,303, and in the PCT International Office on 8th of October, 2000,

1/3

Serial Number PCT/CA00/00194, and I hereby request the Commissioner of Patents and Trademarks in all countries to issue said Letters Patent, as far as my rights are concerned, to **National Research Council of Canada**, as the assignee, for the sole behoof of said **National Research Council of Canada**, and its legal representatives, to the full end of the term 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.

Executed at
this 8th day of, February 2002.

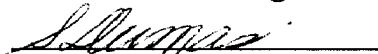


Yeong-Chang YOO

Declaration by Witness

I, Sylvie Dumas, whose full post office address is
2, rue de Rupert, Gatineau, Quebec JBT 7K4 say:

That I was personally present and did see Yeong-Chang Yoo, who is personally known to me duly sign and execute the above Assignment.



Executed at
this 22th day of, March 2002.

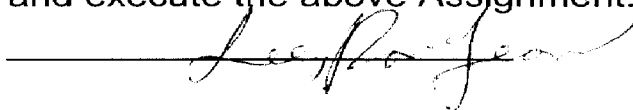


Do-young SEUNG

Declaration by Witness

I, Dr. Yeon Lee, whose full post office address is
#14 Nongseok-Kang-hung-Eup Yongju say:

That I was personally present and did see Do-young Seung, who is personally known to me duly sign and execute the above Assignment.



2/3

Executed at

this 8th day of, February 2002.

Isobel Davidson
Isobel DAVIDSON

Declaration by Witness

I, Sylvie Dumas, whose full post office address is
2, rue de Rupert, Gatineau, Québec J8T 1K4 say:

That I was personally present and did see Isobel Davidson, who is
personally known to me duly sign and execute the above Assignment.

S. Dumas