

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Nitin P. Padture, 871 Storrs Road, Storrs, CT 06268 and Juthamas Jitcharoen, 11 Foster Drive, Willimantic CT 06226, hereby

Sell, assign and transfer to **University of Connecticut**, a CT corporation having a place of business at 263 Farmington Avenue, Dowling North-2, Farmington, CT 06030-0868, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, our entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on April 20, 1998, under Serial No. 09/062,870 and entitled **FUNCTIONALLY-GRADED MATERIALS AND THE ENGINEERING OF TRIBOLOGICAL RESISTANCE AT SURFACES**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

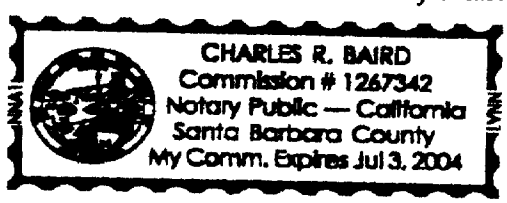
We covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

Dated: May 16, 2001 Nitin P. Padture
Nitin P. Padture

STATE OF CALIFORNIA :
COUNTY OF SANTA BARBARA :

Subscribed and sworn to before me this 16TH day of MAY, 2001.

SEAL Charles R. Baird
Notary Public



My Commission Expires JULY 3, 2004

Dated: _____
Juthamas Jitcharoen

STATE OF _____ :
COUNTY OF _____ :

Subscribed and sworn to before me this _____ day of _____.

SEAL _____
Notary Public

My Commission Expires _____

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Dated: _____ Nitin P. Padture

STATE OF _____ :
COUNTY OF _____ :

Subscribed and sworn to before me this _____ day of _____.

SEAL _____
Notary Public

My Commission Expires _____

Dated: 04/19/2001 ^{sum} _____
Juthamas Jitchareen

STATE OF _____ :
COUNTY OF THAILAND _____ :

Subscribed and sworn to before me this _____ day of _____.

SEAL _____
Notary Public

My Commission Expires _____