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Name Patent Administrator

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Address (line 2) High Street Tower

Address (line 3) 125 High Street

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Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Table with 6 columns for application and patent numbers. First cell contains 10/646,098.

Patent Cooperation Treaty (PCT)

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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. Charges to deposit account are authorized, as indicated herein.

Natasha C. Us, Reg. No. 44,381 Name of Person Signing

Natasha C. Us Signature

January 21, 2005 Date

ASSIGNMENT

For valuable consideration, we, HARRY L. TULLER of Wellesley, MA, and YTSHAK AVRAHAMI of Arlington, MA, hereby assign to: Massachusetts Institute of Technology, a Massachusetts and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled STABILIZED TITANATE THIN FILM STRUCTURES, filed August 23, 2002, and assigned U.S. Serial Number 60/405,297, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this 25 day of SEPTEMBER, 2002

HARRY L. TULLER L.S.

State of Massachusetts :

: ss.

County of Middlesex :

Before me this 25 day of September, 2002, personally appeared HARRY L. TULLER known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Charles T. Munger
Notary Public

My Commission Expires:

CHARLES T. MUNGER
Notary Public
My Commission Expires
December 2, 2005

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this 25 day of September, 2002

Avrahami

YTSHAK AVRAHAMI L.S.

State of Massachusetts :
: ss.

County of Middlesex :

Before me this 25 day of September, 2002, personally appeared YTSHAK AVRAHAMI known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Charles T. Munger

Notary Public

My Commission Expires:

CHARLES T. MUNGER
Notary Public
My Commission Expires
December 2, 2005

[Notary's Seal Here]