

PATENT ASSIGNMENT

Electronic Version v08
 Stylesheet Version v02

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|-------------------------|----------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-------------------------|----------------|

| | |
|------------------------------|-----------------------------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT OF ASSIGNOR'S INTEREST |
|------------------------------|-----------------------------------|

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| Ramgopal (NMN) Darolia | 2004-09-29 |
| Brett Allen Rohrer Boutwell | 2004-09-29 |
| Brian Thomas Hazel | 2004-10-01 |
| Bangalore Aswatha Nagaraj | 2004-10-05 |
| Joseph David Rigney | 2004-09-30 |
| Roger D. Wustman | 2004-10-05 |

RECEIVING PARTY DATA

| Name | Street Address | Internal Address | City | State/Country | Postal Code |
|--------------------------|----------------|------------------|-------------|---------------|-------------|
| General Electric Company | 1 River Road | | Schenectady | NEW YORK | 12345 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|--------------------|----------|
| Application Number | 10711364 |

CORRESPONDENCE DATA

FAX NUMBER: 2194641166
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 030952

| | |
|--------------------------------|-----------------------|
| NAME OF PERSON SIGNING: | Domenica N.S. Hartman |
|--------------------------------|-----------------------|

| | |
|---------------------|------------|
| DATE SIGNED: | 2004-11-11 |
|---------------------|------------|

Total Attachments: 3
 source=assignment.tif
 source=assignment02.tif
 source=assignment03.tif

CH \$40.00 070865 10711364

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee innovation and Proprietary Information or other agreement and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we

| | | |
|----------------------------|----|---|
| Ramgopal (NMN) Darolia | of | West Chester, OH |
| Brett Alan Rohrer Boutwell | of | Liberty Township, OH |
| Brian Thomas Hazel | of | Cincinnati, OH <i>westchester 10/1/04</i> |
| Bangalore Aswatha Nagaraj | of | West Chester, OH |
| Joseph David Rigney | of | Milford, OH |
| Roger D. Wustman | of | Mason, OH |

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as "Company"), its successors and assigns my (our) entire respective rights(s), titles(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

THERMAL BARRIER COATING WITH MODULATED GRAIN STRUCTURE AND METHOD THEREFOR

_____ executed concurrently herewith, or

X US Serial No.: 10/711,364 , filed September 14, 2004 .

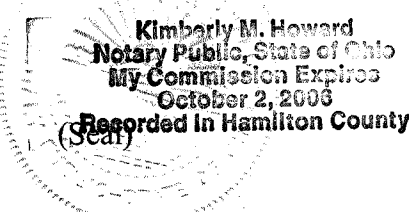
and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said inventions and improvements in all countries.

9/29/04
Date

Ramgopal Darolia
Ramgopal (NMN) Darolia

State of Ohio)
) SS:
County of Hamilton)

This 29th day of September, 2004, before me personally came the above-named Ramgopal (NMN) Darolia to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Kimberly M. Howard
(Notary Public)

Brett Allen Rohrer Boutwell 9/29/04

Date Brett Allen Rohrer Boutwell

State of Ohio) SS:

County of Hamilton)

Allen
BAB 9/29/04

This 29th day of September, 2004, before me personally came the above-named Brett Allan Rohrer Boutwell to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Kimberly M. Howard
(Notary Public)

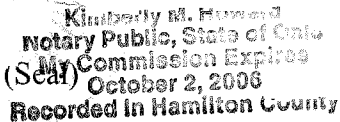
Brian Thomas Hazel

Date Brian Thomas Hazel

State of Ohio) SS:

County of Hamilton)

This 1st day of October, 2004, before me personally came the above-named Brian Thomas Hazel to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Kimberly M. Howard
(Notary Public)

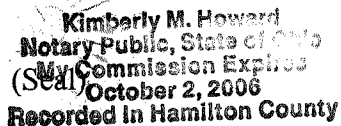
10/05/04 Bangalore Aswatha Nagaraj

Date Bangalore Aswatha Nagaraj

State of Ohio) SS:

County of Hamilton)

This 5th day of October, 2004, before me personally came the above-named Bangalore Aswatha Nagaraj to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Kimberly M. Howard
(Notary Public)

9/30/04
Date

Joseph David Rigney
Joseph David Rigney

State of Ohio)
) SS:
County of Hamilton)

This 30th day of September, 2004, before me personally came the above-named Joseph David Rigney to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Kimberly M. Howard
Notary Public, State of Ohio
My Commission Expires
October 2, 2006
(Seal) Recorded in Hamilton County

Kimberly M. Howard
(Notary Public)

10-5-04
Date

Roger D. Wustman
Roger D. Wustman

State of Ohio)
) SS:
County of Hamilton)

This 5th day of October, before me personally came the above-named Roger D. Wustman to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Kimberly M. Howard
Notary Public, State of Ohio
My Commission Expires
October 2, 2006
(Seal) Recorded in Hamilton County

Kimberly M. Howard
(Notary Public)