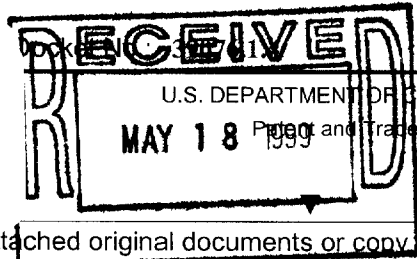


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Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Robert C. Linares and Patrick J. Doering

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: Linares Management Associates, Inc.

Internal Address: _____

Street Address: 93 West Street

City: Medfield State: MA ZIP: 02052

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: 12 May 1999

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 12 May 1999

A. Patent Application No.(s) 09/312,326

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Philip M. Goldman

Internal Address: Fredrikson & Byron, P.A.

1100 International Centre

Street Address: 900 2nd Ave. S.

City: Minneapolis State: MN ZIP: 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number: 061910

05/24/1999 JSHABAZZ 00000112 FREDRIKSONBYRON 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.

Philip M. Goldman [Signature] 14 MAY 1999

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT

We, Robert C. Linares and Patrick J. Doering, citizens of the United States, residing at P.O. Box 336, Sherborn, MA 01770, and 48 Appleyard Lane, Holliston, MA 01746, respectively, have made an invention relating to SYSTEM AND METHOD FOR PRODUCING SYNTHETIC DIAMOND and have executed an application for United States Letters Patent based thereon and identified by attorney's File No. 39076.1.4 and naming the following inventors: Robert C. Linares and Patrick J. Doering, Application No. _____, filed _____ . We hereby authorize and request our attorney, Philip M. Goldman, Fredrikson & Byron, P.A. of 1100 International Centre, 900 Second Avenue South, Minneapolis, Minnesota 55402, to insert the filing date and application number of said application when known.

In exchange for good and valuable consideration, the receipt of which we now acknowledge, we hereby assign to Linares Management Associates, Inc., a Massachusetts corporation having its principal place of business at 93 West Street, Medfield, MA 02052, its successors and assigns:

- (1) The entire right, title and interest to the above-identified invention and application;
- (2) The entire right, title and interest to any United States or foreign Letters Patents which may issue with respect to the above-identified invention;
- (3) The entire right, title and interest to any renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions that may be filed with respect to the above-identified invention and application; and
- (4) The right to apply for Letters Patents in foreign countries in its own name and to claim any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

We further agree for ourselves and for our heirs, executors and administrators, to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Linares Management Associates, Inc., its successors and assigns may deem necessary to fully secure its rights, title or interest as outlined herein.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue to Linares Management Associates, Inc., any Letters Patents which may be granted in accordance with this Assignment.

Dated this 12th day of May, 1999.

Robert C. Linares
Robert C. Linares

Subscribed and sworn to before me this 12th day of May, 1999.

Georgia K. Calvo
Notary Public

my commission expires 1/20/06

Dated this 12th day of May, 1999.

Patrick J. Doering
Patrick J. Doering

Subscribed and sworn to before me this 12th day of May, 1999.

Georgia K. Calvo
Notary Public

my commission expires 1/20/06



**UNITED STATES DEPARTMENT OF COMMERCE
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JULY 28, 1999

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FREDRIKSON & BYRON, P.A.
PHILIP M. GOLDMAN
1100 INTERNATIONAL CENTRE
900 2ND AVE. S.
MINNEAPOLIS, MN 55402

Record

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 101049882

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING DOES NOT ADEQUATELY IDENTIFY THE PROPERTY NUMBER(S). THE APPLICATION NUMBER AND SERIES CODE OR THE SERIAL NUMBER AND FILING DATE IS REQUIRED.

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
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