

10-27-1999

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027



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U.S. Department of Commerce  
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**PATENT**

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**PATENT**  
**REEL: 010326 FRAME: 0918**

## Correspondent Name and Address

Area Code and Telephone Number (303) 449-9497

Name Carl A. Forest

Address (line 1) Duft, Graziano &amp; Forest, P.C.

Address (line 2) 1790 - 30th Street

Address (line 3) Suite 140

Address (line 4) Boulder, CO 80301-1018

## Pages

Enter the total number of pages of the attached conveyance document including any attachments.

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## Application Number(s) or Patent Number(s)

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Enter PCT application number  
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## Number of Properties

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## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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No

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

Carl A. Forest

Name of Person Signing

Signature

Date

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**PATENT****Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

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Name (line 1) Gruhler, Holger

Execution Date  
Month Day Year

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Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Freygang, Michael

09/20/1999

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Muller, Martin

09/20/1999

Name (line 2)

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Address (line 1)

Address (line 2)

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Assignment.)**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)**



ASSIGNMENT

In consideration of the sum of one dollar (\$ 1,00) and other good and valuable considerations paid to the undersigned, the undersigned, ZENGERLE; HEY; GRUHLER; FREYGANG; MÜLLER agree to assign, and hereby does assign, transfer and set over to

Hahn-Schickard-Gesellschaft für  
angewandte Forschung e. V.  
Wilhelm-Schickard-Straße 10  
D-78052 Villingen-Schwenningen, Germany

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

Device and Method of Applying Microdroplets to a Substrate

for which the undersigned has (have) executed an application for patent in the United States of America on filed herewith.

1) The undersigned agree to execute all papers necessary in connection with the application and any continuing of divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of valid United States patent to the Assignee.

4) The undersigned agree to communicate to the Assignee or representatives thereof any facts known to us respecting the invention and improvements thereof, and will, upon request, but without expense to us, testify in any legal proceedings regarding the invention.

5) The undersigned hereby authorize and request the Commissioner of Patents to issue any and all Letter Patents the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant the firm of DUFT, GRAZIANO & FOREST, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

7) This Agreement shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

IN WITNESS WHEREOF, this Assignment was executed by the undersigned on the dates opposite the undersigned names.

Date 9/20/99...

Inventor

Roland ZENGERLE

Witness

Nicolaus HEY

Date 9/20/99

Inventor

Nicolaus HEY

Witness

Roland ZENGERLE

Date 9/20/99

Inventor

Holger GRUHLER

Witness

Roland ZENGERLE

Date .9/20/99...

Inventor .....

Michael FREYGANG

Witness .....

Roland ZENGERLE

Date .9/20/99...

Inventor .....

Martin MÜLLER

Witness .....

Roland ZENGERLE