Form PTO-1595 U.S. Department of Commerce 101039951 ΞT Patent and Trademark Office PATENTS ONLY To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Metsä-Serla Oyj Petri SILENIUS Street Address: Revontulentie 6 City: Espoo Zip Code: FIN-02100 Additional name(s) of conveying party(ies) attached? □ yes ⋈ no Country: Finland 3. Nature of Conveyance: Additional name(s) & address(es) attached? □ yes ⋈ no ■ Assignment □ Merger □ Change of Name □ Security Agreement □ Other _ Execution Date: February 22, 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is February 22, 1999. A. Patent Application No(s). B. Patent No(s). □ yes 🛮 no Additional numbers attached? 6. Total number of applications and patents involved 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sterne, Kessler, Goldstein & Fox P.L.L.C. 7. Total fee (37 C.F.R. § 3.41)......\$ 40.00 ■ Enclosed Internal Address: c/o Michele A. Cimbala □ Authorized to be charged to Deposit Account 1100 New York Ave., N.W. Street Address: 8. Deposit Account Number: 19-0036 Suite 600 City: Washington State: D.C. Zip Code: 20005-3934 05/19/1999 JSHABAZZ 00000110 09309604 DO NOT USE THIS SPACE 40.00 OP 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. huitet A. Cintal Michele A. Cimbala Name of Person Signing Signature Registration No. 33,851 Total number of pages including cover sheet, attachments and document 3 OMB NO. 0651-0011 (exp.4/94) Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments

Washington, D.C. 20231

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ASSIGNMENT

| In consideration of the sum of One D | ollar (\$1.00) or equivale | nt and other good and valuable consideration |
|---|----------------------------|--|
| noid to each of the undersigned inventor(s): | Petri Silenius | , the undersigned inventor(s) hereby sell(s) |
| and assign(s) to Metsä-Serla Oyj | (the Assignee) his | /her entire right, title and interest, including |
| the right to sue for and collect for all past, pr | | es: |

check applicable box(es) of for the United States of America (as defined in 35 U.S.C. § 100), and throughout the world,

"Porous coating pigment and a method
(a) in the invention(s) known as for its production" for which application(s) for patent in the United States of America has (have) been executed by the undersigned on February 22, 1999 (also known as United States Application No. to be assigned, filed forwith (May 1,1999), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael O. Lee, Esquire, Registration No. 35,239; and Steven R. Ludwig, Registration No. 36,203, of STERNE, KESSLER, GOLDSTEIN & FOX

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P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

| Date: | February 22, 1999 | Signature of Inventor: | <name></name> | Petri Silenius |
|-------|-------------------|------------------------|---------------|----------------|
| Date: | | Signature of Inventor: | <name></name> | |
| Date: | : | Signature of Inventor: | <name></name> | |
| Date: | | Signature of Inventor: | <name></name> | |

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PATENT REEL: 009951 FRAME: 0936

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): Petri Silenius, the undersigned inventor(s) hereby sell(s) and assign(s) to Metsä-Serla Oyj (the Assignee) his/her entire right, title and interest, including the right to sue for and collect for all past, present and future damages:

check applicable box(es)

✓ for the United States of America (as defined in 35 U.S.C. § 100),

✓ and throughout the world,

"Porous coating pigment and a method

- (a) in the invention(s) known as for its production" for which application(s) for patent in the United States of America has (have) been executed by the undersigned on February 22, 1999 (also known as United States Application No. 1994), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
 - (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
 - (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

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PATENT REEL: 009951 FRAME: 0937

MAC Res No 33851, 1991, 1991

P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

| | | • | QI | |
|-------|-------------------|------------------------|---------------|----------------|
| Date: | February 22, 1999 | Signature of Inventor: | <name></name> | Petri Silenius |
| Date: | | Signature of Inventor: | <name></name> | |
| Date: | | Signature of Inventor: | <name></name> | |
| Date: | | Signature of Inventor: | <name></name> | |

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RECORDED: 05/11/1999

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