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ched original documents or copy thereof.

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| signatures) 1. 3/02/06 2. 3/02/06 3. 3/02/06 | (X) Application filed herewith | | | | |
| 4. 3/02/06 5. 3/17/06 6. 3/22/06 | Additional numbers attached? | | | | |
| | () Yes (X) No | | | | |
| Party to whom correspondence concerning document should be mailed: | Total number of applications and patents involved: 1 | | | | |
| Customer No. 20,995 | 10 (57/50) | | | | |
| Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: WAKAB97.001APC | 10 [57/50) | | | | |
| 7. Total fee (37 CFR 1.21(h)): \$40.00 | 8. Deposit account number: 11-1410 | | | | |
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| Kotouhira Arai | March 10, 2006 | | | | |
| Katsuhiro Arai Name of Person Signing Sign | March 10, 2006 pature Date | | | | |
| 43,315 Registration No. | | | | | |
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| ereinafter | referred to as | Assignor (collectively if more than one inventor is listed above), have invented certain |
| new and us | seful improver | ments in METAL NANOPARTICLE DISPERSION USABLE FOR EJECTION |
| IN THE | FORM OF F | FINE DROPLETS TO BE APPLIED IN THE LAYERED SHAPE |
| | | |
| he specific | cation of which | h: |
| (a | | is attached hereto; or |
| (b | | |
| (0 | , | was filed on as |
| | | Application No or Express Mail No., as |
| | | Application No. not yet known |
| | | and was amended on(if applicable); or |
| (c | (2) | was described and claimed in PCT International Application No. |
| | | PCT/JP2004/013229 filed on September 10, 2004 |

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| | and as amended u | inder P | CI Article 19 on | |
|--|---|---|--|---|
| | (if any) and/or un | der PC | T Article 34 on | (if any). |
| AND WHEREA | S, <u>NATIONAL I</u> | NSTIT | UTE OF ADVANCED INDUSTRIAL SO | CIENCE AND |
| TECHNOLOGY | _with its principal | place of | f business at 3-1, Kasumigaseki 1-chor | ne, Chiyoda-ku, |
| Tokyo 100-8921 Japan | , and HARIM | A CHE | MICALS, INC., with its principal pla | ce of business at |
| 671-4, Mizuashi, Noguch | icho, Kakogawa-sh | i, Hyog | go 657-0019 Japan | |
| | | | ire the entire right, title, and interest in an America, its territories and possessions. | d to the said |
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| legal representatives and proceeding, sign all lawfu oaths and generally do ev | assigns, any facts l il papers, execute a erything possible t | known Il divis o aid A | d agrees that it will communicate to Assig to it respecting said improvements, and sional, continuing and reissue application assignee, its successors, legal representati improvements in the United States of Am | testify in any legal s, make all rightful ves and assigns, to |
| IN TESTIMON signature. | Y WHEREOF, As | ssignor | intending to be legally bound has he | ereunto affixed its |
| This 2nd day of | March | _, 2006 | Daisake Itoh Signature of Daisuke ITOH | |
| This 2nd day of | March | , 2006 | AkihiTo Izumilani Signature of Akihito IZUMITANI | - |
| This 2nd day of | March | , 2006 | Nound- Haty Signature of Nortaki HATA | |
| Γhis 2nd day of | March | , 2006 | Signature of Yorishige MATSUBA | |
| This // day of | March | , 2005 | Signature of Kazuhiro MURATA | rta |
| This 22 day of | March | , 2005 | Avosti Ukayama Signature of Hiroshi YOKOYAMA | <u>a_</u> |
| Γhis day of | | , 2005 | Signature of | |
| PF-58 | | | Signature of | |

RECORDED: 03/10/2006

PATENT REEL: 017698 FRAME: 0005