

06-14-2000



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Correspondent Name and Address

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2

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

09412175

Patent Number(s)

5352269

5230729

5651808

5776264

5841045

5728197

5885372

5869019

5919428

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
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has not been assigned.

PCT

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Number of Properties

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Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 400.00

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Donald F. Frei, Reg. No. 21,190

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May 17, 2000

Date

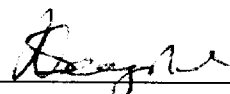
ASSIGNMENT OF PATENTS AND PENDING PATENT APPLICATION

This Assignment is made to **N.V. UNION MINIERE S.A.**, a corporation organized under the laws of Belgium, located at Rue du Marais, 31, B-1000 Brussels, Belgium, by **NANODYNE INCORPORATED**, a Delaware corporation, located in Maxton, North Carolina.

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to it in hand paid by **N.V. UNION MINIERE S.A.**, the receipt of which is hereby acknowledged, **NANODYNE INCORPORATED** has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over unto **N.V. UNION MINIERE S.A.**, its successors, assigns and/or legal representatives, its entire right, title and interest in and to the patents and applications identified in the Appendix, consisting of one (1) page, attached hereto and made a part hereof, including the right to sue and collect for past infringement thereof.

SIGNED

this 16th day of MAY, 2000: **NANODYNE INCORPORATED**

By: 

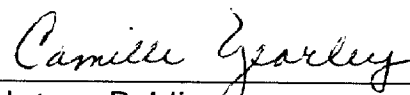
Name: PURNESH SEEGOPAL

Title: GEN. MGR.

STATE OF New Jersey)
COUNTY OF Middlesex) ss:

On this 16th day of May, 2000, before me personally appeared Purnesh Seegopal, to me known and known to me to be the individual aforesaid, an Officer of **NANODYNE INCORPORATED** to execute this assignment, who duly acknowledged the signing of the foregoing instrument to be their voluntary act and deed and who executed the same for the uses and purposes therein specified.

[SEAL]


Notary Public

SIGNED AT 11 Industrial Drive
New Brunswick, NJ

Camille Yearley
Notary Public of New Jersey
My Commission Expires
Oct. 07, 2003

APPENDIX

U.S. Patent 5,352,269 — SPRAY CONVERSION PROCESS FOR THE PRODUCTION OF NANOPHASE COMPOSITE POWDERS, granted October 4, 1994

U.S. Patent 5,230,729 — CARBOTHERMIC REACTION PROCESS FOR MAKING NANOPHASE WC-CO POWDERS, granted July 27, 1993

U.S. Patent 5,651,808 — CARBOTHERMIC REACTION PROCESS FOR MAKING NANOPHASE WC-CO POWDERS, granted July 29, 1997

U.S. Patent 5,776,264 — METHOD FOR PRODUCING AMORPHOUS BASED METALS, granted July 7, 1998

U.S. Patent 5,841,045 — CEMENTED CARBIDE ARTICLES AND MASTER ALLOY COMPOSITION, granted November 24, 1998

U.S. Patent 5,728,197 — RECLAMATION PROCESS FOR TUNGSTEN CARBIDE/COBALT USING ACID DIGESTION, granted March 17, 1998

U.S. Patent 5,885,372 — MULTI-STEP PROCESS TO INCORPORATE GRAIN GROWTH INHIBITORS IN WC-CO COMPOSITE, granted March 23, 1999

U.S. Patent 5,869,019 — SYNTHESIS OF PHASE STABILIZED VANADIUM AND CHROMIUM CARBIDES, granted February 9, 1999

U.S. Patent 5,919,428 — METHOD OF FORMING WC PARTICLES, granted July 6, 1999

Pending U.S. Application Serial No. 09/412,175 — METHOD OF FORMING MOLYBDENUM CARBIDE CATALYST, filed September 30, 1999