

04-18-2000

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Kazuhiko NAGANO; Kazunobu ABE; Shigefumi KAMISAKA; Kiyoshi FUKAI; Tsutomu HATANAKA; Shinji OHGAMA; Hiroshi NAKAO; Minoru YONEDA; and Hideto MIZUTANI

Additional name(s) of conveying party(ies) attached? No

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

Name: Sakai Chemical Industry Co., Ltd.Street Address: 1-23, Ebisunochi Nishi 1-choCity: Sakai-shi, Osaka 590-8502 Country: JapanAdditional name(s) & address(es) attached? No

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Execution Date: March 3, 2000

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:

A. Patent Application No.(s)
09/463,021, filed January 19, 2000

B. Patent No.(s)

Additional numbers attached? No

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

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Matthew Jacob, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 200066. Total number of applications and patents involved:
One7. Total fee (37 CFR 3.41). \$40.00

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A S S I G N M E N T

(U.S.A.)

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Kazuhiko NAGANO
Kazunobu ABE
Shigefumi KAMISAKA
Kiyoshi FUKAI
Tsutomu HATANAKA
Shinji OHGAMA
Hiroshi NAKAO
Minoru YONEDA and
Hideto MIZUTANI

the undersigned hereby sell(s) and assign(s) to
SAKAI CHEMICAL INDUSTRY CO., LTD.
of 1 23, Ebisunocho Nishi 1-cho, Sakai-shi, Osaka 590-8502
Japan

(hereinafter designated as the Assignees) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

PROCESS FOR PRODUCING FINE SPHERICAL PARTICLES OF CARBONATE OR HYDROXIDE OF NICKEL, COBALT OR COPPER

for which an application for patent in the United States has been executed by the undersigned

on March 3, 2000

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

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

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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

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

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800 Washington, D.C. 20006, 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March 3, 2000

Inventor

Kazuhiko Nagano
Kazuhiko NAGANO

Date	<u>March 3, 2000</u>	Inventor	<u>K. Abe</u> Kazunobu ABE
Date	<u>March 3, 2000</u>	Inventor	<u>Shigefumi Kamisaka</u> Shigefumi KAMISAKA
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Date	<u>March 3, 2000</u>	Inventor	<u>Hideto Mizutani</u> Hideto MIZUTANI
		Witness	<u>Takeshi Fujita</u>
		Witness	<u>Masahiro Kameda</u>

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____

Filing Date: January 19, 2000

Applicant Ref. No. 10674 US/PCT

Atty. Docket No. 00162/10674 US/PCT

Title of Invention

PROCESS FOR PRODUCING FINE SPHERICAL PARTICLES OF CARBONATE OR HYDROXIDE OF NICKEL, COBALT OR COPPER