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To the Honorable Commissioner of Patents and Trademarks.	jinal documents or copy thereof.
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4. Application number(s) or patent number(s):	·
If this document is being filed together with a new applicatio	on, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
	U.S. 5,306,696
Additional numbers attached? ☐ YesXX No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: George A. Loud	7. Total fee (37 CFR 3.41)\$ 40.00
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01 FC:581 40.00 OP	☐ Authorized to be charged to deposit account
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1. Names of conveying parties:

KABUSHIKI-GAISHA ARUBAKKU KOHPOREHTOSENTAH

JAPAN ENERGY CORPORATION

ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. (formerly ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI KAISHA)

INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER

2. Names and addresses of receiving parties:

NEW ENERGY AND INDUSTRIAL TECHNOLOGY DEVELOPMENT ORGANIZATION having a place of business at 1-1, 3-chome, Higashi-ikebukuro, Toshima-ku, Tokyo, Japan;

INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER having a place of business at 34-3, Shinbashi 5-chome, Minato-ku, Tokyo, Japan;

KABUSHIKI-GAISHA ARUBAKKU KOHPOREHTOSENTAH having a place of business at 11-2, Kyobashi 1-chome, Chuo-ku, Tokyo, Japan;

JAPAN ENERGY CORPORATION having a place of business at 10-1, Toranomon 2-chome, Minato-ku, Tokyo, Japan; and

ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. (formerly ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI KAISHA) having a place of business at 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan

PATENT REEL: 011751 FRAME: 0619

ASSIGNMENT

WHEREAS, WE:

KABUSHIKI-GAISHA ARUBAKKU KOHPOREHTOSENTAH having a place of business at 11-2, Kyobashi 1-chome, Chuo-ku, Tokyo, Japan;

JAPAN ENERGY CORPORATION having a place of business at 10-1,

Toranomon 2-chome, Minato-ku, Tokyo, Japan;

ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. (formerly ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI KAISHA) having a place of business at 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan; and

INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER having a place of business at 34-3, Shinbashi 5-chome, Minato-ku, Tokyo, Japan

(hereinafter "ASSIGNORS") are the joint and exclusive owners, by assignment, of United States Letters Patent No. 5,306,696 for "METHOD OF PRODUCING YBa $_2$ Cu $_4$ O $_x$ -TYPE SUPERCONDUCTING METAL OXIDES";

WHEREAS,

NEW ENERGY AND INDUSTRIAL TECHNOLOGY DEVELOPMENT ORGANIZATION having a place of business at 1-1, 3-chome, Higashi-ikebukuro, Toshima-ku, Tokyo, Japan;

INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER having a place of business at 34-3, Shinbashi 5-chome, Minato-ku, Tokyo,

Japan;

KABUSHIKI-GAISHA ARUBAKKU KOHPOREHTOSENTAH having a place

of business at 11-2, Kyobashi 1-chome, Chuo-ku, Tokyo, Japan;

JAPAN ENERGY CORPORATION having a place of business at 10-1,

Toranomon 2-chome, Minato-ku, Tokyo, Japan; and

ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. (formerly

ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI KAISHA) having a place of

business at 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter "ASSIGNEES"), all corporations of Japan, are desirous

of acquiring an interest therein;

NOW THEREFORE, for and in consideration of the sum of One

Dollar (\$1.00) and other good and valuable consideration, the

receipt of which is hereby acknowledged, said ASSIGNORS, by these

presents does sell, assign and transfer unto said ASSIGNEES, their

successors, legal representatives, heirs and assigns, the entire

right, title and interest to said United States Letters Patent

No. 5,306,696 and to any reissues or extensions of said Letters

Patent, divided among said assignees as follows;

NEW ENERGY AND INDUSTRIAL TECHNOLOGY

DEVELOPMENT ORGANIZATION

Share: 50%

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PATENT REEL: 011751 FRAME: 0621 INTERNATIONAL SUPERCONDUCTIVITY

TECHNOLOGY CENTER

Share: 25%

KABUSHIKI-GAISHA ARUBAKKU KOHPOREHTOSENTAH

Share: $25 \times 65/85$ %

JAPAN ENERGY CORPORATION

Share: 25×10/85%

ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. (formerly ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI

(formerly ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI KAISHA)

Share: 25×10/85%

to be held and enjoyed by said ASSIGNEES for their own use and behoof and for their legal representatives, successors, heirs, and assigns, to the full end of the term for which said Letters Patent is granted and any extensions thereof; and for the same consideration said ASSIGNORS hereby covenant and agree that, at the time of execution and delivery of this instrument, they have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

For: KABUSHIKI-GAISHA ARUBAKKU

KOHPOREHTOSENTAH

Bv:

Yuzo Nakamura

Kyuzo Nakamura

Title: President

Date: April 10, 2001

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FOY: JAPAN ENERGY CORPORATION
By: Akihiko NOMIYAMA
Title: President
Date: April 10, 2001
For: ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.
By: <u>Masakazu Moznka</u> Masakazu MOZUKA
Title: Manager of Technology Planning & Coordination Department
Date: April 10, 2001
For: INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER
By: Shoji Tanaka Shoji Tanaka
Title: Vice President

RECORDED: 04/30/2001

Date: ___April 10, 2001