

REEL: 011751 FRAME: 0618

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

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, Toranomom 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 $\text{YBa}_2\text{Cu}_4\text{O}_x$ -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, Toranomom 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%

INTERNATIONAL SUPERCONDUCTIVITY
TECHNOLOGY CENTER

Share: 25%

KABUSHIKI-GAISHA ARUBAKKU KOHPOREHTOSENTAH

Share: 25×65/85%

JAPAN ENERGY CORPORATION

Share: 25×10/85%

ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.

(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

By: Kyuzo Nakamura.
Kyuzo Nakamura

Title: President

Date: April 10, 2001

For: JAPAN ENERGY CORPORATION

By: Akihiko NOMIYAMA
Akihiko NOMIYAMA

Title: President

Date: April 10, 2001

For: ISHIKAWAJIMA-HARIMA HEAVY
INDUSTRIES CO., LTD.

By: Masakazu ONOZUKA
Masakazu ONOZUKA

Title: Manager of Technology Planning &
Coordination Department

Date: April 10, 2001

For: INTERNATIONAL SUPERCONDUCTIVITY
TECHNOLOGY CENTER

By: Shoji TANAKA
Shoji TANAKA

Title: Vice President

Date: April 10, 2001