

UNITED STATES

ASSIGNMENT FROM INVENTOR

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor: Toshiro KOTOOKA; 20-1, Higashi Yahata 4-chome, Hiratsuka-shi, Kanagawa-ken, Japan - Yoshiyuki SHIMANUKI; 4310, Yokouchi, Hiratsuka-shi, Kanagawa-ken, Japan - Makoto KAMOGAWA; 20-1, Higashi Yahata hereby sells, assigns and transfers to Assignee: 4-chome, Hiratsuka-shi, Kanagawa-ken, Japan

KOMATSU ELECTRONIC METALS CO., LTD. - 2612 Shinomiya, Hiratsuka-shi, Kanagawa-ken, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to, and any and all improvements which are disclosed in

(a) Patent Number _____ dated _____

(b) Application for Letters Patent Serial No. _____ filed _____

(c) Application for Letters Patent which has been executed by the undersigned concurrently herewith and entitled METHOD AND DEVICE FOR MANUFACTURING SINGLE CRYSTALS

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements.

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned will execute all other patent applications; proper oaths, assignments; powers of attorney, or other papers and communicate all facts known to it relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

Assignor warrants that he has the full right to convey the rights and property described herein and no assignment, grant, mortgage or license or other agreement affecting such rights and property has been made to other by the undersigned.

ASSIGNOR

Dated: 11th August 1998
13th August

By Toshiro Kotooka Toshiro KOTOOKA
By Yoshiyuki Shimanuki Yoshiyuki SHIMANUKI
By Makoto Kamogawa Makoto KAMOGAWA

The undersigned declares that he(she) was personally present and did see the above-named individual execute this Assignment of his own free will for the purposes set forth herein.

By Tetsuji Morita
Name Tetsuji MORITA

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