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1. Name of conveying party(ies):

Junichi NISHIDA, Ryoji INOUE and Takehisa SEO

Additional name(s) of conveying party(ies) attached?

☐ yes

☒ no

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

HITACHI METALS, LTD.

2-1, Shibaura-1-chome,

Minato-ku, Tokyo,

Japan

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Names

☐ Other

Additional name(s) & address(es) attached?

☐ yes

☒ no

Execution Date: March 1, 2001

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: March 1, 2001

A. Patent Application No.(s)/Confirmation No.(s)
/Not Yet Assigned

B. Patent No.(s)

Additional numbers attached?

☐ Yes

☒ No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC

2100 Pennsylvania Avenue, N.W.

Suite 800

Washington, D.C. 20037-3213

6. Total number of applications and registration involved:

1

7. Total Fee (37 CFR 3.41):

\$40.00

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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Waddell A. Biggart Reg. No. 24,861

March 19, 2001

Date

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972 U.S. PTO
09/810176
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ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Junichi NISHIDA, Ryoji INOUE, and Takehisa SEO,

citizens of Japan by HITACHI METALS, LTD., a corporation organized under the laws of Japan,

located at 2-1, Shibaura-1-chome, Minato-ku, Tokyo, Japan,

receipt of which is hereby acknowledged, we, the said Junichi NISHIDA, Ryoji INOUE, and Takehisa SEO,

do hereby sell and assign to said HITACHI METALS, LTD.,

~~their~~ successors and assigns, all our right, title and interest, in and for the United States of America, its in and to "AN Fe-Ni ALLOY HAVING HIGH STRENGTH AND LOW THERMAL EXPANSION, A SHADOW MASK MADE OF THE ALLOY, A BRAUN TUBE WITH THE SHADOW MASK, A LEAD FRAME MADE OF THE ALLOY AND A SEMICONDUCTOR ELEMENT WITH THE LEAD FRAME"

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith,

and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI METALS, LTD.,

~~their~~ its Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI METALS, LTD.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Junichi Nishida</u> (Junichi NISHIDA)	March 1, 2001	<u>Kenji Maruta</u>
2) <u>Ryoji Inoue</u> (Ryoji INOUE)	March 1, 2001	<u>Kenji Maruta</u>
3) <u>Takehisa SEO</u> (Takehisa SEO)	March 1, 2001	<u>Kenji Maruta</u>
4) _____ ()	_____	_____
5) _____ ()	_____	_____
6) _____ ()	_____	_____
7) _____ ()	_____	_____
8) _____ ()	_____	_____

RECORDED: 03/19/2001

PATENT
REEL: 011625 FRAME: 0965