

11-16-2005



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103120100

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2. Name and address of receiving party(ies)
Hitachi, Ltd.,
6-6, Marunouchi 1-chome
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JAPAN

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) **September 14, 2005**

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4. Application or patent numbers(s): ☐

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent Registration No.(s)

11/214,857

Additional number(s) attached ☐ Yes ☒ No

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

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

1300 NORTH 17TH STREET - SUITE 1800

City: **ARLINGTON** State: **VA** Zip **22209**

Phone Number: 703-312-6000

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6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$40.00**

- ☒ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

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11/10/2005

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11/14/2005 HALI11 00000067 11214857

02 FC:8021

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PATENT
REEL: 017216 FRAME: 0530

W2568-0
(*)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.,
a corporation organized under the laws of Japan,
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

invented by me (if only one is named below) or us (if plural inventors are named below) 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, Ltd., 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 me or us if this assignment and sale had not been made;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Koichi Hamada

9/14/05

2) Mitsuo Nakajima

9/14/05

3)

4)

5)

6)

7)

8)

9)

10) $\frac{d}{dt} \left(\frac{1}{\sqrt{1-v^2/c^2}} \right) = \frac{v}{c^2} \frac{dv}{dt}$