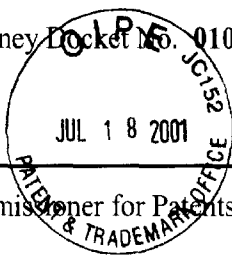


Attorney Docket No. 010589

07-26-2001

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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX New **7-17~1**

Conveyance type: XX Assignment

Conveying Party(ies):

Execution Date

First party	Name:	MAEDA, Kazuharu	June 20, 2001
Second party	Name:	TAKAHASHI, Susumu	June 20, 2001
Third party	Name:	ABE, Toshio	June 20, 2001
Fourth party	Name:	YASUOKA, Kouji	June 20, 2001
Fifth party	Name:	SASAKI, Katsumasa	June 20, 2001
Sixth party	Name:	MITUDOME, Noriyoshi	June 20, 2001
Seventh party	Name:	IWATANI, Sahoko	June 20, 2001

Additional name(s) of conveying party(ies) attached? Yes ___ No X

Receiving Party (ies):

First party Name: **Komatsu Ltd.**
..0 Address: **2-3-6, Akasaka, Minato-ku, Toyko, Japan**

Additional name(s) & address(es) attached? Yes ___ No XX

Domestic Representative Name and Address

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP
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Washington, D.C. 20006

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Washington, D.C. 20006

Telephone: 202-659-2930

Pages Enter the total number of pages of the attached conveyance document: 1
(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes ☐ No ☒
A. Patent Application No.(s) 09/842,683 B. Patent No.(s) _____

(Do not recite both application and patent numbers.)

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____

Patent Cooperation Treaty (PCT)Enter PCT application number only if

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PCT _____

PCT _____

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Number of Properties Enter the total number of properties involved: 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). \$40.00

XX Enclosed

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Statement and signature

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.

Mel R. Quintos
Name of Person Signing

Mel Quintos
Signature

July 18, 2001
Date

31,898
Registration No.

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

Komatsu Ltd. of 2-3-6, Akasaka, Minato-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled **AN INFORMATION PROVIDING SYSTEM AND A METHOD FOR PROVIDING INFORMATION**

(Title of Invention)

(*If the assignment is
being filed after the filing
of the application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on April 27, 2001, Serial No. 09/842,683

(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>K. Maeda</u> (SIGNATURE)	<u>Kazuharu MAEDA</u> (TYPE NAME)	<u>June 20, 2001</u> (DATE)
<u>S. Takahashi</u> (SIGNATURE)	<u>Susumu TAKAHASHI</u> (TYPE NAME)	<u>June 20, 2001</u> (DATE)
<u>T. ABE</u> (SIGNATURE)	<u>Toshio ABE</u> (TYPE NAME)	<u>June 20, 2001</u> (DATE)
<u>K. Yasuoka</u> (SIGNATURE)	<u>Kouji YASUOKA</u> (TYPE NAME)	<u>June 20, 2001</u> (DATE)
<u>K. Sasaki</u> (SIGNATURE)	<u>Katsumasa SASAKI</u> (TYPE NAME)	<u>June 20, 2001</u> (DATE)
<u>[Signature]</u> (SIGNATURE)	<u>Noriyoshi MITSUDOME</u> (TYPE NAME)	<u>June 20, 2001</u> (DATE)
<u>Sahoko Iwatani</u> (SIGNATURE)	<u>Sahoko IWATANI</u> (TYPE NAME)	<u>June 20, 2001</u> (DATE)

NO LEGALIZATION REQUIRED