

Attorney Docket No. 021087

12-20-2002

DEPARTMENT OF COMMERCE  
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Submission type: XX New

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12-16-02

Conveyance type: XX Assignment

       Security Agreement

       License

       Change of name

       Merger

       Other                     

Conveying Party (ies): (Last, First, Middle Initial)

Execution Date

First party Name: **SHIKE, Chikashi**

November 21, 2002

Second party Name: **ABE, Noriaki**

November 21, 2002

Third party Name:

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

Receiving Party (ies):

First party Name: **BIGRENTAL CO., LTD.**

Address: **4-16-1, Saikon, Koriyama, Fukushima 963-8862 Japan**

Second party Name: **KOMATSU LTD.**

Address: **3-6, Akasaka, 2-chome, Minato-ku, Tokyo 107- 414 Japan**

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

Domestic Representative Name and Address



Armstrong, Westerman & Hattori, LLP

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Suite 1000, 1725 K Street

PATENT TRADEMARK OFFICE

Washington, D.C. 20006

(202) 659-2930

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PATENT  
REEL: 013585 FRAME: 0708

## Correspondent Name and Address

Telephone: 202-659-2930

ARMSTRONG, WESTERMAN & HATTORI, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

**Pages** Enter the total number of pages of the attached conveyance document: 2

1. Assignment to BIGRENTAL CO., LTD.

2. Assignment to KOMATSU LTD.

(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes ☐ No ☒ XX

A. Patent Application No.(s)

B. Patent No.(s)

10/237,981

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

(Do not recite both application and patent numbers.)

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

a U.S. Application Number has not been assigned

PCT \_\_\_\_\_

PCT \_\_\_\_\_

PCT \_\_\_\_\_

**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\_\_\_\_ Authorized to be charged to Deposit Account No.: 01-2340**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.

for Ken-Ichi Hattori  
Name of Person Signing

Sadar Kish  
Signature Reg. #48,075

December 16, 2002  
Date

32,861  
Registration No.

Rev. 11/00

KH:jaz

# 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))

**BIGRENTAL CO., LTD.**

**4-16-1, Saikon, Koriyama, Fukushima 963-8862 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

(Title of Invention)

**SYSTEM AND METHOD FOR MONITORING REMOTELY LOCATED OBJECTS**

(\*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 September 10, 2002, Serial No. 10/237,981.

(Armstrong, Westerman & Hattori, LLP 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 therefore 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).

shibi(Signatures)

四家千佳史

(Signature)

**Chikashi SHIKE**

(Type Name)

21 / 11 / 2002

(Date)

Handwritten signature of Noriaki ABE

(Signature)

**Noriaki ABE**

(Type Name)

21 / 11 / 2002

(Date)

(Signature)

(Type Name)

(DATE)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

NO LEGALIZATION REQUIRED

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

**KOMATSU LTD.**

**3-6, Akasaka, 2-chome, Minato-ku, Tokyo 107-8414 Japan**

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(Title of Invention)

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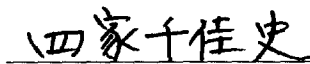
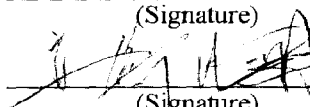
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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

	<b>Chikashi SHIKE</b>	<u>21/11/2002</u>
(Signature)	(Type Name)	(Date)
	<b>Noriaki ABE</b>	<u>21/11/2002</u>
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
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(Signature)	(Type Name)	(Date)
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