Attorney Docket No. 011738

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

Submission type: XX New

Conveyance type: XX Assignment

Conveying Party(ies): Execution Date

First party Name: TAGUCHI, Akihito December 14, 2001

Second party Name: SHIRAI, Norio December 14, 2001

Third party Name: ISHII, Tadaharu December 14, 2001

Fourth party Name:

Fifth party

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

Receiving Party (ies):

Name:

First party Name: KOMATSU LTD.

Address: 2-3-6, Akasaka, Minato-ku, Tokyo, Japan

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

Domestic Representative Name and Address (Enter for the first Receiving Party only)

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

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PATENT REEL: 012415 FRAME: 0245

Page 2					
Correspondent Name and Address Telephone: 202-659-2930 ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006					
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 XX					
A. Patent Application No.(s) ## 10026824 ##					
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>December 14, 2001</u>					
(Do not recite both application and patent numbers.)					
Patent Cooperation Treaty (PCT) PCT					
Enter PCT application number only if a U.S. Application Number has not been assigned 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. Ken-Ichi Hattori					
Name of Person Signing —————————————————————————————————					
December 27, 2001 Date 32,861 Registration No.					

Rev. 11/00

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Armstrong, Westerman, Hattori, McLeland & Naughton

Docket No.	
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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 ASSIGNO	OR) by	
(Insert ASSIGNEE's	Komatsu Ltd.			
Name(s) Address(es))	2-3-6, Akasaka, Minato-ku, Tokyo, Japan			
	(hereinafter ASSIGNEE), the receip hereby sells, assigns and transfers to invention entitled PRODUCT TRAI AND COMPUTER PROGRAM AND	ASSIGNEE the entire and exclusive DING SYSTEM, PRODUCT TRA	e right, title and interest to the DING METHOD,	
(Title of Invention)				
(*If the assignment is being filed after the filing of the application, this	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:			
section must be	filed on	, Serial No	·	
completed)	filed on, Serial No (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 un	dersigned inventor(s) has (have) aff	ixed his/her/their signature(s).	
(Signatures)	$\sqrt{1-r}$	Akihito TAGUCHI	December 14, 2001	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	Soft Males	•	- 1 14 2001	
	(SIGNATURE)	Norio SHIRAI (TYPE NAME)	December 14, 2001	
	, ,	(TIPE NAME)	(DATE)	
	Judahary Ashir	Tadaharu ISHII	December 14, 2001	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	

NO LEGALIZATION REQUIRED

RECORDED: 12/27/2001

(SIGNATURE)

(SIGNATURE)

PATENT REEL: 012415 FRAME: 0247

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