Attorney Docket No. 1020776 RECORI



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Submission type: _XX__New

Conveyance type: XX Assignment

Conveying Party(ies):

Name: SUZUKI, Masayoshi

Second party Name: MATSUKA, Takeshi April 19, 2002

Execution Date

April 19, 2002

Third party Name:

First party

Fourth party Name:

Fifth party Name:

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

Receiving Party (ies):

Name: MITSUBISHI HEAVY INDUSTRIES, LTD. First party

Address: 5-1, Marunouchi, 2-chome, Chiyoda-ku,

Tokyo 100-8315, Japan

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

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

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

> > For Office Use Only

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PATENT REEL: 013002 FRAME: 0406

Page 2						
Correspondent Name and Address 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: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) ## ##						
If this document is being filed together with a <u>new application</u> , enter the date the application was signed by the first named executing inventor: <u>April 19, 2002</u> (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 PCT PCT PCT PCT PC						
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. William G. Kratz, Jr. Name of Person Signing Signature June 12, 2002 Date Registration No.						

Rev. 11/00

PATENT REEL: 013002 FRAME: 0407

Armstrong.	Westerman,	Hattori.	McLeland	&	Naughton

Docket	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 ASSIGN						
(Insert ASSIGNEE's	MITSUBISHI HEAVY INDUSTR	TES . TUD						
Name(s) Address(es))	5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan							
1.11110(5), 1111110(5)(65))	(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOI hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled							
(Title of Invention)	WEB FEED METHOD .	AND WEB FEED APPARAT	rus					
(*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 unles 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 serie 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 an 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 an continuation, divisional, reissue or reexamination applications thereof and also to execute separat 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 an proceeding with such interference, litigation, or other legal proceeding.							
	$\alpha = \alpha + \alpha$		April 19, 20					
(Signatures)	Masayoshi Suzuke		(DATE)					
	(SIGNATURE) ✓	(TYPE NAME)	,					
(Signature) IN WITNESS WHEREOF, the undersigned inventor(s) has (have) aff Masayoshi Suzuki Masayoshi Suzuki (TYPE NAME) Takeshi Matsuka Takeshi Matsuka (TYPE NAME) (SIGNATURE) (SIGNATURE) (SIGNATURE) (SIGNATURE) (SIGNATURE) (SIGNATURE) (TYPE NAME) (SIGNATURE) (TYPE NAME) (SIGNATURE) (SIGNATURE) (TYPE NAME)	April 19, 20							
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	(SIGNATURE)	(TYPE NAME)	(DATE)					
	(SIGNATURE)	(TYPE NAME)	(DATE)					
	(SIGNATURE)	(TYPE NAME)	(DATE)					

NO LEGALIZATION REQUIRED

RECORDED: 06/12/2002

PATENT REEL: 013002 FRAME: 0408