

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Takahiro MIYAMOTO	01/30/2009
Michiaki HAYASHI	01/30/2009
RECEIVING PARTY DATA	
Name:	KDDI Corporation
Street Address:	3-2, Nishi-shinjuku 2-chome, Shinjuku-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12392280
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ATTORNEY DOCKET NUMBER:	090194
NAME OF SUBMITTER:	Sadao Kinashi
Total Attachments: 1 source=090194_Assignment#page1.tif	

OP \$40.00 12392280

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PATENT
REEL: 022340 FRAME: 0457

Docket No. _____

Westerman, Hattori, Daniels & Adrian, LLP

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
KDDI Corporation, 3-2, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan

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

(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)

DATA BACKING UP FOR NETWORKED STORAGE DEVICES USING DE-DUPLICATION TECHNIQUE

(*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 _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, 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).

(Signatures)

Takahiro Miyamoto
(Signature)

Takahiro MIYAMOTO
(Type Name)

30/1/2009
(Date)

Michiaki Hayashi
(Signature)

Michiaki HAYASHI
(Type Name)

30/1/2009
(Date)

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(Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 03/04/2009

REEL: 022340 FRAME: 0458