05-23-2000



FORM PTO-1595 Recordation (Rev. 6-93) OMD No. 0651-0011 (exp. 4/94) PATI	101364261 ###################################
To the Honorable Commissioner of Patents and Trademarks. Plea	The second secon
Name of conveying party(ies): Confirm D. Louise S. Louise	2. Name and address of receiving party(ies):
Geoffrey B. Jackson; Saleel V. Awsare; Ming-Bing Chang; Peter Holzmann; Oliver Chiblman Vaca Hang Chang Pair Could P	Name: Information Storage Devices, Inc.
Chihkuang Kao; Hung-Chuan Pai; Carl R. Additional name(s) of conveying party(ies) attached? ☑ No ☐ Yes	Internal Address:
Nature of Conveyance:	Street Address: 2727 North First Street
Security Agreement Other	City: San Jose State: CA ZIP: 95134
\square Merger Execution Date: $02/10/00$, $02/23/00$,	Additional name(s)& address(es) attached?
 Application number(s) or patent number(s): If this document is being filed together with a new application. A. Patent Application No.(s) 09/501,699 	ation, the execution date of the application is: 02/10/00 02/23/00 B. Patent No.(s)
Additional numbe	ers attached?
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$ 40.00
Internal Address:	Enclosed Authorized to be charged to deposit account
Street Address: 12400 Wilshire Boulevard 7th Floor	8. Deposit Account Number:
City: Los Angeles State: CA ZIP: 90025	02-2666
00 JSHABAZZ 00000252 09501699 40.00 0P DO NOT US	(Attach duplicate copy of this page if paying by deposit account) SE THIS SPACE
0. Statement and signature	d correct and any attached copy is a true copy of the original docume
Thinh V. Nguyen, Reg. No. 42,034 Name of Person Signing Total number of pages including cover sh	Signature May 2, 2000 Date eet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

Attorney Docket No. 042236.P058

Attorney's Docket No.: 042236.P058

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Geoffrey B. Jackson; Saleel V. Awsare; Ming-Bing Chang; Peter Holzmann; Oliver Chihkuang Kao; Hung-Chuan Pai; Carl R. Palmer; Aditya Raina

hereby sell, assign, and transfer to:

Information Storage Devices, Inc.

a corporation of California, having a principal place of business at 2727 North First Street. San Jose, California 95134, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

MULTIPLE MESSAGE MULTILEVEL ANALOG SIGNAL RECORDING AND PLAYBACK SYSTEM HAVING MEMORY ARRAY CONFIGURABLE FOR ANALOG AND DIGITAL STORAGE AND SERIAL COMMUNICATION

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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PATENT REEL: 010796 FRAME: 0953 covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each inventor: Please also list the date that you signed the accompanying DECLARATION & POWER OF ATTORNEY

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Date	Name: Geoffrey B. Jackson	Date
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Date	Name: Saleel V. Awsare	Date
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Date	Name: Ming-Bing Chang	Date
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Date	Name: Peter Holzmann	Date
2/10/2000	Chils A P box	2/10/00
Date	Name: Oliver Chihkuang Kao	Date
2/10/00	Pai, Hy Chi	2/10/00
Date	Name: Hung-Chuan Pai	Date

Date Name: Carl R. Palmer

Each Inventor: Please Sign and Date Below:

Carl R. Palmer

Date

Date

23rd Feb. 20

Date

Date Name: Aditya Raina

Name:

RECORDED: 05/09/2000

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1026

Date

Telephone: (714) 557-3800

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Date

Feb 2000

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