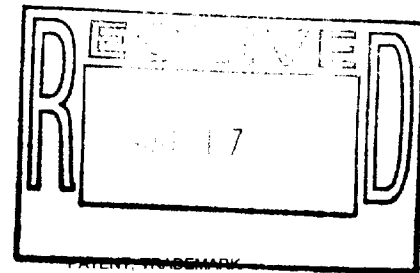


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RECORDATION COVER SHEET - PATENT APPLICATION

NAME OF CONVEYING PARTY : ACTI TECHNOLOGY CORPORATION
NAME OF RECEIVING PARTY : SHINEMORE Technology Corp.
ADDRESS OF RECEIVING PARTY : 13-5 Wang-Kaolou, Fengshan Village,
Hukou, Hsinchu, Taiwan, R.O.C.
NATURE OF CONVEYANCE : Assignment of United States Letters Patent
CONVEYANCE EXECUTION DATE : June 13, 1999
PATENT NUMBER : 5,841,957
PATENT FILED TOGETHER
WITH THIS DOCUMENT : NO
PATENT ISSUE DATE : November 24, 1998
CORRESPONDENCE ADDRESS : RABIN & CHAMPAGNE, P.C.
1725 K Street, N.W., Suite 1111
Washington, D.C. 20006
ATTORNEY REFERENCE : TSA 101
TOTAL NUMBER OF PATENTS
INVOLVED : 1
TOTAL FEE PAID : \$40.00
METHOD OF PAYMENT : ☒ Enclosed
☐ Authorized to be charged to
deposit account

In the event there is attached hereto no check, or a check for an insufficient amount, please charge any deficiency to our Account No. 18-0002 and notify us accordingly.

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.

August 17, 1999

Date

Thomas M. Champagne
(Reg. No. 36,478)

FEE ENCLOSED: \$ 40.00
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fee to our Deposit Account
18-0002

08/19/1999 BCDATES 00000033 5841957

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TMC:vap

40.00 DP

Total number of pages including cover sheet, attachments and document: 2

PATENT
REEL: 010164 FRAME: 0259
REEL: 010164 FRAME: 0259

ASSIGNMENT OF UNITED STATES LETTERS PATENT

WHEREAS ACTI TECHNOLOGY CORPORATION
hereinafter referred to collectively as the assignor, has obtained the U.S. patent rights to a certain invention
relating to PROGRAMMABLE I/O REMAPPER FOR PARTIALLY DEFECTIVE MEMORY DEVICES
claimed in U.S. patent no. 5,841,957, which issued on November 24, 1998,

AND WHEREAS SHINEMORE Technology Corp., 13-5 Wang-Kaolou, Fengshan Village, Hukou, Hsinchu, Taiwan, R.O.C., hereinafter referred to as the assignee, is desirous of acquiring the
entire right, title, and interest in and to said U.S. patent,

NOW WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable
consideration paid by said assignee to said assignor, the receipt and sufficiency of which is hereby
acknowledged, said assignor hereby assigns, sells, and transfers to said assignee, and said assignee's
successors and assigns, the full and exclusive right, title, and interest in and to said U.S. patent; said
assignee, and said assignee's successors and assigns, to have, hold, exercise, and enjoy said U.S.
patent, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining
thereto, for and during the term or terms of said U.S. patent, for the use and benefit of said assignee, and
said assignee's successors and assigns, in as ample and beneficial a manner as said assignor might or
could have held and enjoyed the same, if this assignment had not been made.

EXECUTED, this 13th day of June, 1999.

WITNESSES:

Signature: David Chien
Name: David CHIEN

Address: 13-5 Wang-Kaolou, Fengshan Village, Hukou, Hsinchu, taiwan, R.O.C.

Signature: Dh Chen
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ASSIGNOR:

Signature: Jiang-Tsuen Ju
Name: Jiang-Tsuen JU

Title: President

RABIN & CHAMPAGNE, P.C., Washington, D.C.