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DVD COPY CONTROL ASSOCIATION, INC.,  
Plaintiff,

v.

ANDREW THOMAS MCGLAUGHLIN; ANDREW  
BUNNER; JOHN V. KEW; SCOTT KARLINS;  
GLENN ROSENBLATT; DALE EMMONS;  
EMMANUEL GOLDSTEIN; DOUGLAS R.  
WINSLOW; JONATHAN BLANK; ROGER KUMAR;  
ROBERT JONES; EN HONG; MATTHEW ROBERT  
PAVLOVICH; IAN A. GULLIVER; JON HANSON;  
DAVID M. CHAN; CAMERON SIMPSON; TOM  
VOGT; CYRIL AMSELLEM; THORSTEN FENK;  
ADRAIN BAUGH; and DOES 1-500,  
Defendants.

Case No CV - 786804

**DECLARATION OF  
COMPUTER SCIENTIST  
ROLAND PARVIAINEN**

**IN SUPPPORT OF DEFENDANT  
ANDREW BUNNER'S  
MOTION FOR SUMMARY  
JUDGMENT**

**PARVIAINEN DECL. IN SUPPORT OF DEF. BUNNER'S MO. FOR SUM. JUDGMENT**

1 I, Roland Parviainen, declare:  
2

- 3 1. I am an instructor in the Computer Science and Electrical Engineering Department of  
4 Luleå University of Technology in Luleå, Sweden. I received my M.S. degree in  
5 Computer Science in 1999 from Luleå University and since that time have been a  
6 graduate student in the Ph.D. program in the Computer Science and Electrical  
7 Engineering Department.
- 8 2. I have taught the Computer Security course three times for the Computer Science and  
9 Electrical Engineering Department of Luleå University.
- 10 3. I most recently taught a course in Computer Security in the Spring Term of 2001. As part  
11 of my course, I taught my students about the Content Scrambling System ("CSS") used to  
12 encrypt DVD movie disks.
- 13 4. Information about CSS is freely available within the computer science community. I had  
14 no difficulty in obtaining [from the Internet? elsewhere?] the information required to  
15 understand the CSS algorithms and keys and to understand how those algorithms and  
16 keys are used to encrypt and decrypt DVD movies.
- 17 5. [CSS/DeCSS description]
- 18 6. I use CSS in my Computer Security course as an example of how not to design an  
19 encryption system. CSS is an inherently weak encryption system that can easily be  
20 attacked.  
21

22 I, ROLAND PARVIAINEN, declare under penalty of perjury under the laws of the State  
23 of California that the foregoing is true and correct.  
24

25 Dated: \_\_\_\_\_

\_\_\_\_\_   
26 Roland Parviainen  
27  
28

**PARVIAINEN DECL. IN SUPPORT OF DEF. BUNNER'S MO. FOR SUM. JUDGMENT**