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2	JAMES F. RILL 007 17 1991
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10	UNITED STATES OF AMERICA
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12	UNITED STATES DISTRICT COURT
13	FOR THE NORTHERN DISTRICT OF CALIFORNIA
14	INITED STATES OF AMERICA C 91 3666
15	UNITED STATES OF AMERICA,
16	Plaintiff,
17	v.) Civil Action No. C 91 3666 N
18) Filed: October 17, 1991 BORLAND INTERNATIONAL, INC., and) COMPLAINT
19	ASHTON-TATE CORPORATION,)) 15 U.S.C. § 18
20	Defendants.) ANTITRUST
21) ANTIIKUSI
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23	COMPLAINT
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25	The United States of America, by its attorneys, acting
26	under the direction of the Attorney General of the United States,
	brings this civil action to obtain equitable and other relief
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1 against the defendants named herein and complains and alleges as 2 follows:

I. JURISDICTION AND VENUE

This complaint is filed and this action is instituted
under Section 15 of the Clayton Act, as amended, 15 U.S.C. § 25,
to prevent and restrain the violation by defendants, as
hereinafter alleged, of Section 7 of the Clayton Act, as amended,
U.S.C. § 18.

10 2. The defendants maintain offices, transact business11 and are found within the Northern District of California.

3. Venue is proper in the Northern District of
California under Section 12 of the Clayton Act, 15 U.S.C. § 22,
and 28 U.S.C. § 1391(c).

II. DEFENDANTS

Borland International, Inc. ("Borland") is made a 17 4. defendant herein. Borland is a corporation organized and 18 19 existing under the laws of the State of Delaware, with its 20 principal place of business in Scotts Valley, California. 21 Borland is engaged in the business of the design and marketing of 22 computer software. It designs and sells, among other things, 23 relational database management system software for personal 24 computers ("PCs") under the trade name "Paradox". For its fiscal 25 year ending March 31, 1991, Borland reported revenues of 26 \$226,755,000. Borland is engaged in interstate commerce and in 27 activities substantially affecting interstate commerce.

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Ashton-Tate Corporation ("Ashton-Tate") is made a 1 5. 2 defendant herein. Ashton-Tate is a corporation organized and existing under the laws of the State of Delaware, with its 3 principal place of business in Torrance, California. Ashton-Tate 4 is engaged in the business of the design and marketing of 5 6 computer software. It designs and sells, among other things, 7 relational database management system software for PCs and other computer hardware under the trade name "dBASE". In 1990, Ashton-8 9 Tate reported revenues of \$230,537,000. Ashton-Tate is engaged 10 in interstate commerce and in activities substantially affecting 11 interstate commerce.

III. DEFINITIONS

6. "HHI" means the Herfindahl-Hirschman Index, a measure 14 15 of market concentration calculated by squaring the market share 16 of each firm in the market and then summing the resulting 17 numbers. For example, for a market supplied by four firms with shares of 30, 30, 20, and 20 percent, the HHI is 2,600 $(30^2 + 30^2)$ 18 $+ 20^{2} + 20^{2} = 900 + 900 + 400 + 400 = 2,600$). The HHI takes into 19 account the relative sizes and distribution of firms in a market. 20 21 It approaches zero when a market is supplied by a large number of firms of relatively equal size and reaches its maximum of 10,000 22 when a market is supplied by a single firm. The HHI-increases 23 both as the number of firms in the market decreases and as the 24 25 disparities in size among these firms increase.

7. "RDBMS software" means relational database management
system software for PCs using the DOS operating system. RDBMS

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software is a type of software that provides a means for users of 11 2 PCs using the DOS operating system to create and manage multiple file or multitable relational databases, and to store, 3 manipulate, and retrieve data from multiple file and multitable 4 5 databases, as described more particularly in paragraph 9, below. RDBMS software includes, but is not limited to, the portions of 6 Borland's "Paradox" software line and Ashton-Tate's "dBASE" 7 8 software line that are designed for PCs using the DOS operating 9 system.

8. "Software" means a computer program or programs in the form of a stored set of instructions that determine the operation of a computer system and that makes the computer equipment, or hardware, operate as a system, and related products and services that are sold as a package. It includes the program or programs, documentation, written materials and associated services such as post-sale support services.

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IV. TRADE AND COMMERCE

9. RDBMS software enables users to create and manage multiple database files, and to store, manipulate, and retrieve data from those database files. For example, large and small businesses use the software to manage accounting systems and inventory control systems.

24 10. Customers of RDBMS software do not have significant
25 economic alternatives for managing multiple database files.
26 Customers who rely on RDBMS software would not switch to another
27 category of software or to software designed to operate on

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1 another hardware platform in sufficient numbers to defeat a small 2 but significant and nontransitory increase in the price of RDBMS 3 software.

4 11. The development and sale of RDBMS software
5 constitutes a relevant product market within the meaning of
6 Section 7 of the Clayton Act.

7 12. The firms that supply RDBMS software to customers in 8 the United States are all located in the United States. A small 9 but significant and nontransitory increase in the price of RDBMS 10 software by United States suppliers would not cause customers in 11 the United States to turn to firms outside of the United States.

12 13. The United States is the relevant geographic market13 for the sale of RDBMS software.

In the 1980s, Ashton-Tate was the early leader in 14 14. RDBMS software. It developed its dBASE RDBMS software using a 15 computer language also called dBASE. More recently, other firms 16 17 have developed RDBMS software using the dBASE language. These products are important competitive alternatives to Ashton-Tate's 18 dBASE and Borland's Paradox, which is based on a different 19 20 language. Ashton-Tate has asserted intellectual property rights 21 in the dBASE language, which claims to date are unresolved.

15. In 1990, total sales of RDBMS software in the United States were approximately \$200 million. Ashton-Tate and Borland were the two largest sellers of RDBMS software in the United States, together accounting for nearly 60 percent of dollar sales and over 60 percent of units shipped. Approximately twelve other

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firms, including those selling products based on the dBASE
 language, accounted for the remainder of sales.

3 16. The market for RDBMS software is concentrated.
4 Based on 1990 dollar sales, the HHI for RDBMS software in the
5 United States was 1726. The proposed acquisition would increase
6 the HHI by 1403 points to 3129 and the relevant market would
7 become significantly more concentrated.

8 17. Successful entry into the development and sale of 9 RDBMS software in the United States is difficult and 10 time-consuming due to the complexity of the software and the need 11 for state-of-the-art technology, as well as the reluctance of 12 customers to purchase RDBMS software from a company which lacks 13 the long-term financial viability and capability for continued 14 support and improvements to its software.

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V. VIOLATION ALLEGED

17 18. Pursuant to a merger agreement entered into by
18 Borland and Ashton-Tate on July 9, 1991, Borland acquired 100
19 percent of the common stock of Ashton-Tate in exchange for
20 Borland common stock at an approximate value of \$440 million.

21 19. The effect of the acquisition may be substantially22 to lessen competition in the market for the provision of RDBMS

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1	software in the United States in violation of Section 7 of the
2	Clayton Act in the following ways, among others:
3	(a) Actual and potential competition between
4	Borland and Ashton-Tate in the market for the provision
5	of RDBMS software will be eliminated; and
6	(b) Competition generally in the market for the
7	provision of RDBMS software may be substantially
8	lessened.
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1 PRAYER WHEREFORE, plaintiff prays: 2 3 That Borland's acquisition of Ashton-Tate be adjudged 1. 4 to be in violation of Section 7 of the Clayton Act. 5 That the United States have such other and further 2. 6 relief as the Court may deem just and proper. 7 3. That the United States recover the costs of this 8 action. 9 10 James F. Rill Sha Assistant Attorney General 11 12 13 Charles A. Jannes Brent E. Marsha Deputy Assistant Attorney General 14 15 W- Gau John W. Clark 16 Kenneth Deputy Director of Operations 17 18 Constance K. Robinson Jennifet L. 19 Chief Communications & Finance Attorneys 20 Section U.S. Department of Justice Antitrust Division 21 Judiciary Center Building 555 Fourth Street, N.W. 22 Richard L. Rosen Washington, D.C. 20001 Assistant Chief (202) 514-5796 ... 23 Communications & Finance Section 24 U.S. Department of Justice 25 Antitrust Division Washington, D.C. 20001 26 27 28

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