

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2004/0067953 A1****Stein et al.**(43) **Pub. Date:****Apr. 8, 2004**(54) **COMBINATION THERAPY FOR TREATING,
PREVENTING OR MANAGING
PROLIFERATIVE DISORDERS AND
CANCERS**(76) Inventors: **Bernd M. Stein**, San Diego, CA (US);
John K. Westwick, San Ramon, CA
(US); **Bruce W. Ennis**, Carlsbad, CA
(US)Correspondence Address:
JONES DAY
222 EAST 41ST STREET
NEW YORK, NY 10017 (US)(21) Appl. No.: **10/384,440**(22) Filed: **Mar. 7, 2003****Related U.S. Application Data**(60) Provisional application No. 60/362,705, filed on Mar.
8, 2002.**Publication Classification**(51) **Int. Cl.⁷ A61K 38/00; A61K 31/525**(52) **U.S. Cl. 514/251; 514/2; 514/283**(57) **ABSTRACT**

The present invention relates to methods and compositions designed for the treatment, management or prevention of cancer. The methods of the invention comprise the administration of an effective amount of one or more inhibitors of JNK in combination with the administration of an effective amount of one or more other agents useful for cancer therapy. The invention also provides pharmaceutical compositions comprising one or more inhibitors of JNK in combination with one or more other agents useful for cancer therapy. In particular, the invention is directed to methods of treatment and prevention of cancer by the administration of an effective amount of one or more inhibitors of JNK in combination with standard and experimental chemotherapies, hormonal therapies, bone marrow transplants, stem cell replacement therapies, biological therapies/immunotherapies and/or radiation therapies for treatment or prevention of cancer. Also included are methods of treatment of cancer by the administration of one or more inhibitors of JNK in combination with surgery, alone or in further combination with standard and experimental chemotherapies, hormonal therapies, bone marrow transplants, stem cell replacement therapies, biological therapies/immunotherapies and/or radiation therapies.

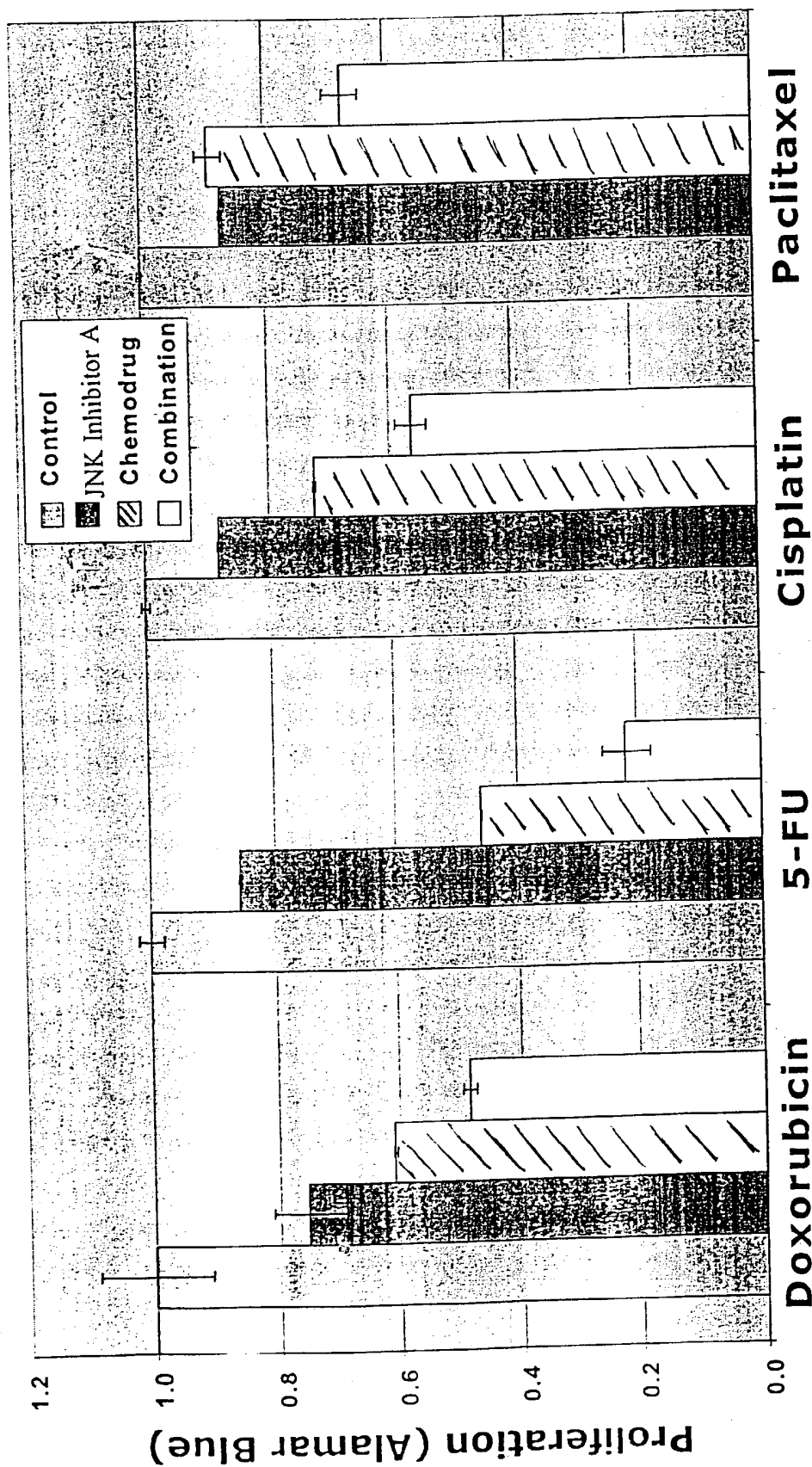


Fig. 1 A

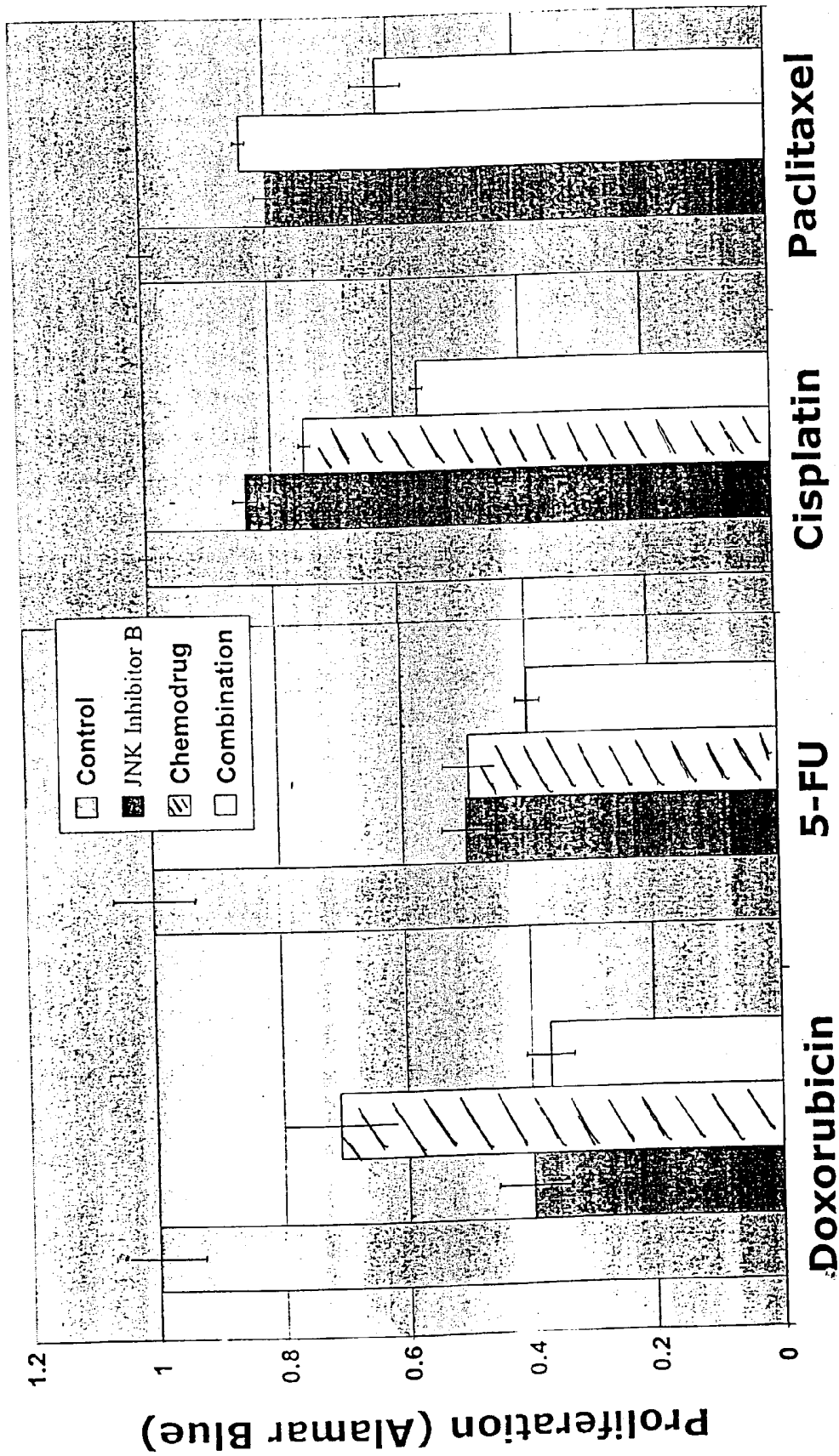


Fig. 1 B

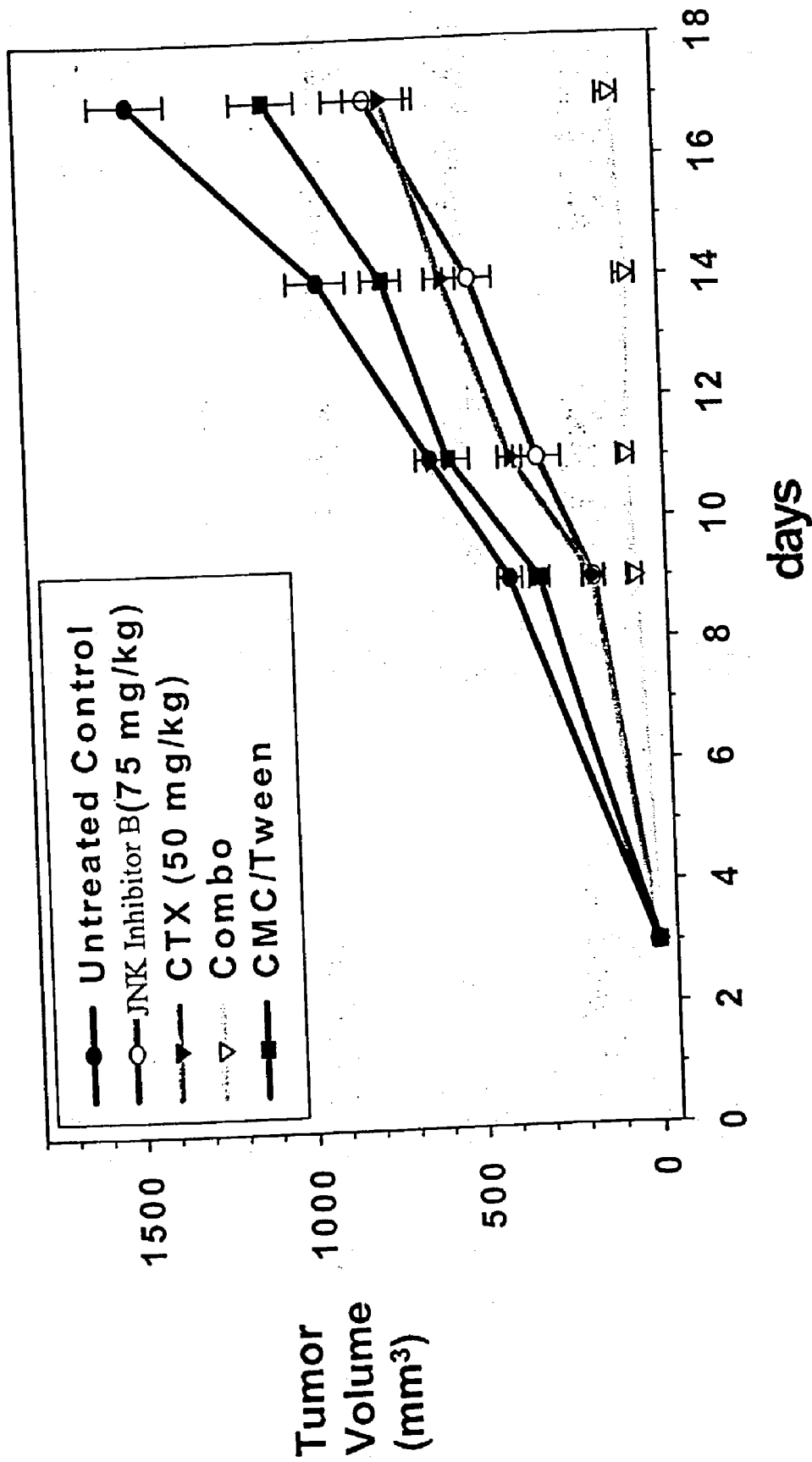


Fig. 2

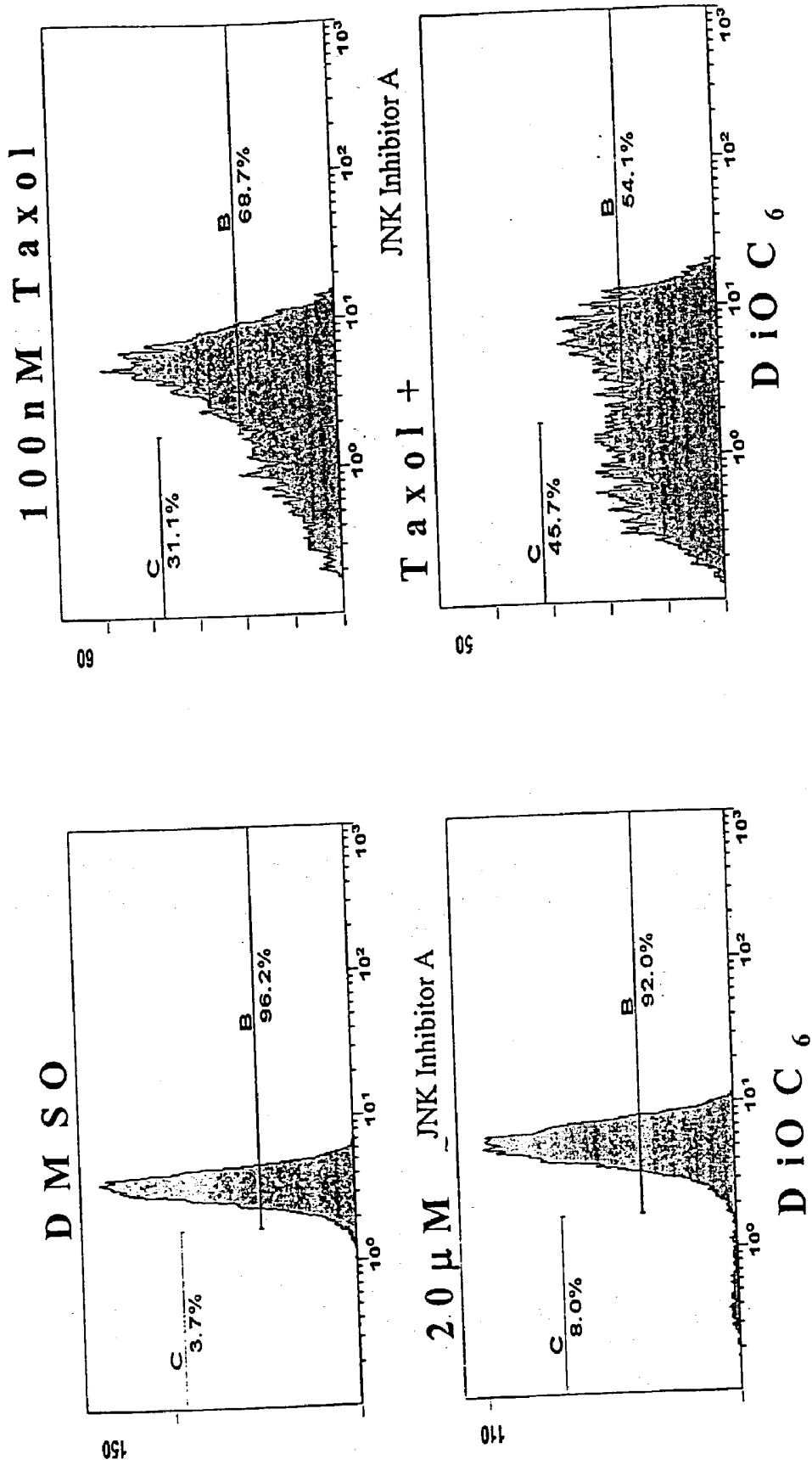


FIG. 3

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