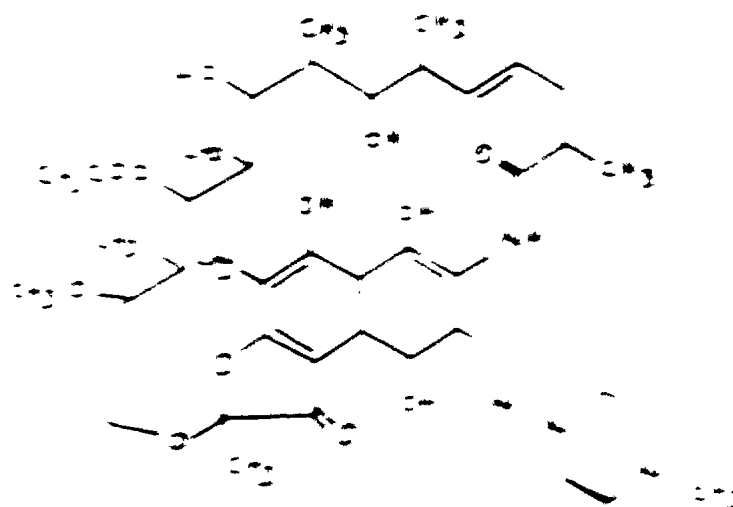


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SUBSTITUTE SHEET (RULE 26)

RESEARCH AND DEVELOPMENT

1. 1948-1954

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3. 1961-1966

4. 1967-1972

5. 1973-1978

6. 1979-1984

7. 1985-1990

8. 1991-1996

9. 1997-2002

10. 2003-2008

11. 2009-2014

12. 2015-2020

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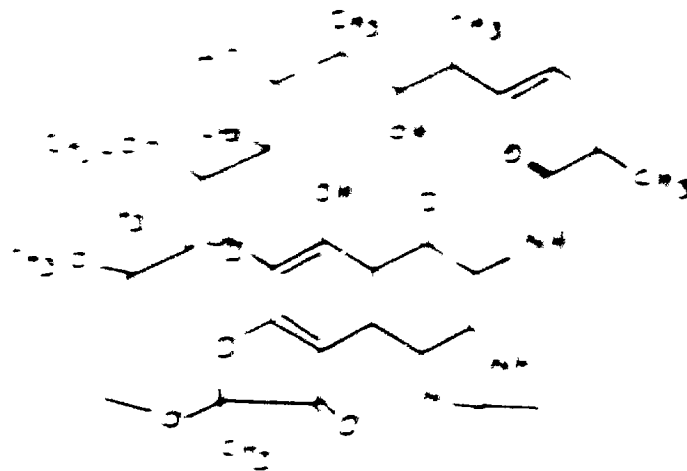
The other major principle established in the case is that the court is not to be bound by the findings of fact of the trial judge. The court is to be guided by the evidence and the law, and is to make its own findings of fact. The court is to be guided by the evidence and the law, and is to make its own findings of fact.

moderate to severe pain in the lower back and legs. The pain was worse when standing or walking and was relieved by sitting or lying down. The patient also reported numbness and tingling in the legs. The patient was treated with painkillers and physical therapy, but the pain did not improve. The patient was then referred to a neurologist, who performed a series of tests, including a lumbar puncture and an MRI scan. The results of the tests showed that the patient had a herniated disc in the lower back, which was causing the pain and numbness. The patient was then treated with surgery to remove the herniated disc, and the pain and numbness were relieved.

rev. 1. The insured and the insured's estate shall be entitled to the proceeds of the policy in the event of the death of the insured, whether or not the insured is a resident of the United States at the time of death, if the insured is a resident of the United States at the time of death, and if the insured is a resident of the United States at the time of death, and if the insured is a resident of the United States at the time of death.

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1. The first step in the reaction is the formation of a carbocation intermediate. This is achieved by the loss of a leaving group from the starting material.

2. The carbocation intermediate then undergoes a series of rearrangements to form a more stable carbocation. This is followed by the addition of a nucleophile to form the final product.

3. The final product is a branched hydrocarbon with a double bond and various substituents. The reaction is completed by the loss of a proton from the intermediate.

4. The overall reaction is a substitution reaction, where the leaving group is replaced by the nucleophile.

5. The reaction is carried out in a solvent that is able to stabilize the carbocation intermediate.

6. The reaction is completed by the loss of a proton from the intermediate.

7. The final product is a branched hydrocarbon with a double bond and various substituents.

8. The reaction is completed by the loss of a proton from the intermediate.

9. The final product is a branched hydrocarbon with a double bond and various substituents.

10. The reaction is completed by the loss of a proton from the intermediate.

1. The first part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

2. The second part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

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4. The fourth part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

5. The fifth part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

6. The sixth part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

7. The seventh part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

8. The eighth part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

9. The ninth part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

10. The tenth part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

1. Содержание
 2. Введение
 3. Глава I. Общие сведения о предмете исследования
 4. Глава II. Анализ литературы по теме исследования
 5. Глава III. Методология исследования
 6. Глава IV. Результаты исследования
 7. Глава V. Заключение
 8. Список литературы
 9. Приложение
 10. Сводная таблица
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1. The first of these is the fact that the United States has a large and growing population of people who are of Mexican descent. This population is concentrated in the southwestern United States, particularly in California, Arizona, and New Mexico. It is estimated that there are over 10 million people of Mexican descent in the United States, and this number is expected to increase significantly in the future.

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THE UNITED STATES OF AMERICA

1944

SUBSTITUTE SHEET 18 OF 26

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1. The first step in the process of the invention is to determine the

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3. The next step is to determine the amount of the substance to be used. This is done by weighing the substance and dividing it by the weight of the substance used in the previous step. The result is the amount of the substance to be used in the next step. This process is repeated until the desired amount of the substance is determined.

4. The next step is to determine the amount of the substance to be used. This is done by weighing the substance and dividing it by the weight of the substance used in the previous step. The result is the amount of the substance to be used in the next step. This process is repeated until the desired amount of the substance is determined.

5. The next step is to determine the amount of the substance to be used. This is done by weighing the substance and dividing it by the weight of the substance used in the previous step. The result is the amount of the substance to be used in the next step. This process is repeated until the desired amount of the substance is determined.

6. The next step is to determine the amount of the substance to be used. This is done by weighing the substance and dividing it by the weight of the substance used in the previous step. The result is the amount of the substance to be used in the next step. This process is repeated until the desired amount of the substance is determined.

7. The next step is to determine the amount of the substance to be used. This is done by weighing the substance and dividing it by the weight of the substance used in the previous step. The result is the amount of the substance to be used in the next step. This process is repeated until the desired amount of the substance is determined.

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

2. The second part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

3. The third part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

4. The fourth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

5. The fifth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

6. The sixth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

7. The seventh part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

8. The eighth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

9. The ninth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

10. The tenth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

THE UNITED STATES DEPARTMENT OF THE INTERIOR
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WASHINGTON, D. C. 20250

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The investigator must first identify the problem and then determine the scope of the study. The next step is to design the study. This involves determining the methods to be used and the data to be collected. The third step is to collect the data. This is done by the investigator who is responsible for the study. The fourth step is to analyze the data. This involves determining the results of the study and the conclusions to be drawn. The final step is to report the results. This is done by the investigator who is responsible for the study.

[illegible]

REPORT OF THE JOINT SELECT COMMITTEE ON THE COMMERCE OF THE DISTRICT OF COLUMBIA

[illegible][illegible]

1. THE FIRST PART OF THE REPORT IS A SUMMARY OF THE RESULTS OF THE RESEARCH. THE SECOND PART IS A DETAILED ACCOUNT OF THE EXPERIMENTAL WORK. THE THIRD PART IS A DISCUSSION OF THE RESULTS. THE FOURTH PART IS A CONCLUSION. THE FIFTH PART IS A BIBLIOGRAPHY. THE SIXTH PART IS A LIST OF REFERENCES. THE SEVENTH PART IS A LIST OF FIGURES. THE EIGHTH PART IS A LIST OF TABLES. THE NINTH PART IS A LIST OF APPENDICES. THE TENTH PART IS A LIST OF REFERENCES.

The minimum effective dose of the drug was determined by testing mice in a dose response study. The minimum effective dose was found to be 10 mg/kg. The minimum effective dose of the drug was determined by testing mice in a dose response study. The minimum effective dose was found to be 10 mg/kg. The minimum effective dose of the drug was determined by testing mice in a dose response study. The minimum effective dose was found to be 10 mg/kg.

Results are shown in Figures 7A and 7B. Treatment with combination of 5 mg/kg rifabutin plus 5 mg/kg clarithromycin resulted in protection of mice against death. One hundred mg/kg rifabutin plus 5 mg/kg clarithromycin protected at least 60% of the mice against death (Figure 7A). Statistical analysis of the data, however, did not reveal a significant difference between the group of mice treated with rifabutin alone and the group treated with the combination. In contrast, when the dose of rifabutin was reduced to 5 mg/kg and a combination with a dose of 5 mg/kg daily clarithromycin or rifampin, no mice died and 30% of the mice survived the infection (Figure 7B). The difference between the groups of mice treated with rifabutin alone and those treated with the combination was statistically significant ($P = 0.1$).

Since it was known that active both against *T. gondii* [4, 5] and Proteus mirabilis [6, 7] and that it was active against mycobacteria being used for treatment and prophylaxis of the Mycobacterium avium complex [8], the result presented here was determined the effectiveness of the combination of rifabutin at various doses with *T. gondii* and *Proteus mirabilis* in combination for treatment and prophylaxis of patients with AIDS and AIDS-related opportunistic infections.

10 EXAMPLE 3 Effect of chlorpromazine on the mortality of mice infected with
Trypanosoma brucei in a murine model of acute trypanosomiasis Experiment
was carried out in the manner described for Examples 1 and 2 but with the addition of
chlorpromazine to the treatment groups as indicated in Figure 4. Results are shown in
Figure 4. One hundred percent of the mice treated with chlorpromazine survived at 40 days
whereas 20% of the mice treated with chlorpromazine alone survived at 40 days.

20 EXAMPLE 4 Effect of chlorpromazine on the mortality of mice infected with
Trypanosoma brucei in a murine model of acute trypanosomiasis Experiment
was carried out in the manner described for Examples 1 and 2 but with the addition of
chlorpromazine to the treatment groups as indicated in Figure 4. Results are shown in
Figure 4. One hundred percent of the mice treated with chlorpromazine survived at 40 days
whereas 20% of the mice treated with chlorpromazine alone survived at 40 days.

30 EXAMPLE 5 Effect of chlorpromazine on the mortality of mice infected with
Trypanosoma brucei in a murine model of acute trypanosomiasis Experiment
was carried out in the manner described for Examples 1 and 2 but with the addition of
chlorpromazine to the treatment groups as indicated in Figure 4. Results are shown in
Figure 4. One hundred percent of the mice treated with chlorpromazine survived at 40 days
whereas 20% of the mice treated with chlorpromazine alone survived at 40 days.

1. The first group of students, consisting of 10 students, was assigned to the first group. The second group, consisting of 10 students, was assigned to the second group. The third group, consisting of 10 students, was assigned to the third group. The fourth group, consisting of 10 students, was assigned to the fourth group. The fifth group, consisting of 10 students, was assigned to the fifth group. The sixth group, consisting of 10 students, was assigned to the sixth group. The seventh group, consisting of 10 students, was assigned to the seventh group. The eighth group, consisting of 10 students, was assigned to the eighth group. The ninth group, consisting of 10 students, was assigned to the ninth group. The tenth group, consisting of 10 students, was assigned to the tenth group.

of tumor response in each of the treated mice when compared with the untreated mice.

For the first 30 days after the treatment the mice were not in contact with untreated mice.

1000 in the central nervous system. Since the number of *T. gondii* in the brain
treated mice were not significantly reduced at the end of the therapy, these results may be
due to previously uncontrolled and inflammatory activity of the parasite. In addition,
the mice were again free parasites and showed rapid re-infection with the parasite.
The drug may not be able to act against the parasite, re-infection may have been predicted with
this result. However, the present invention is not limited by a particular mechanism
of action.

EXAMPLE 2: Anticancer treatment of melanoma with the anti-CD47 antibody 3A12
 In a murine model of melanoma, in which Treatment 3A12 was tested

1. The first part of the document is a letter from the President of the United States to the Secretary of the Navy, dated 18th March 1899. The letter is addressed to the Secretary of the Navy, and is signed by the President. The letter is a copy of a letter that was sent to the Secretary of the Navy by the President, and it is a copy of a letter that was sent to the Secretary of the Navy by the President.

majority of mice (44) were infected prior to the ME44 challenge. The ME44 challenge was more virulent than C56 cells and all mice are moribund. The only immunocompromised host (indicated with a slash in the P.S. Since the day of the challenge) is 50 mg/kg. The indication with 10 mg/kg is that the

The claims defining the invention are as follows:-

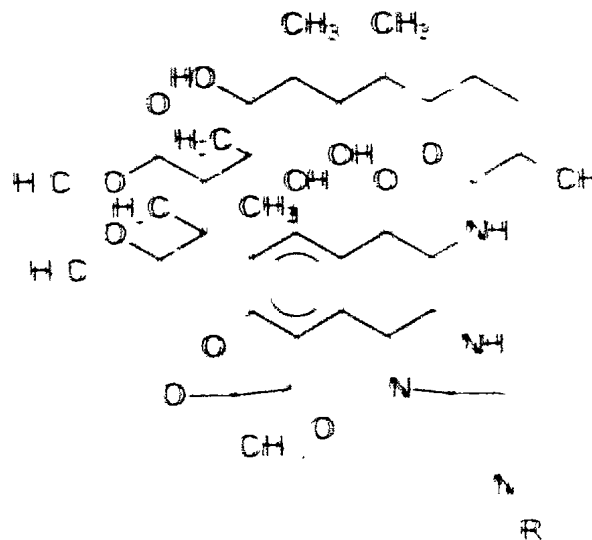
1 A method of reducing the severity of toxoplasmosis resulting from infection of a mammalian host with *Toxoplasma gondii* which comprises

administering to a host in need of said treatment either after infection or before exposure to said infection a therapeutically effective amount of a compound that is a spiroperidyl derivative of thienopyrimidine S, wherein said derivative comprises an imidazole ring that includes carbon atoms at positions 3 and 4 of the thienopyrimidine, the carbon at position 2 of said imidazole ring also being a ring carbon at position 4 of a pyridine ring system thereby forming a spiroperidyl ring system, said spiroperidyl ring system optionally comprising a lower hydrocarbon substituent on the nitrogen of said pyridine

2 A method of reducing the severity of a parasitic encephalitis resulting from infection of a mammalian host with *Toxoplasma gondii* which comprises

administering to a host in need of said treatment either after infection or before exposure to said infection a therapeutically effective amount of a compound that is a spiroperidyl derivative of thienopyrimidine S, wherein said derivative comprises an imidazole ring that includes carbon atoms at positions 3 and 4 of the thienopyrimidine, the carbon at position 2 of said imidazole ring also being a ring carbon at position 4 of a pyridine ring system thereby forming a spiroperidyl ring system, said spiroperidyl ring system optionally comprising a lower hydrocarbon substituent on the nitrogen of said pyridine

3 The method of claim 1 or claim 2, wherein said compound has a structure



wherein R represents a 3-5 carbon alkyl group

4 The method of claim 1 wherein said compound is a thienopyrimidine

5 The method of any one of claims 1 to 4 wherein said compound is administered in combination with a sulfonamide drug

6 The method of any one of claims 1 to 4 wherein said compound is administered in combination with a feline antiparasitic



7 The method of any one of claims 1-6 wherein said compound is administered in combination with a local anesthetic drug

8 The method of any one of claims 1-6 wherein said compound is administered in combination with a hydroxyphenyl quinone drug

9 The method of any one of claims 1-6 wherein said compound is administered in combination with a macrolide drug

10 The method of any one of claims 1-6 wherein said compound is administered in combination with an amide drug

11 A pharmaceutical composition for the treatment of a patient resulting from infection of a mammalian host with *T. gondii* which comprises

12 a therapeutically effective amount of a compound that is a spirocyclic derivative of rifamycin S wherein said derivative comprises an imidazole ring that includes carbons at positions 3 and 4 of the rifamycin ring the carbon at position 2 of said imidazole ring also being a ring carbon at position 4 of a piperidine ring system thereby forming a spirocyclic ring system said spirocyclic ring system comprising a lower hydrocarbon substituent on the nitrogen of said piperidine and

13 a therapeutically effective amount of a compound selected from the group consisting of a sulfonamide drug a folic acid antagonist a macrolide drug a hydroxyphenyl quinone drug a macrolide drug and an amide drug

14 12 A method for reducing the severity of a patient's viral plaque encephalitis resulting from the infection of a mammalian host with *T. gondii* which comprises administering to a host in need of such treatment a therapeutically effective amount of a compound substantially as hereinafter described with reference to any one of the Examples

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Dated 22 March, 1996
Palo Alto Medical Foundation

Patent Attorneys for the Applicant Nominated Person
SPRUSON & FERGUSON



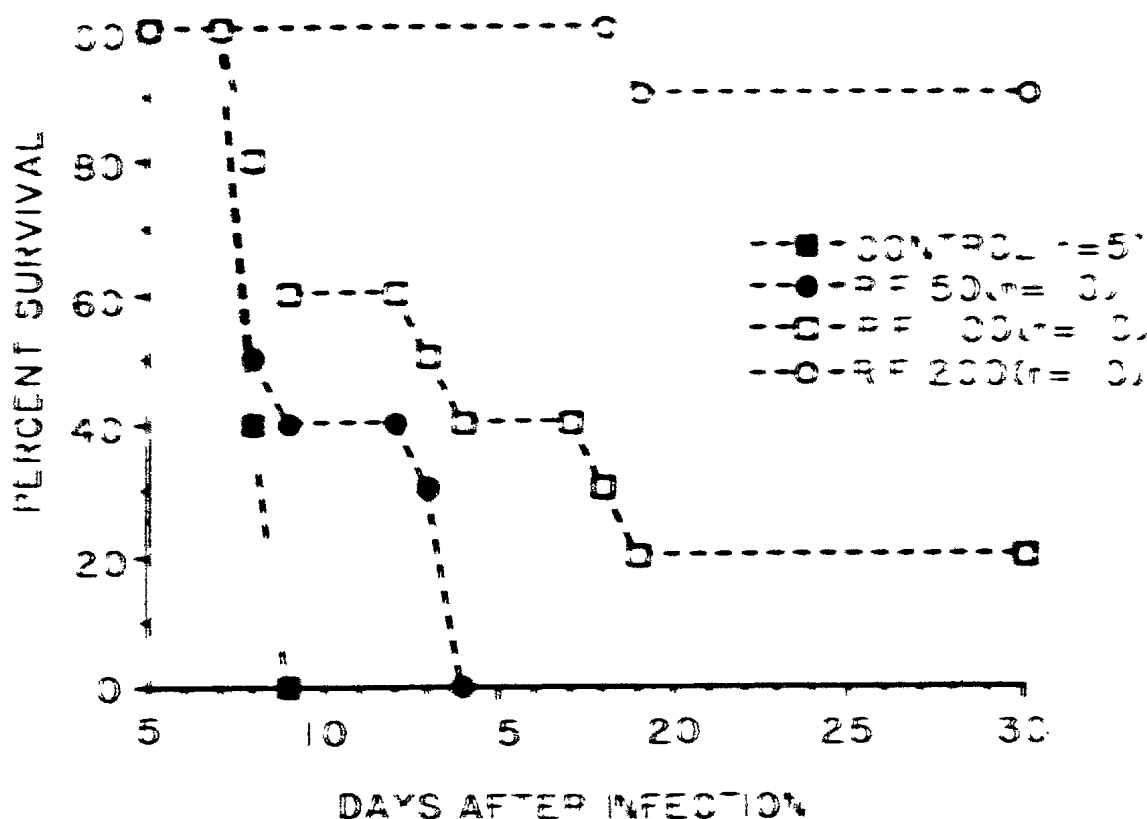


FIG. 1A

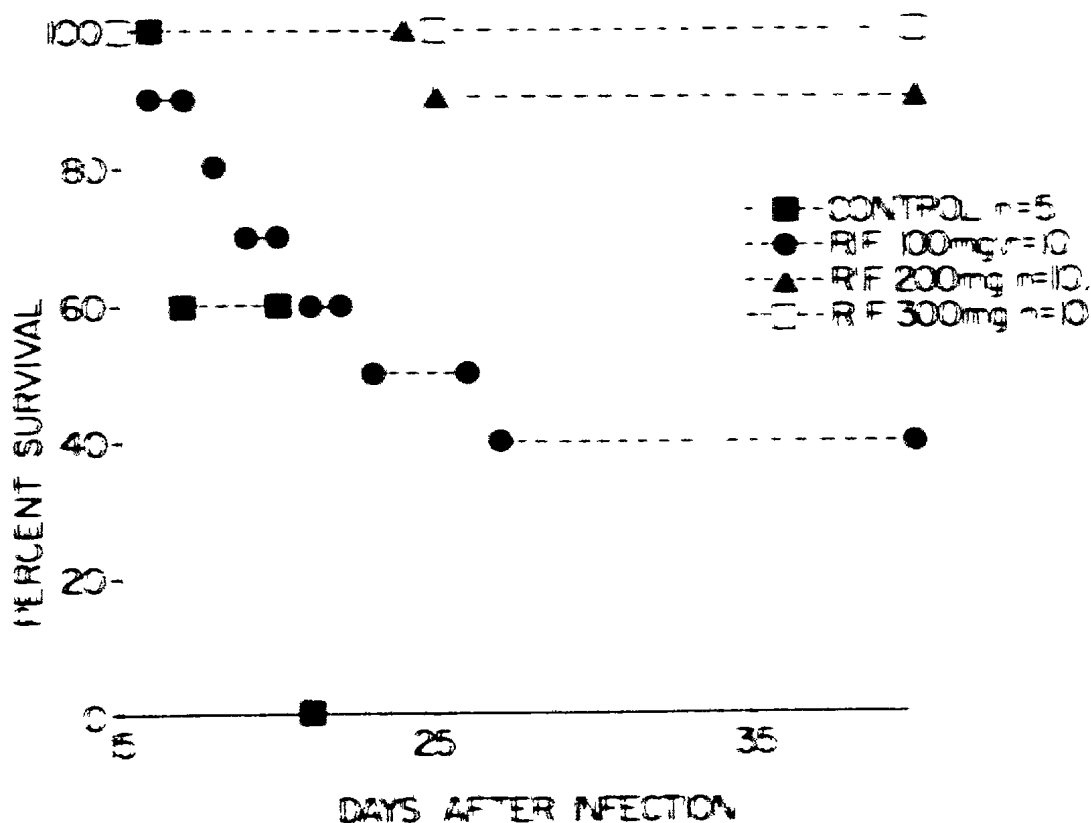


FIG. 1B

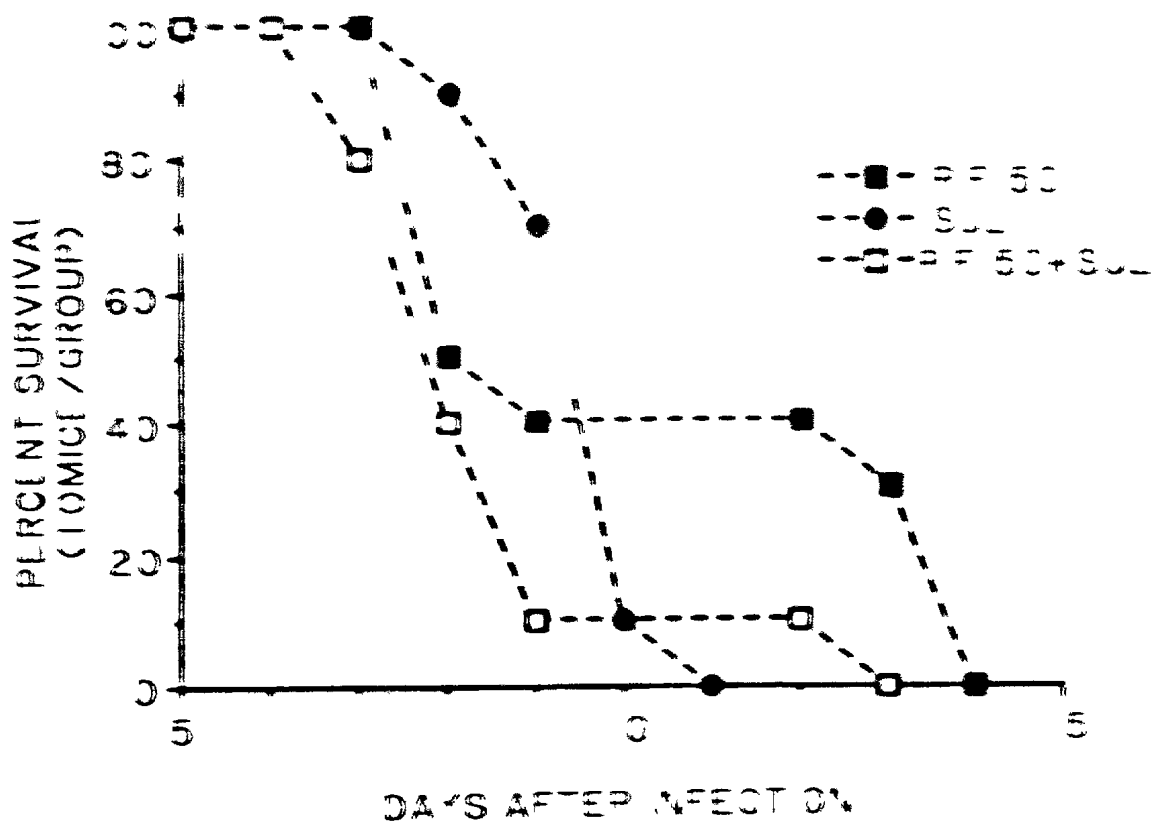


FIG. 2

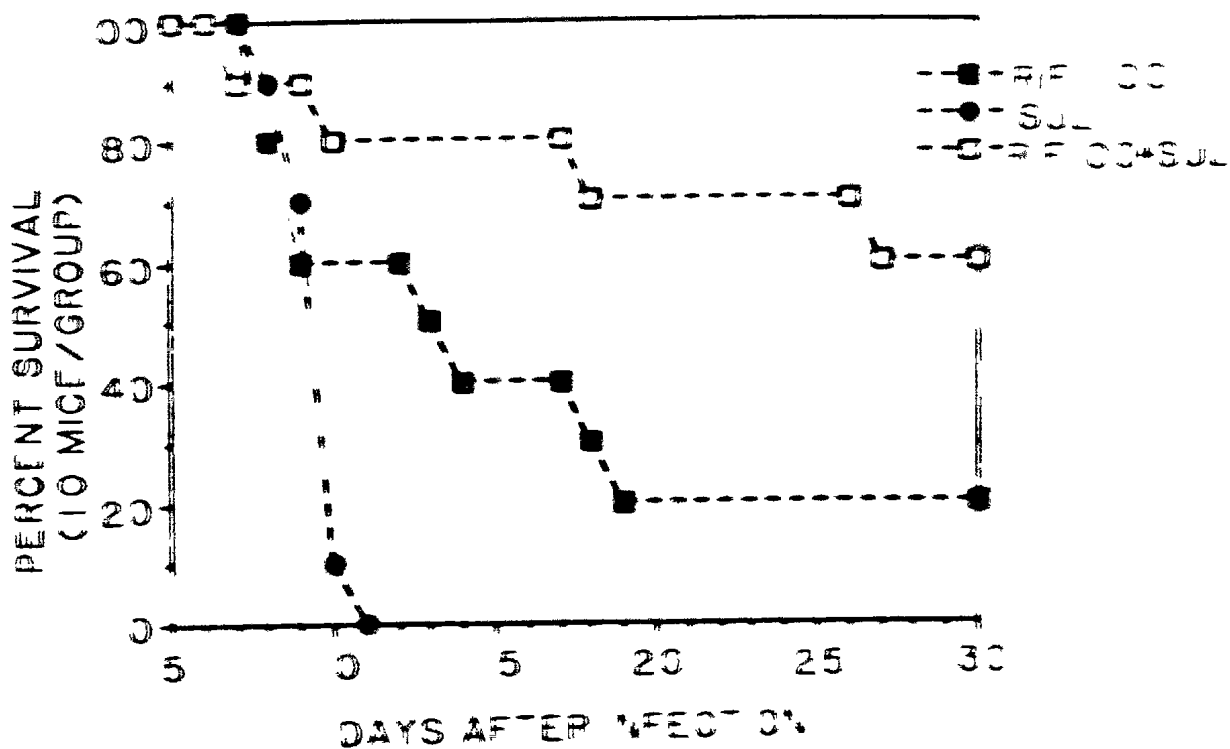


FIG. 3

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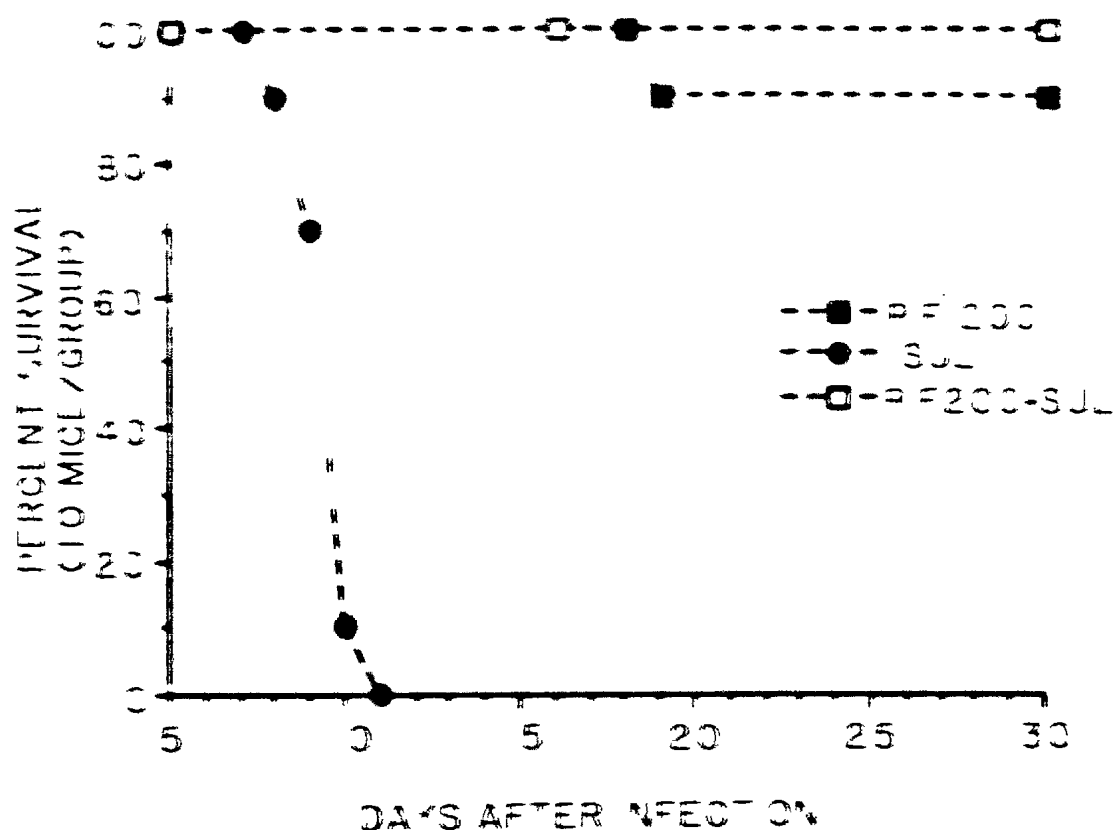


FIG. 4

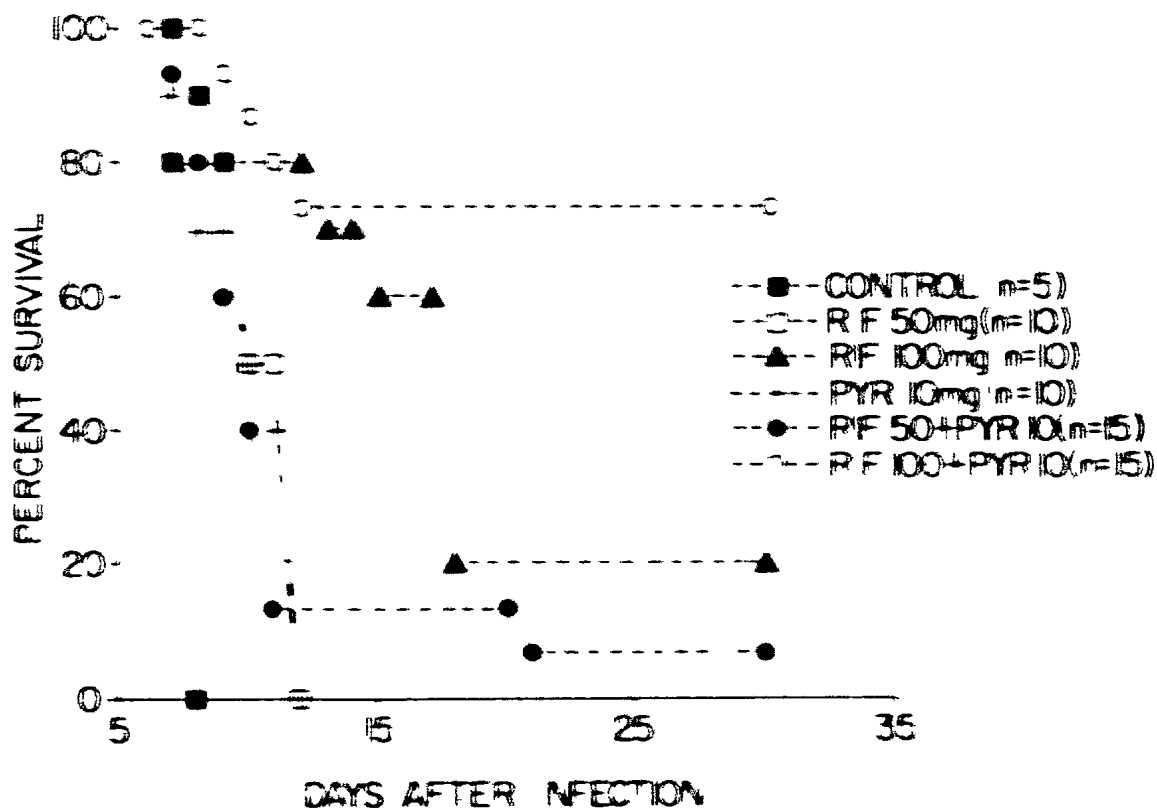


FIG. 5
SUBSTITUTE SHEET (RULE 26)

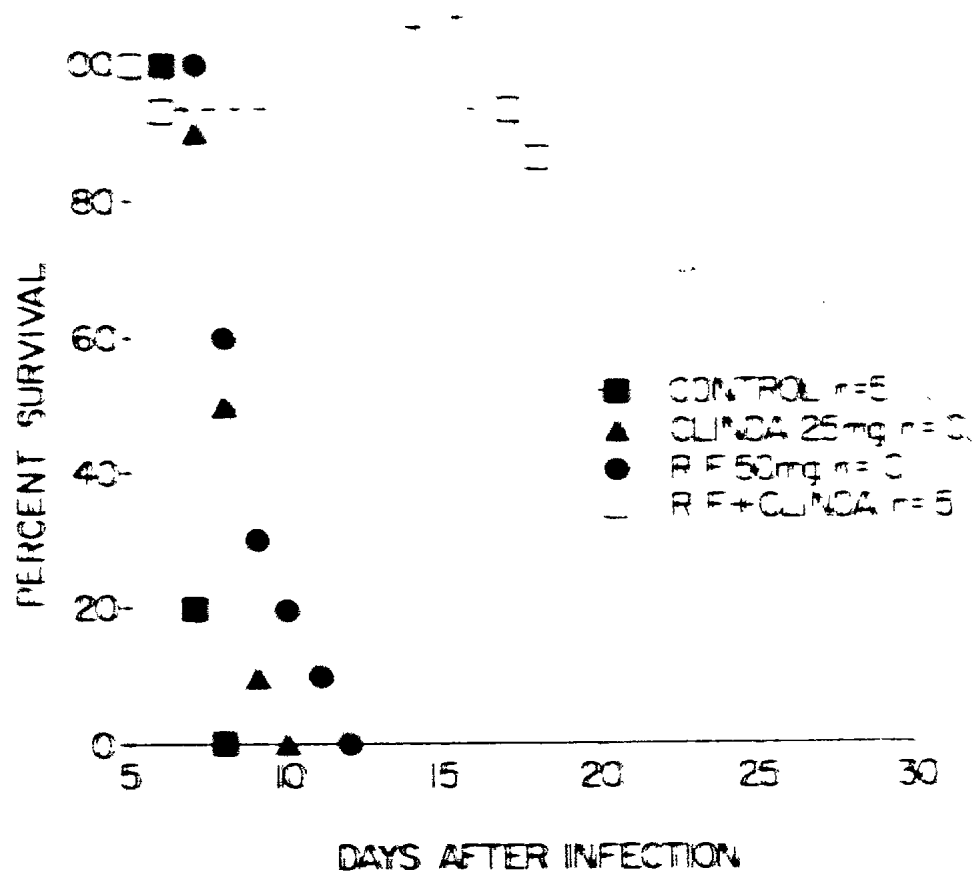


FIG. 6

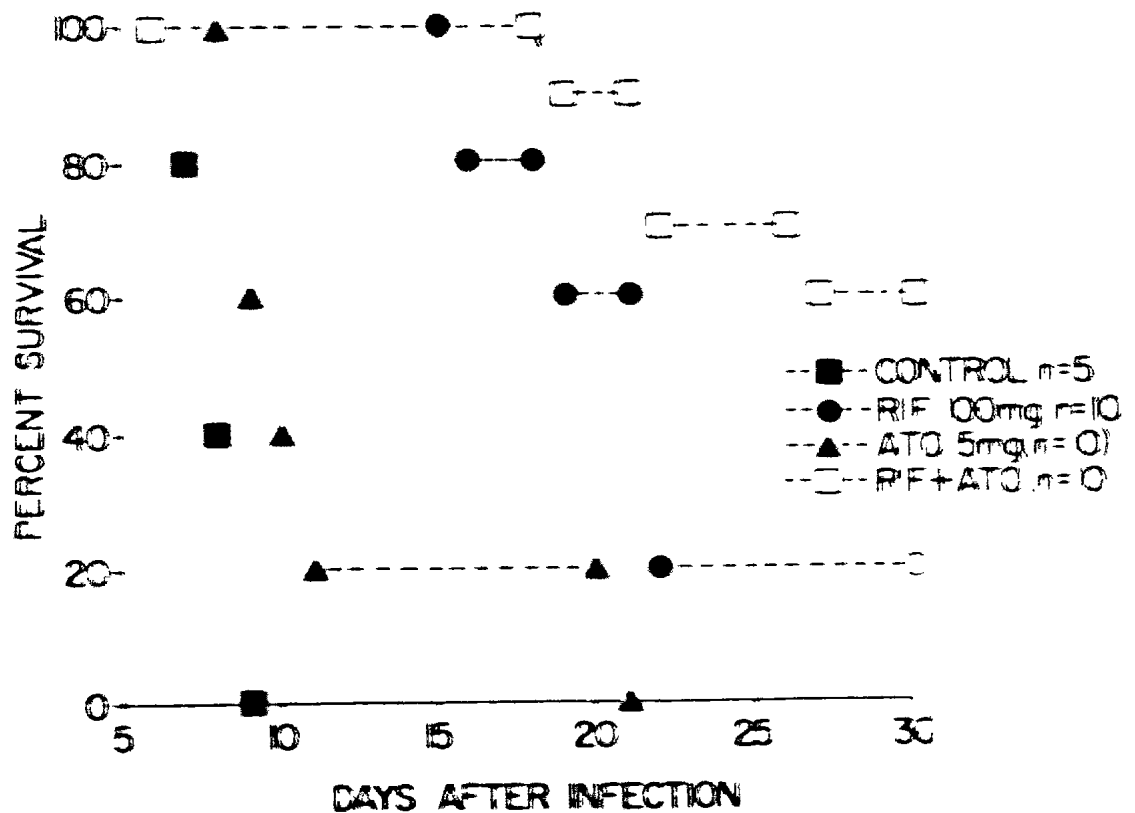


FIG. 7A

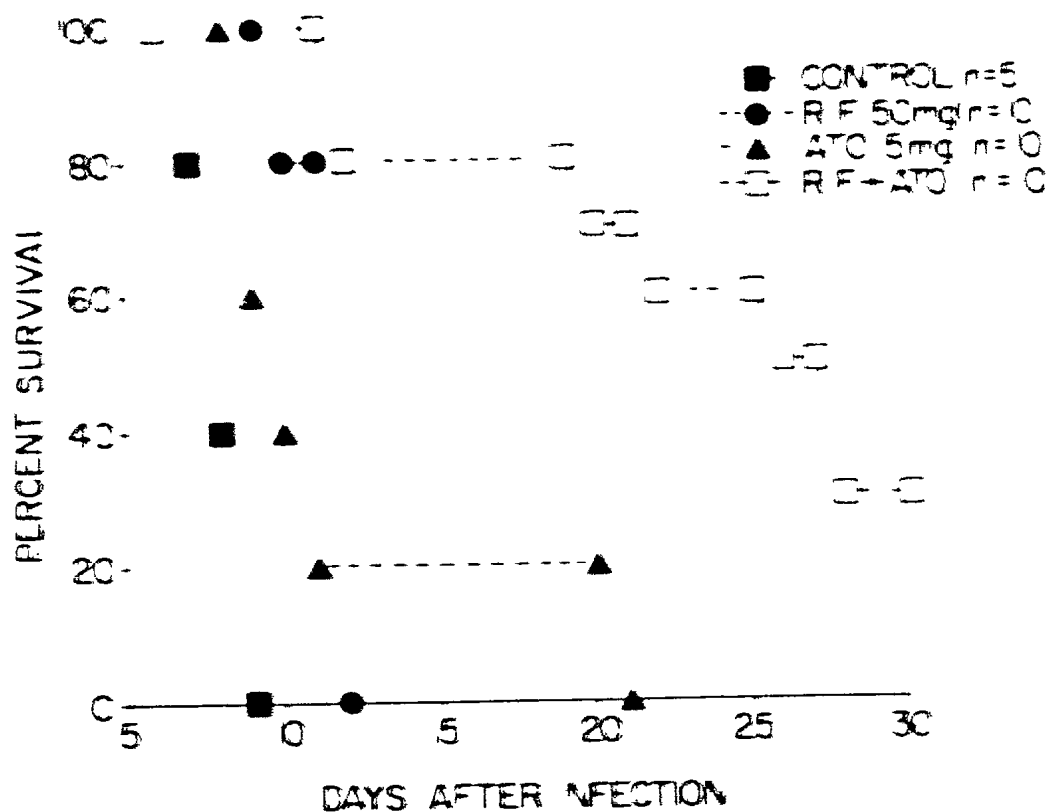


FIG. 7B

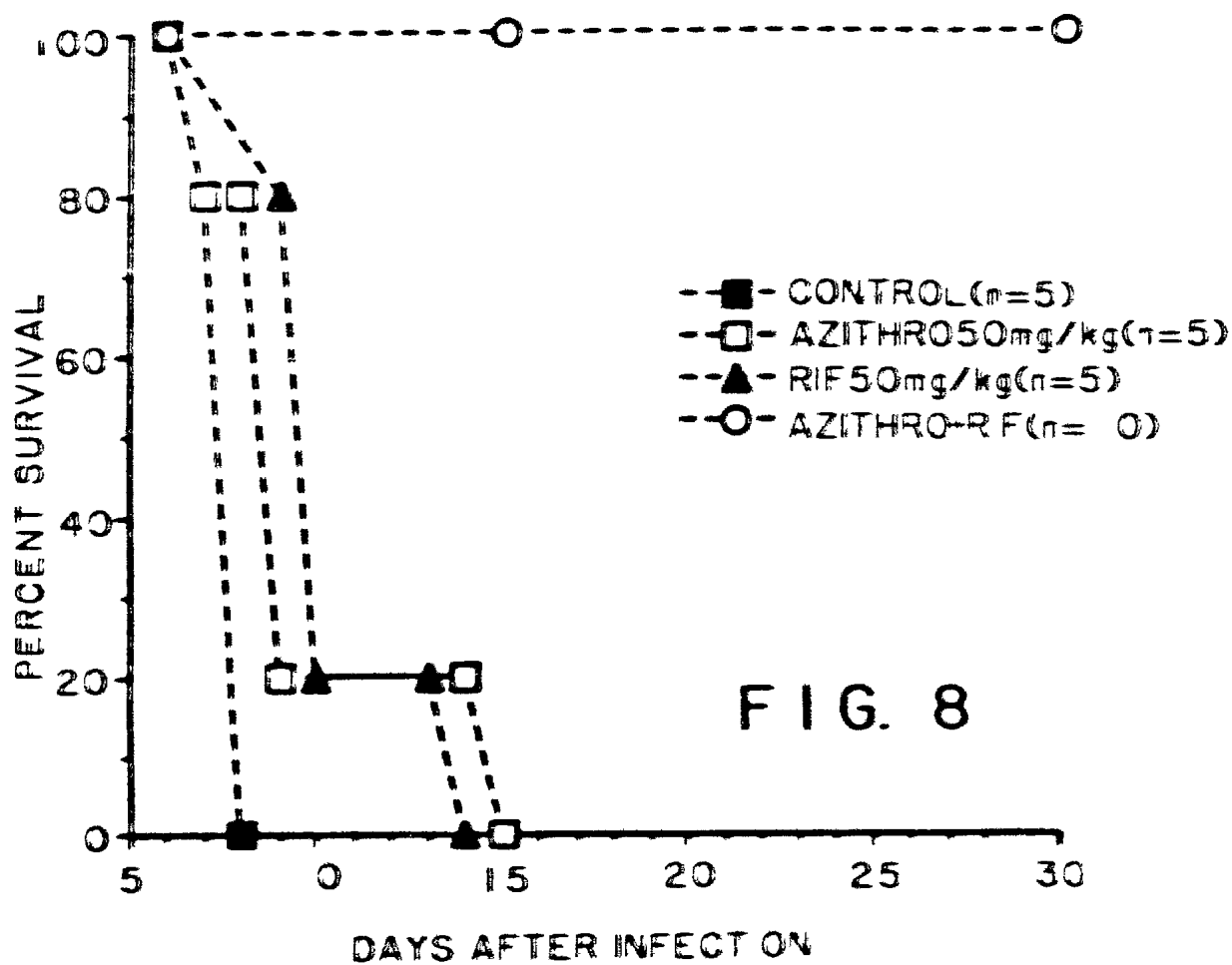


FIG. 8

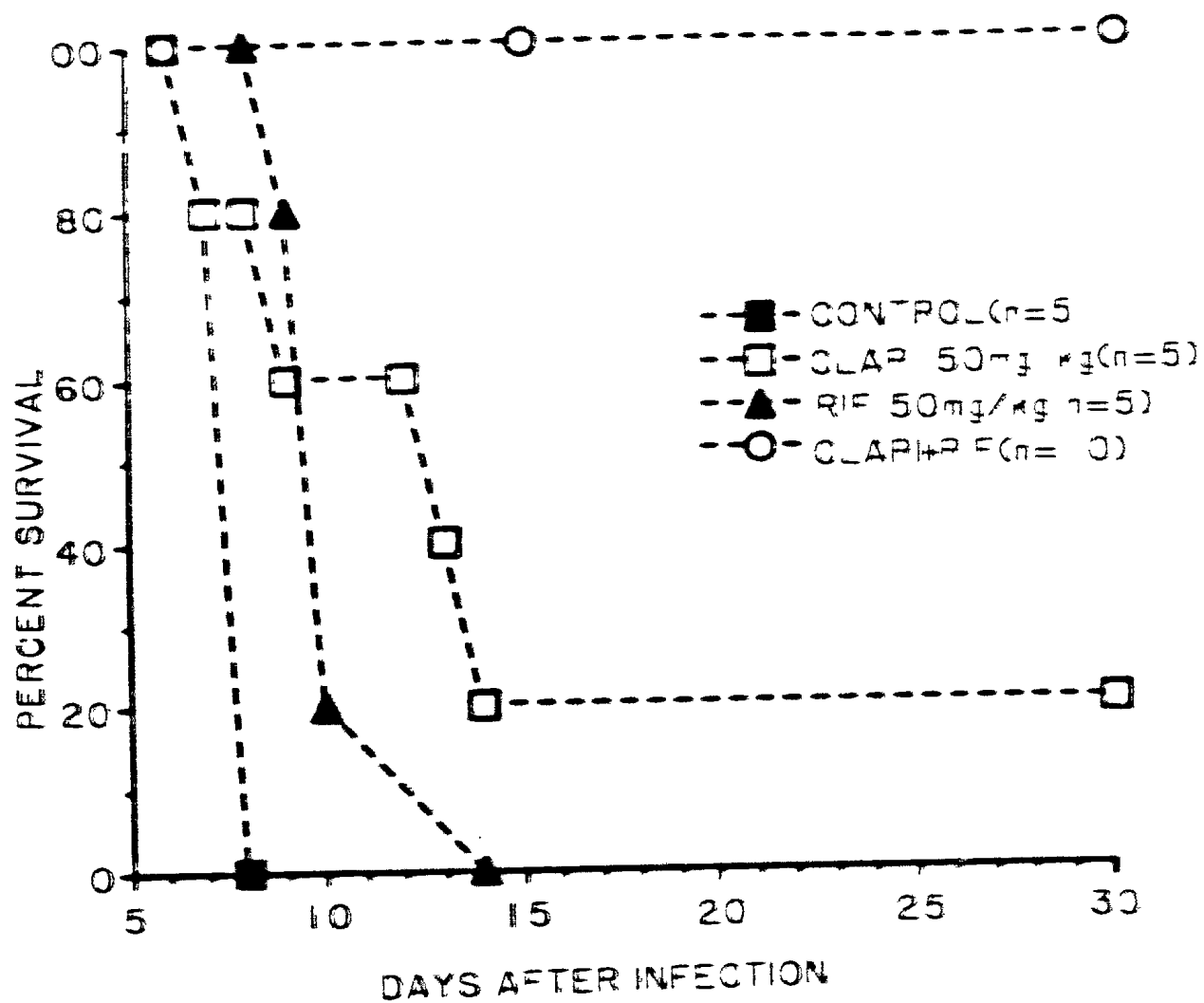


FIG. 9

INTERNATIONAL SEARCH REPORT

PCT 33 74 14753

IPC 5 A61K31:71

No. filing & international patent application date and no. of the international patent application

PCT 33 74 14753

Minimum documentation required (minimum number of pages) (minimum number of words)

PCT 33 74 14753

Documentation required (other than minimum documentation) in the extent that such documents are included in the file

Minimum data base required during the international search phase (data base and, where practical, year of entry date)

CLASSIFICATION NO. PCT 33 74 14753

Summary (column 1) document, with indication, where appropriate, of the relevant passages

Relevant to claim 1

P.1. ANTIMICROBIAL AGENTS AND CHEMOTHERAPY
vol. 38, no. 3, March 1994
pages 570 - 575
FAUSTO G. ARAUJO ET AL. Rifabutin is
active in murine models of toxoplasmosis
see the whole document

1-11

X U.S.A. 4 219 478 LEONARDO MARSILI ET AL.)
26 August 1980
cited in the application
see column 2, line 14 - line 65

11

☒ Further documents are listed in the continuation of this☒ Patent and/or invention are listed in annex

Special categories of cited documents

- A. Document defining the general state of the art which is not considered to be of particular relevance
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- C. Document which may derive directly or indirectly from an invention which is stated to exist in the publication date of another document or other special reason as specified
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- E. Document published prior to the international filing date but after the priority date claimed

Document published after the international filing date in priority date and not in relation with the application but cited to understand the principle of the invention

X Document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y Document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is considered with one or more other such documents, such combination being new as a person skilled in the art

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Date of the actual completion of the international search

Date of making of the international search report

6 September 1994

23.09.94

Name and mailing address of the ISA

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Tzschoppe J

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Revised 10-2-54