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93M1/0618

EDWIN H FAYLOR BLANELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BLVD SEVENTH FLOOR LOS ANGELES CA 90025

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

SERIES	CODE/SERIAL NO.	FILING DATE	OTAL CLAIMS	EXÂMI	NER AND GROUP A	RT UNIT	*	DATE MAILED
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THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

- I. Review the SMALL ENTITY Status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
 - A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the patent and Trademark Office of the change in status, or
 - B. If the Status is the same, pay the FEE DUE shown above.
- If the SMALL ENTITY is shown as NO:
- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, pay of 1/2 the FEE DUE shown above.
- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.
- III. All communications regarding this application must give series code (or filing date), serial number and batch number. Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



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0205**5.** P0020 MARGOLFINIT NAMED APPLICANT ATTORNEY DOCKET NO. SERIAL NUMBER NGUYEN, T B3M1/0618 **EXAMINER** EDWIN H TAYLOR BLAKELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BLVD SEVENTH FLOOR ANT UNIT PAPER NUMBER LOS ANGELES CA 90025 DATE MAILED: **NOTICE OF ALLOWABILITY** PART I amend ma This communication is responsive to 2. All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due now renumbered 31-39 3. The allowed claims are 4. The drawings filed on ____ are acceptable. 5. Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has [_] been received. [_] not been received. [_] been filed in parent application Serial No._ 6 Note the attached Examiner's Amendment. 7. \square Note the attached Examiner Interview Summary Record, PTOL-413. 8. Note the attached Examiner's Statement of Reasons'for Allowance. 9. Note the attached NOTICE OF REFERENCES CITED, PTO-892. 10. Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449. PART II. A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFiR 1.136(a). 1.
Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discides that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED. 2. APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

a. Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No.

c.

Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS

Attachments:

_ Examiner's Amendment

OF THIS PAPER.

REQUIRED.

REQUIRED.

Examiner Interview Summary Record, PTOL-413
 ★ Reasons for Allowance

... CORRECTION IS REQUIRED.

b.

The proposed drawing correction filed on ___

d. Formal drawings are now REQUIRED.

- Notice of Informal Application, PTO-152
 - _ Notice re Patent Drawings, PTO-948
 - Listing of Bonded Draftsmen

__ has been approved by the examiner. CORRECTION IS

NOTICE OF ALLOWABILITY

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Serial No.: 08/513,298 2
Art Unit: 2304

I.

II. This communication is an Examiner's reasons for allowance in response to application filed on August 09, 1995, assigned serial 08/513,298 and titled "PILOT AIDED USING SYNTHETIC REALITY".

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

- III. The following is an Examiner's statement of reasons for the indication of allowable subject matter:
- 1. After carefully reviewing the application in light of the prior art of record, the amended claims and additional search of all the possible areas relevant to the present application a set of related prior art have been found, but those prior art references are not deemed strong to make the application unpatentable. Thus, it is found that the application is now in condition for allowance.
- 2. Although the prior art disclose several claimed limitations, none of the references teach a pilot aid which uses an aircraft's position and attitude to transform data from a digital data base to present a pilot with a synthesized three dimensional projected view of the world which includes a digital data base comprising terrain data representing real terrestrial terrain as at least one polygon and said terrain data generated from elevation data of the real terrestrial terrain (claims 1, 7, 13 and 36).

3

3. The closest references have been found were Beckwith et al., Behensky et al., Ulrich, Jacobs et al., Raymer et al., Patrick. However, taken individually or in combination, they do not teach or make obvious a polygon database representing real terrestrial terrain where that polygon database was generated from elevation data of real terrestrial terrain.

- 4. Claims 1-28 and 31-39 are allowable over the prior art of record (now renumbered as 1-37).
- IV. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Tan Nguyen, whose telephone number is (703) 305-9755. The examiner can normally be reached on Monday-Thursday from 7:30 AM-6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin J. Teska, can be reached on (703) 305-9704. The fax phone number for this Group is (703) 305-9564.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3800.

TAN NGUYEN

June 17, 1996



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