

THE STATE BOARD OF HEALTH OF MISSOURI
STANDARD CERTIFICATE OF DEATH
1003

FILED JAN 25 1945
318

Registration District No. Primary Registration District No.

1. PLACE OF DEATH:
(a) County St. Louis
(b) City or town (If outside city or town limits, write "RURAL" and name of township)
(c) Name of hospital or institution: Jewish Hospital
(If not in hospital or institution, write street number or location)
(d) Length of stay: In hospital or institution. 0 (Specify whether)

In this community years, months or days
3. (a) PRINT FULL NAME NANCY Nannie Cantino
3. (b) If veteran, name war Nil
3. (c) Social Security No. 493-20-8499

4. Sex Female / 5. Color or race White
6. (a) Single, widowed, married, divorced Married
6. (b) Name of husband or wife Eugene Cantino
6. (c) Age of husband or wife if alive 61 years
7. Birth date of deceased December 31 1892
(Month) (Day) (Year)

8. AGE: Years Months Days If less than one day
52 0 11 hr. min.

9. Birthplace Mt. Vernon Illinois /
(City, town, or county) (State or foreign country)
10. Usual occupation Munitions Worker
11. Industry or business Small Arms Plant
12. Name John Parker
13. Birthplace Unknown Tennessee /
(City, town, or county) (State or foreign country)
14. Maiden name Clara Briesacher
15. Birthplace Belleville Illinois /
(City, town, or county) (State or foreign country)
16. Informant Eugene Cantino
17. Address 4808a Delmar Blvd.
(a) Burial (b) Date thereof 1-16-45
(Burial, cremation, or removal) (Month) (Day) (Year)
18. (a) Signature of funeral director Albert H. Hoppe
(b) Address 4700 Washington Blvd.
19. (a) JAN 15 1945 J. J. Bredock
(Date received local registrar) (Registrar's signature)

2. USUAL RESIDENCE OF DECEASED:
(a) State Missouri (b) County
(c) City or town St. Louis
(If outside city or town limits, write "RURAL")
(d) Street No. 4808a Delmar Blvd.
(If rural, give location)
(e) Citizen of foreign country? 0 (Yes or No)
If yes, name country

MEDICAL CERTIFICATION
20. DATE OF DEATH: Month Jan. day 12
year 1945 hour 5:15 minute P. M.
21. I hereby certify that I attended the deceased from Oct 4. 44
19. to 1. 12 19. 45
that I last saw her alive on 1. 12 19. 45
and that death occurred on the date and hour stated above.

Immediate cause of death: Generalized Carcinoma of Abdominal Cavity - Original Site - Note Known
Due to
Due to
Other conditions: (Include pregnancy within 3 months of death)
55

PHYSICIAN
Major findings: Carcinoma of Liver + Abd. Cavity
Of autopsy
Underline the cause to which death should be charged statistically.

22. If death was due to external causes, fill in the following:
(a) Accident, suicide, or homicide (specify)
(b) Date of occurrence
(c) Where did injury occur? (City or town) (County) (State)
(d) Did injury occur in or about home, on farm, in industrial place, in public place?
While at work? (Specify type of place) (e) Means of injury
23. Signature Dr. P. Stuhl (M. D. or other)
Address 462 N. Taylor Date signed 1/13/45

WRITE PLAINLY—USE UNFADING BLACK INK—MAKE A PERMANENT RECORD

Can't find info for father's name
H. C. Stuhl

STATEMENT BY LICENSED EMBALMER

I hereby certify that the body whose name is recorded on the reverse side of this certificate was embalmed by me, or by.....

....., Registered Apprentice No.....
working under my personal supervision.

Signed

John Gancosky
.....
Licensed Embalmer No. *2398*.....

P. O. Address.....

Note: The above MUST BE SIGNED BY THE LICENSED EMBALMER in his OWN HANDWRITING. (Failure to comply with the above constitutes grounds for revocation of license.)

If this body is not embalmed, fact should be so stated above.

THE STATE BOARD OF HEALTH OF MISSOURI
BUREAU OF VITAL STATISTICS

State of _____ }
County of _____ } ss.

State File No. 15

AFFIDAVIT FOR CORRECTION OF A RECORD Local Registrar's No. 219

On this _____ day of _____, 194____, before me appears _____

_____, who, upon _____ oath, states that the original record of birth death
for Nancy Cantorio died SEARCH
born 1-12, 1945, in the State of
Missouri, and which was filed at _____ on _____, 19____, should be corrected as follows:

Item No. 3 should read Nancy Cantorio

Instead of _____ Nannief

Item No. _____ should read _____

Instead of _____

Item No. _____ should read _____

Instead of _____

Item No. _____ should read _____

Instead of _____

Item No. _____ should read _____

Instead of _____

Item No. _____ should read _____

Instead of _____

Item No. _____ should read _____

Instead of _____

Item No. _____ should read _____

Instead of _____

The above is true to the best of my knowledge, information and belief

(SEAL)
State of Missouri
City of St Louis

X Affiant Cherk L. Spender
Relationship _____

4700 Washington Blvd
Present Address.

Subscribed and sworn to before me this 6th day of January, 1947.

My Commission expires My Commission Expires Nov, 30, 1949
Alice L. Elbe Notary Public.

Affidavits containing erasures will not be accepted; draw one line through error and write above it.

PHYSICS 311

PROBLEM SET 1

2001

1

1

1. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

2. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

3. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

4. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

5. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

6. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10} + \frac{1}{12}fx^{12}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

7. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10} + \frac{1}{12}fx^{12} + \frac{1}{14}gx^{14}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

8. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10} + \frac{1}{12}fx^{12} + \frac{1}{14}gx^{14} + \frac{1}{16}hx^{16}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

9. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10} + \frac{1}{12}fx^{12} + \frac{1}{14}gx^{14} + \frac{1}{16}hx^{16} + \frac{1}{18}ix^{18}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

10. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10} + \frac{1}{12}fx^{12} + \frac{1}{14}gx^{14} + \frac{1}{16}hx^{16} + \frac{1}{18}ix^{18} + \frac{1}{20}jx^{20}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

11. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10} + \frac{1}{12}fx^{12} + \frac{1}{14}gx^{14} + \frac{1}{16}hx^{16} + \frac{1}{18}ix^{18} + \frac{1}{20}jx^{20} + \frac{1}{22}kx^{22}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

12. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10} + \frac{1}{12}fx^{12} + \frac{1}{14}gx^{14} + \frac{1}{16}hx^{16} + \frac{1}{18}ix^{18} + \frac{1}{20}jx^{20} + \frac{1}{22}kx^{22} + \frac{1}{24}lx^{24}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.

13. A particle of mass m moves in a potential $V(x) = \frac{1}{2}kx^2 + \frac{1}{4}bx^4 + \frac{1}{6}cx^6 + \frac{1}{8}dx^8 + \frac{1}{10}ex^{10} + \frac{1}{12}fx^{12} + \frac{1}{14}gx^{14} + \frac{1}{16}hx^{16} + \frac{1}{18}ix^{18} + \frac{1}{20}jx^{20} + \frac{1}{22}kx^{22} + \frac{1}{24}lx^{24} + \frac{1}{26}mx^{26}$. Find the energy levels E_n and the corresponding wave functions $\psi_n(x)$ for $n = 0, 1, 2, 3$.