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 STATE ENGINEER
 OREGON

Permit No. G- **2748**

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, Electronic Specialty Company, Portland Division
(Name of applicant)
 of P. O. Box 7696, Portland 20, Oregon, county of Multnomah,
(Postoffice Address)

state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, **SUBJECT TO EXISTING RIGHTS:**

If the applicant is a corporation, give date and place of incorporation

September 29, 1944, Los Angeles, California

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Unnamed intermittent stream
(Name of stream)

tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is 1.11 cubic feet per second or 500 gallons per minute.

3. The use to which the water is to be applied is industrial, cooling, and general plant service including potable usage within manufacturing plant located at 19000 N. E. Sandy Blvd., Portland, Oregon.

4. The well or other source is located 1,150 ft. N. and 1,800 ft. W. from the S. E. corner of the Geo. B. Pullen D. L. C.
(N. or S.) (E. or W.) (Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the Geo. B. Pullen D. L. C. apoc 29, Twp. 1N., R. 3E.,
SE 1/4 NW 1/4
 W. M., in the county of Multnomah

5. The pipeline (Canal or pipe line) to be 0.01 miles in length, terminating in the Geo. B. Pullen D. L. C. apoc, Twp. 1N., R. 3E., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Well No. 1

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

Artesian flow not anticipated.

8. The development will consist of one well (Give number of wells, tunnels, etc.) having a diameter of 10 inches and an estimated depth of 300 feet. It is estimated that 300 feet of the well will require steel perforated casing. Depth to water table is estimated 70 feet.
(Kind) (Feet)

CANAL SYSTEM OR PIPE LINE—

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, 50 ft.; size at intake, 6 in.; in size at 50 ft. from intake 10 in.; size at place of use Various in.; difference in elevation between intake and place of use, 20 ft. Is grade uniform? Estimated capacity, 1.55 sec. ft. (Discharge is to the existing plant water system loop.)

10. If pumps are to be used, give size and type 8" line shaft deep well Turbine

Give horsepower and type of motor or engine to be used 30 horsepower vertical electric motor.

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

Intermittent stream is 70 feet west of site; there is no difference in elevation. Stream has been diverted into culvert laid along west property line of plant site.

12. Location of area to be irrigated, or place of use industrial plant at 19000 N. E. Sandy Blvd.

Portland, Oregon

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre tract	Number Acres To Be Irrigated
1 N	3 E	29	NE $\frac{1}{4}$ NW $\frac{1}{4}$	Industrial
			SE $\frac{1}{4}$ NW $\frac{1}{4}$	"
			NW $\frac{1}{4}$ NE $\frac{1}{4}$	"
			SW $\frac{1}{4}$ NE $\frac{1}{4}$	"

(If more space required, attach separate sheet)

Character of soilnot applicable.....

Kind of crops raisednot applicable.....

MUNICIPAL SUPPLY--

12. To supply the city of _____
in _____ county, having a present population of _____
and an estimated population of _____ in 19_____

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$ 55,000 _____
- 15. Construction work will begin on or before September 1, 1964 _____
- 16. Construction work will be completed on or before January 1, 1965 _____
- 17. The water will be completely applied to the proposed use on or before January 1, 1965 _____

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. none _____

ELECTRONIC SPECIALTY CO. _____

Hugh Russell
(Signature of applicant) Hugh Russell, Controller

Remarks: This well is to be a part of a water system including storage reservoir, booster pumps, and installed water mains that will provide for regular plant water needs excepting fire demand. Present supply to plant is from Rockwood Water District.

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for _____

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before _____, 19_____

WITNESS my hand this _____ day of _____, 19_____

STATE ENGINEER
By _____
ASSISTANT

STATE OF OREGON,

PERMIT

County of Marion,

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 1.11 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from Well No. 1

The use to which this water is to be applied is industrial use including air conditioning and cooling

If for irrigation, this appropriation shall be limited to of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed acre feet per acre for each acre irrigated during the irrigation season of each year;

This permit is issued subject to the provision that use of water for air conditioning and cooling in excess of 5000 gallons per day shall be subsequent in priority to future beneficial consumptive use unless a two well system is constructed and all water wasted from the system recharged to the same ground water reservoir from which it was withdrawn,

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is August 24, 1964

Actual construction work shall begin on or before January 8, 1966 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1966

Complete application of the water to the proposed use shall be made on or before October 1, 1967

WITNESS my hand this 8th day of January, 1965

Chris L. Wheeler

STATE ENGINEER

Application No. G. 2954

Permit No. G. 2748

PERMIT

TO APPROPRIATE THE GROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon,

on the 24th day of August 1964, at 8:00 o'clock P. M.

Returned to applicant:

Approved:

JANUARY 8, 1965

Recorded in book No. 2748 of

Ground Water Permits on page

CHRIS L. WHEELER STATE ENGINEER

Drainage Basin No. 3 page 30

State Printing

OC Entered in vol. 1, 1959