To: Mr Gerber 6-19-41

(aroclor methods)

Concerning: Refractive index of Aroclors

The included charts give refractive index of all Aroclors, of which samples are available, in relation to temperature and Aroclor number.

The one lot of Aroclor 1262 gives points not in accord with average of observed lots of other Aroclors when index is plotted against Aroclor number. These points are shown but no curve drawn thru them.

The correction curves show that all Aroclors do not vary exactly the same with temperature, but the deviation between -10 (15°C) and +5 (30°C) lies within limits of error of the instrument (.2°C). Between these temperatures interpolation to 25° is justified.

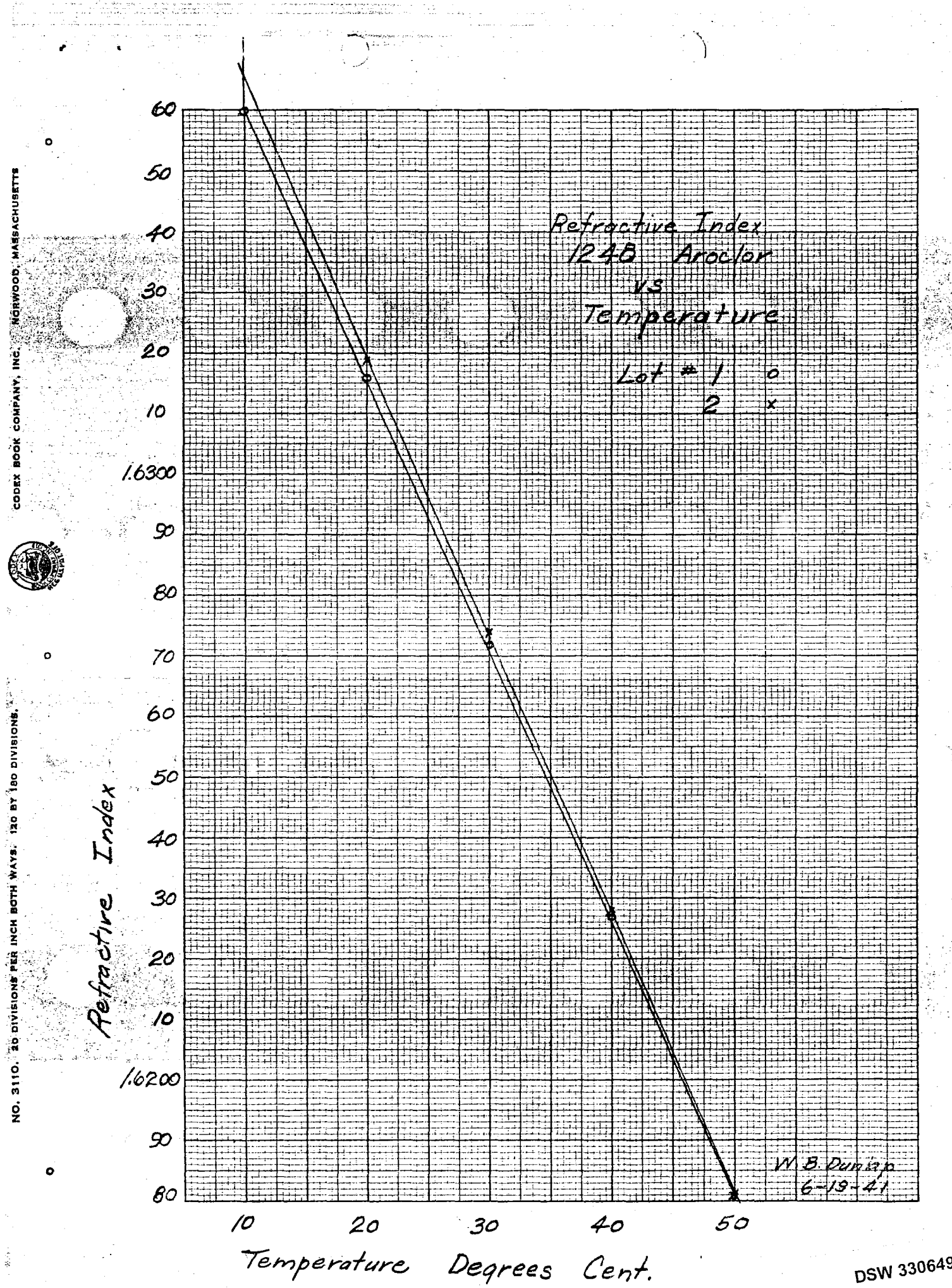
An attempt was made to run Aroclor 1264 but this material crystallizes at room temperature in the instrument.

All Aroclors except 1254 should have further investigation when samples of future lots are available, or when samples can be obtained from St Louis.

H. B. Dunlap

DSW 330648

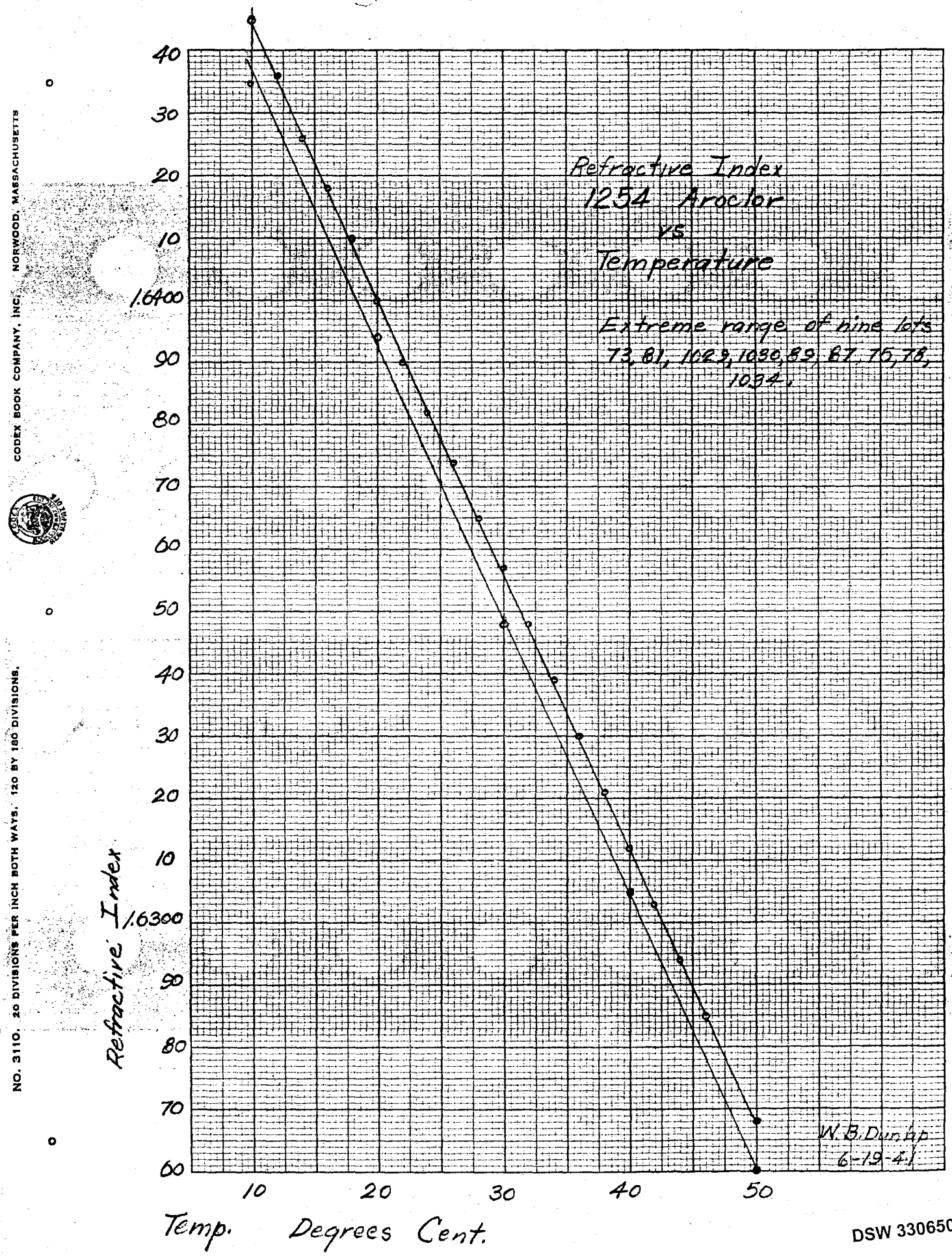
STLCOPCB4077292



CODEX BOOK COMPANY, INC. NORWOOD, MASSACHUSETTS
NO. 3110. 20 DIVISIONS PER INCH BOTH WAYS. 120 BY 180 DIVISIONS.

DSW 330649

STLCOPCB4077293



CODEX BOOK COMPANY, INC., NORWOOD, MASSACHUSETTS
NO. 3110. 20 DIVISIONS PER INCH BOTH WAYS. 120 BY 180 DIVISIONS.

DSW 330650

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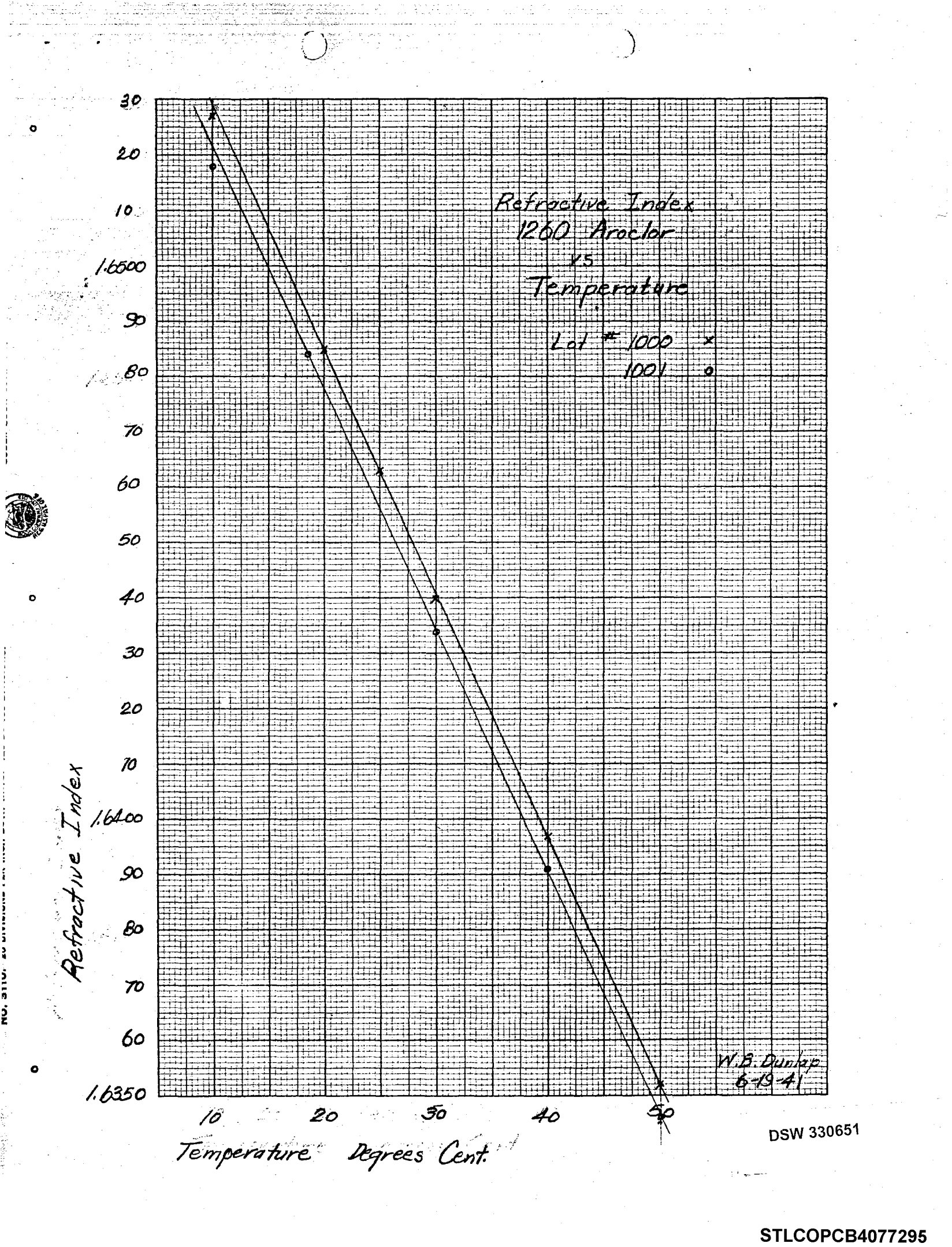

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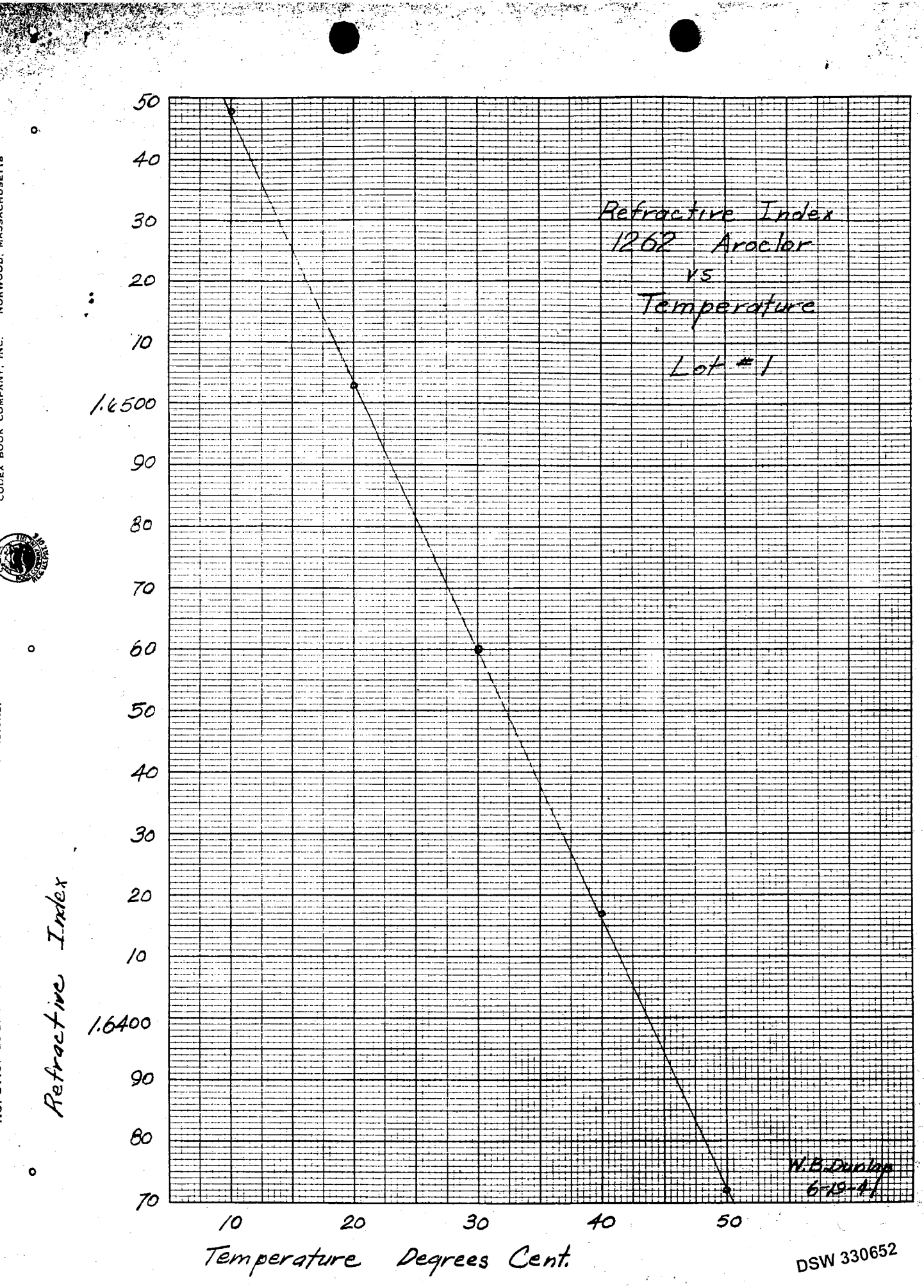

CODEX BOOK COMPANY, INC. NORWOOD, MASSACHUSETTS

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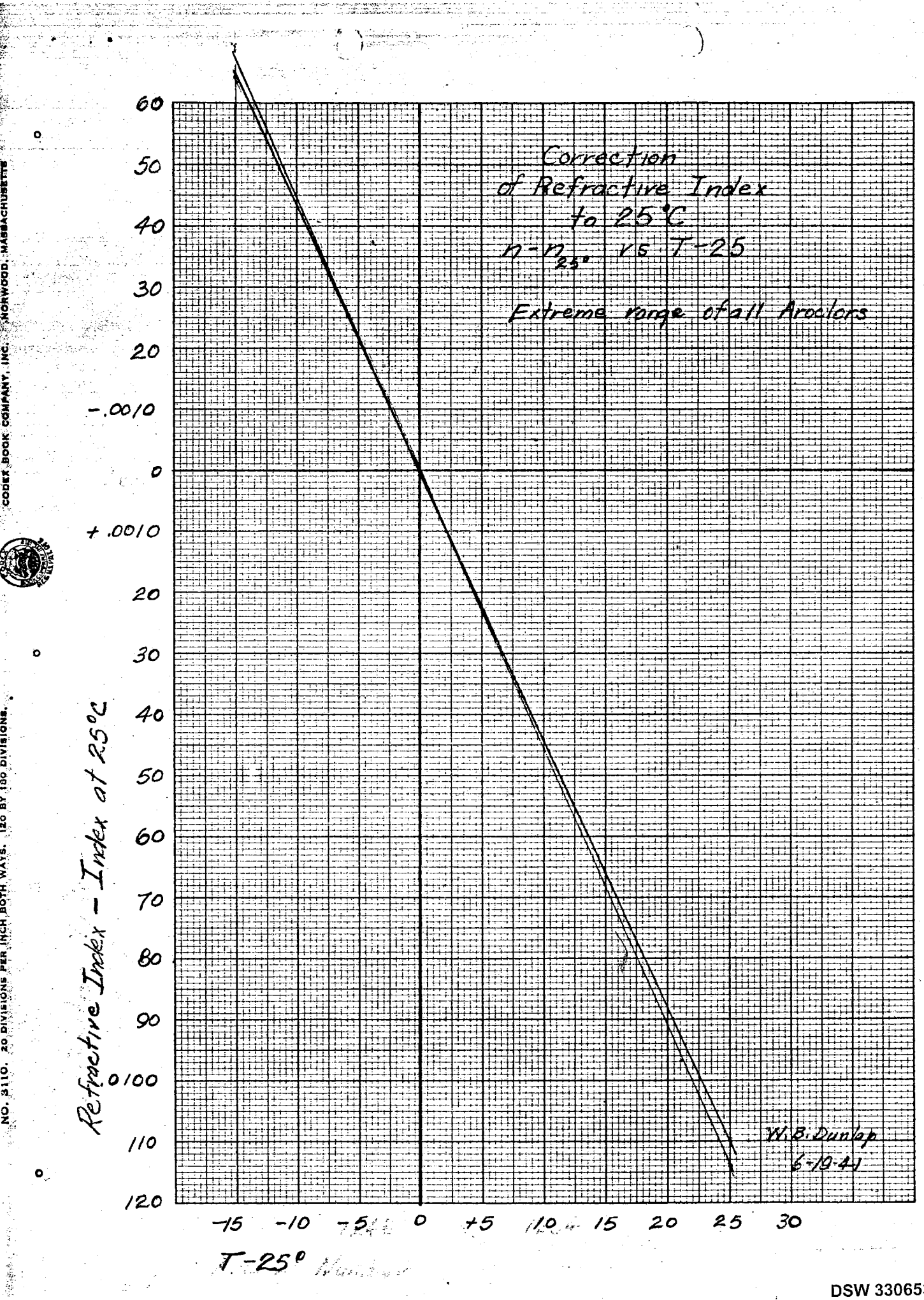
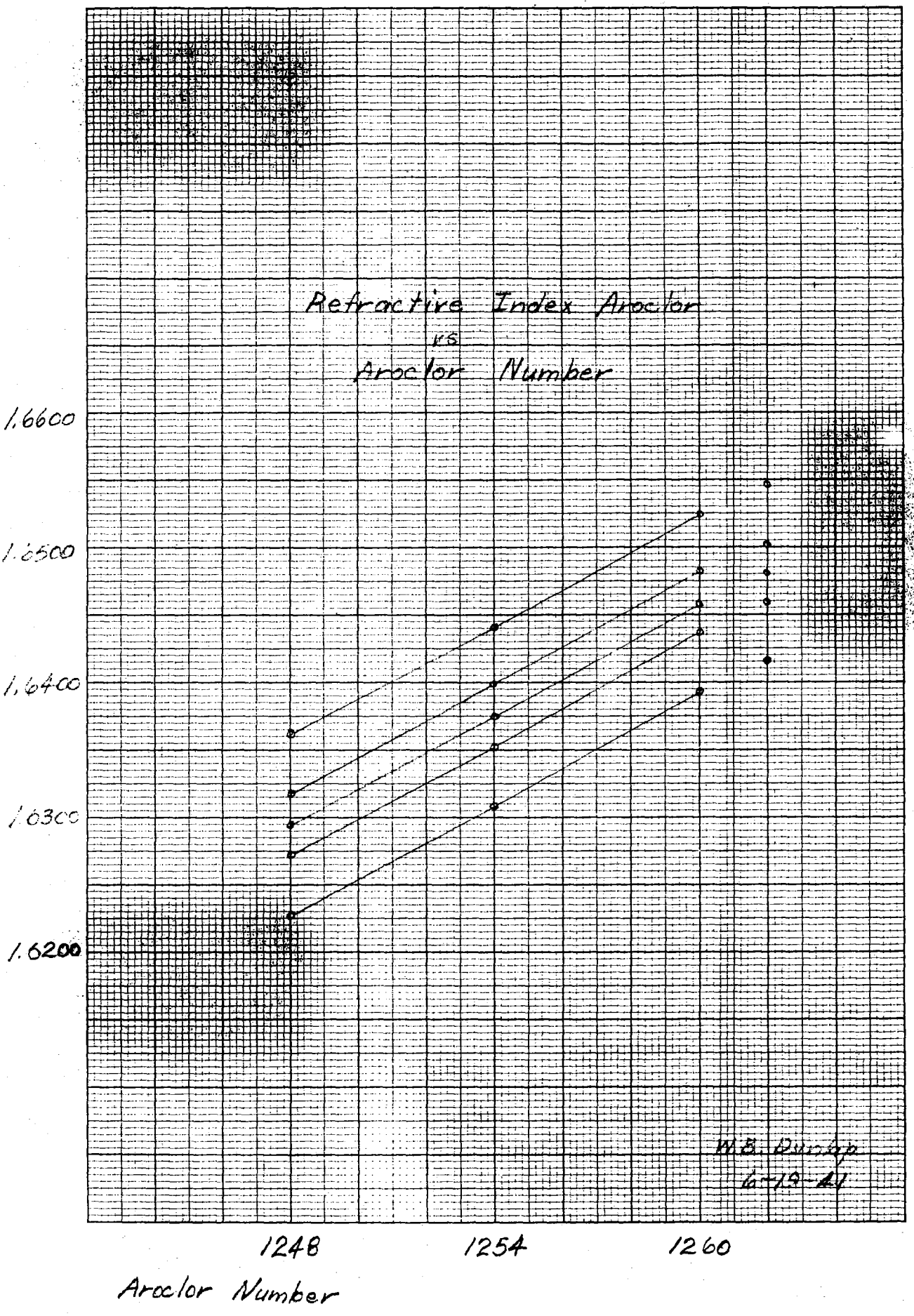


CODEX BOOK COMPANY, INC. NORWOOD, MASSACHUSETTS
NO. 3110. 20 DIVISIONS PER INCH BOTH WAYS. 120 BY 180 DIVISIONS.

DSW 330653

STLCOPCB4077297



DSW 330654

NO. 3110. 20 DIVISIONS PER INCH BOTH WAYS. 120 BY 180 DIVISIONS.