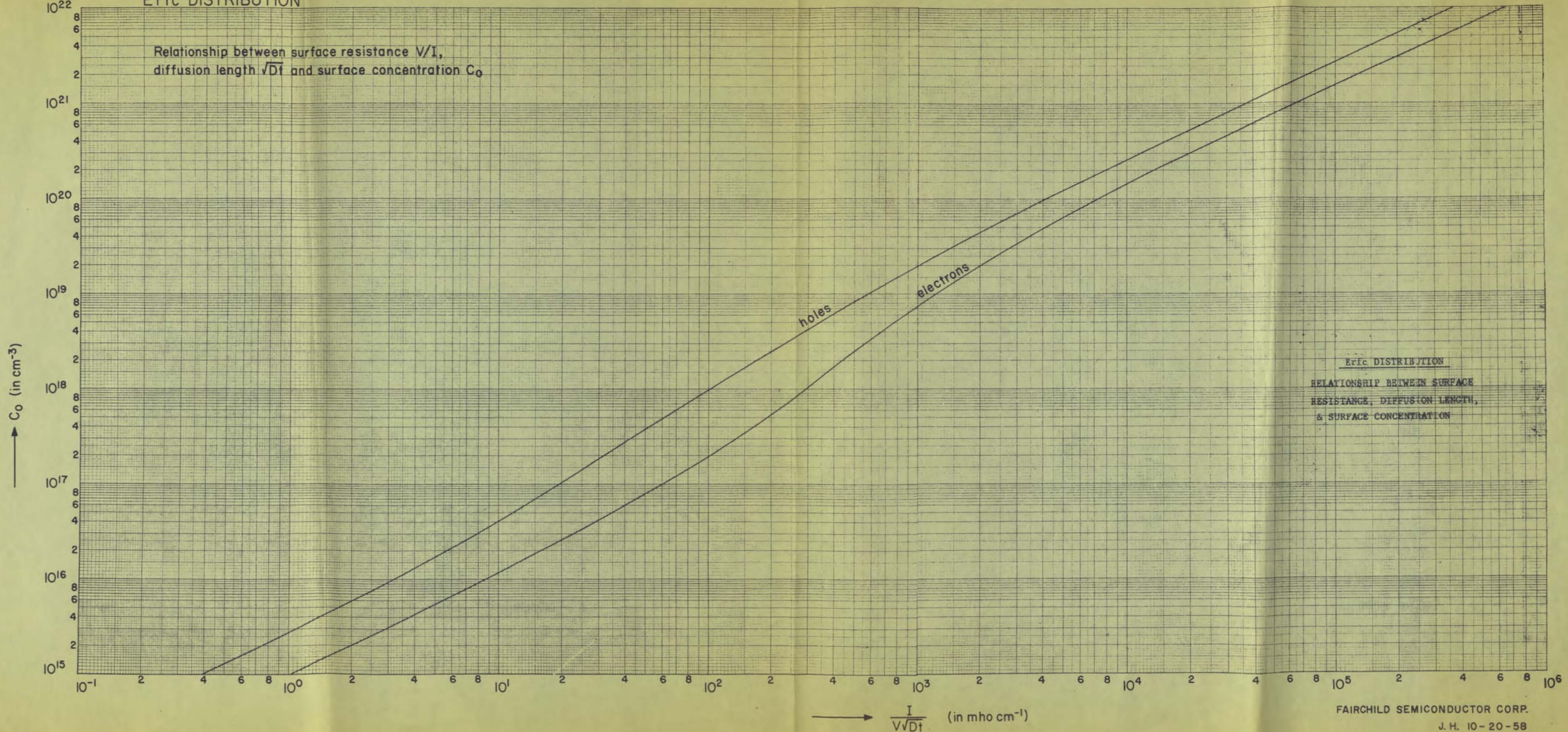


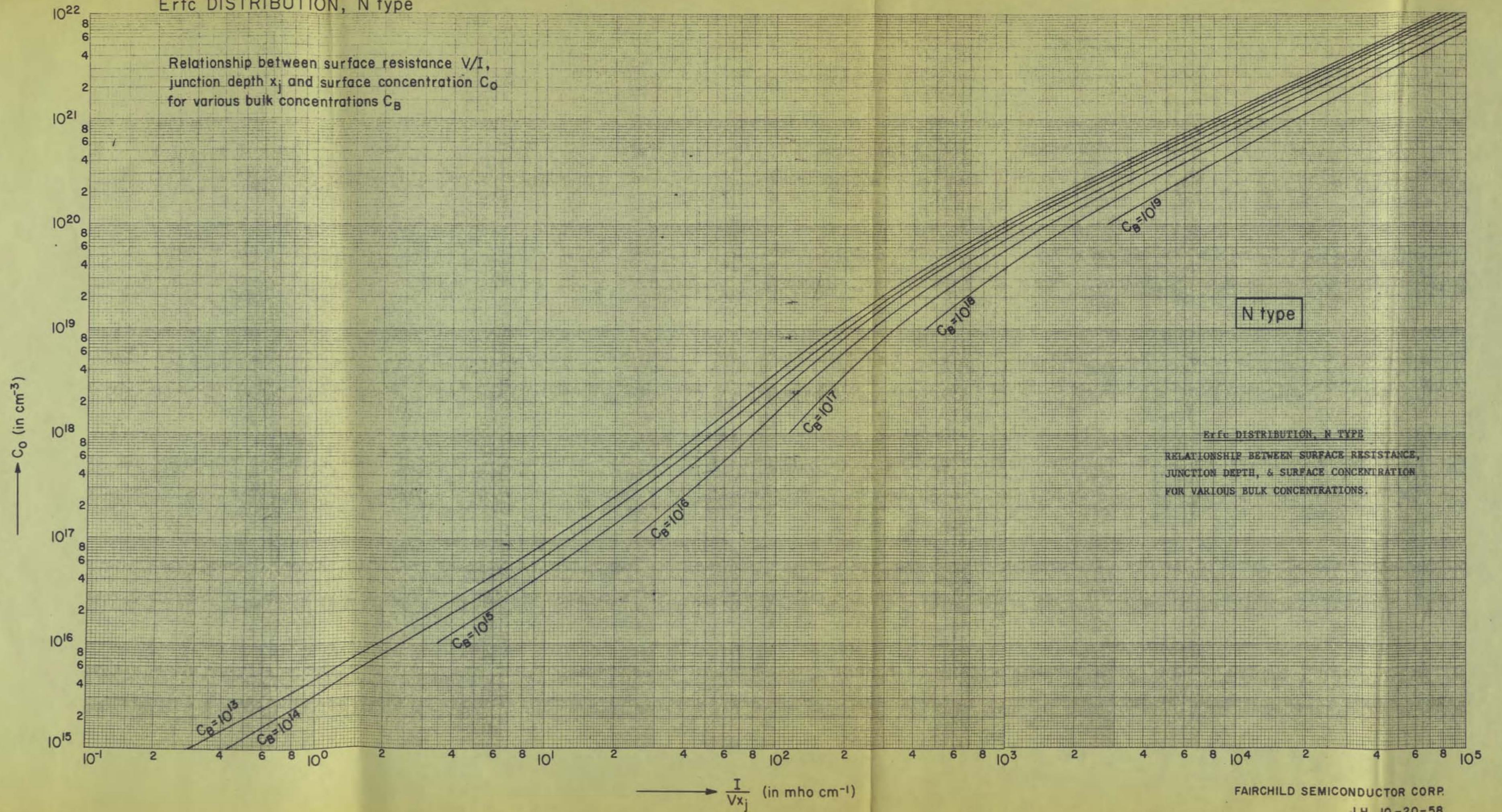
# Erfc DISTRIBUTION

Relationship between surface resistance  $V/I$ ,  
diffusion length  $\sqrt{Dt}$  and surface concentration  $C_0$

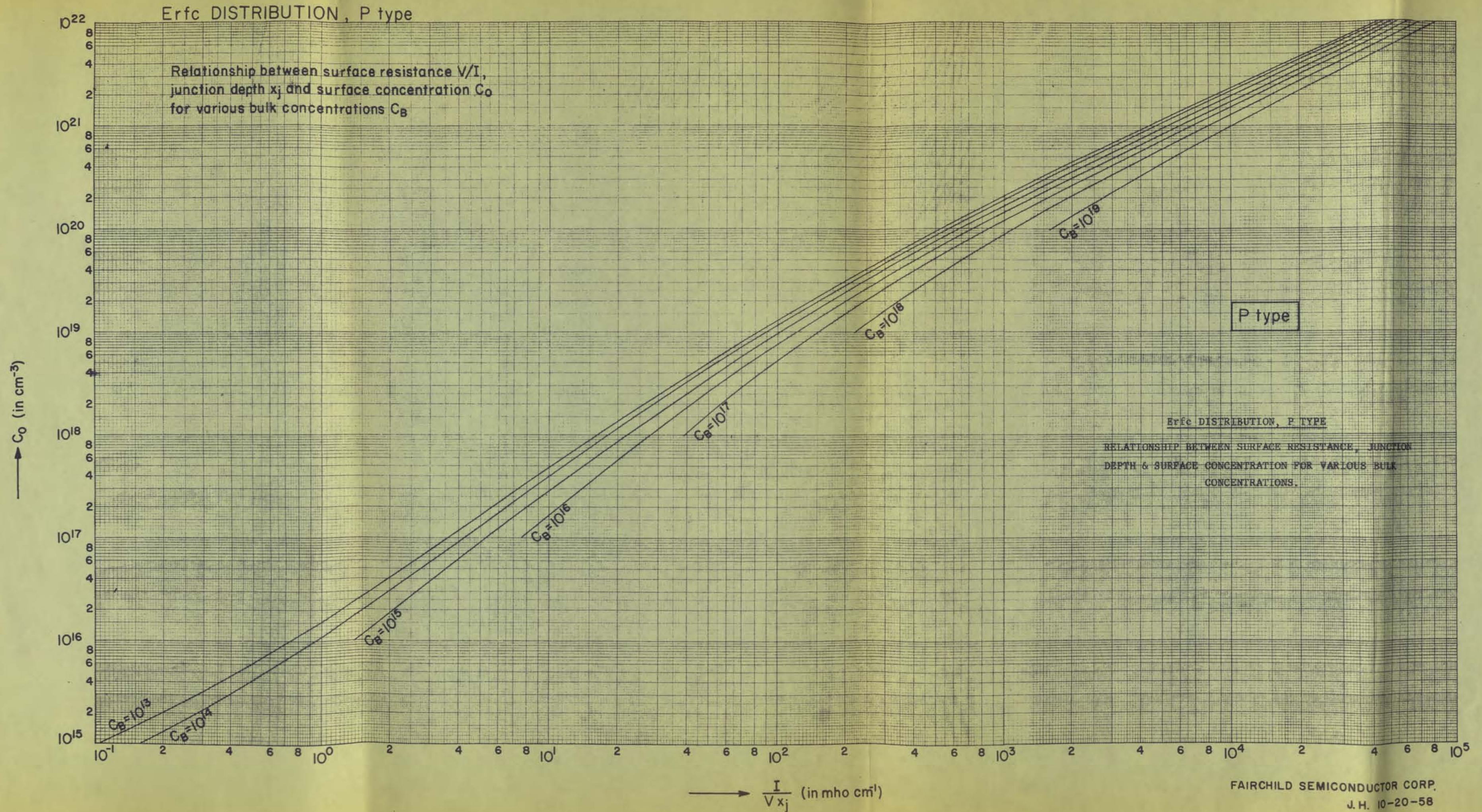


Erfc DISTRIBUTION  
RELATIONSHIP BETWEEN SURFACE  
RESISTANCE, DIFFUSION LENGTH,  
& SURFACE CONCENTRATION

Erfc DISTRIBUTION, N type

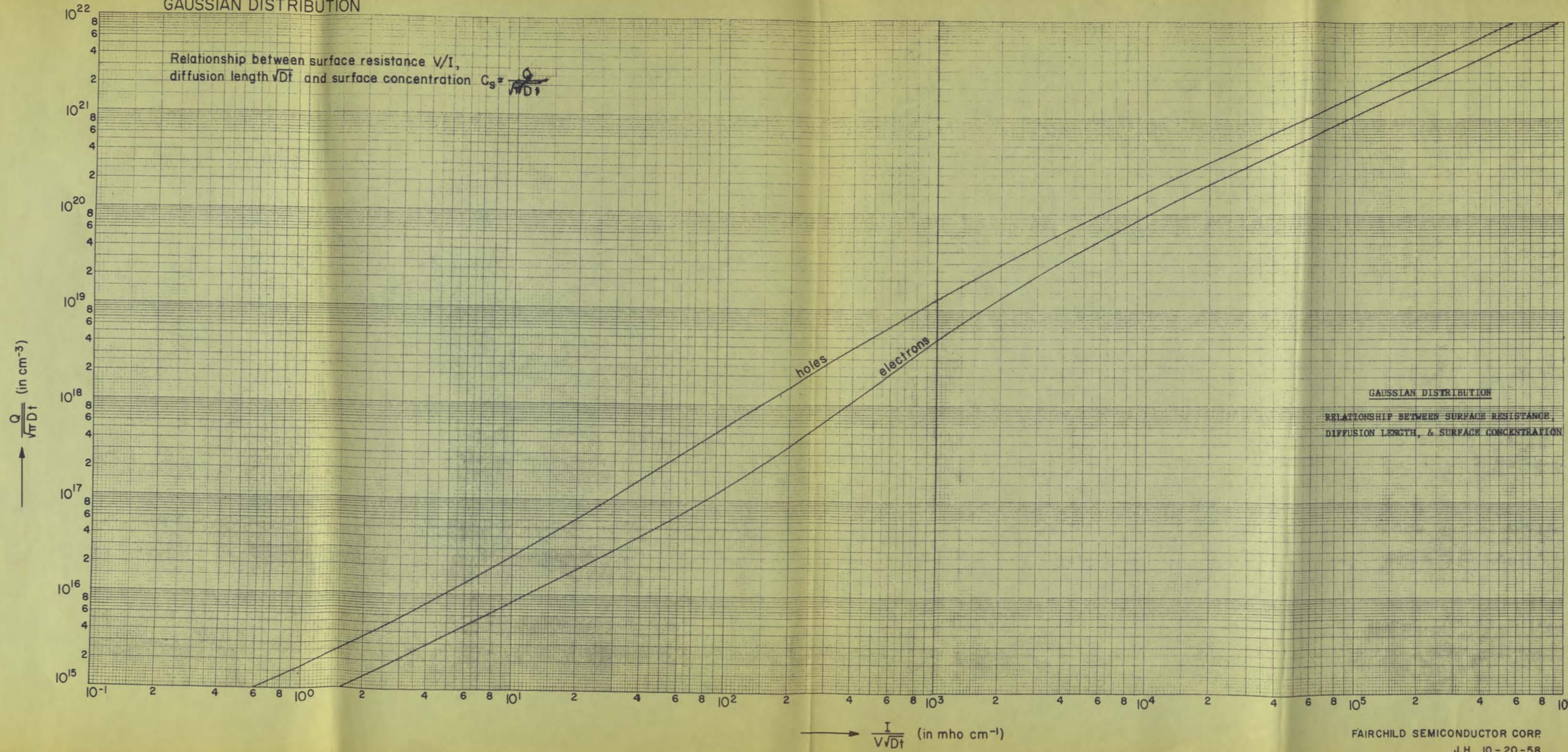


Erfc DISTRIBUTION, N TYPE  
RELATIONSHIP BETWEEN SURFACE RESISTANCE,  
JUNCTION DEPTH, & SURFACE CONCENTRATION  
FOR VARIOUS BULK CONCENTRATIONS.



GAUSSIAN DISTRIBUTION

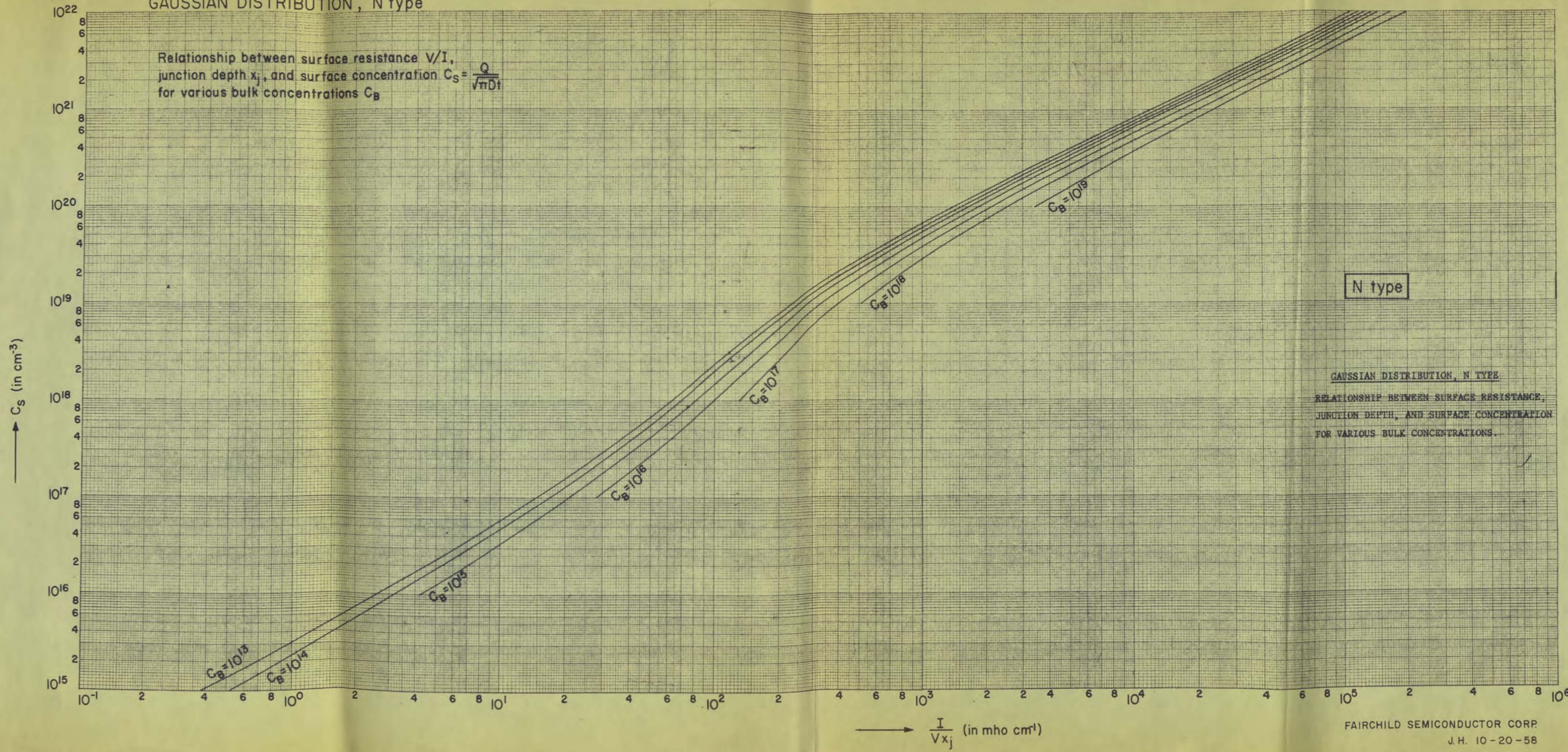
Relationship between surface resistance  $V/I$ ,  
diffusion length  $\sqrt{Dt}$  and surface concentration  $C_s = \frac{Q}{\sqrt{\pi Dt}}$



GAUSSIAN DISTRIBUTION  
RELATIONSHIP BETWEEN SURFACE RESISTANCE,  
DIFFUSION LENGTH, & SURFACE CONCENTRATION

GAUSSIAN DISTRIBUTION, N type

Relationship between surface resistance  $V/I$ ,  
junction depth  $x_j$ , and surface concentration  $C_s = \frac{Q}{\sqrt{\pi Dt}}$   
for various bulk concentrations  $C_B$



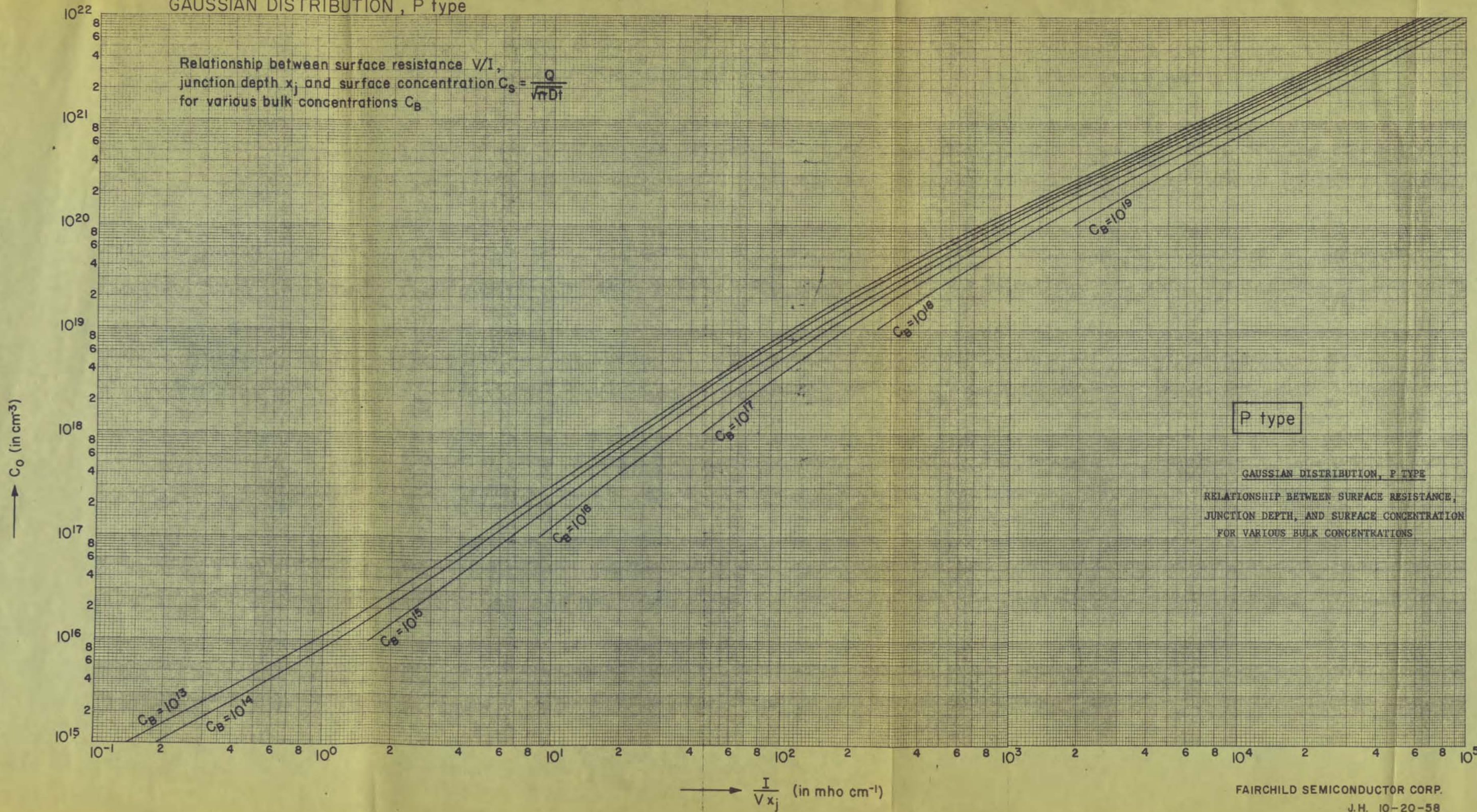
N type

GAUSSIAN DISTRIBUTION, N TYPE  
RELATIONSHIP BETWEEN SURFACE RESISTANCE,  
JUNCTION DEPTH, AND SURFACE CONCENTRATION  
FOR VARIOUS BULK CONCENTRATIONS.

K·E LOGARITHMIC 359-1281C  
KRUFFEL & ESSER CO. MANHATTAN, N.Y.  
7 X 4 CYCLES

GAUSSIAN DISTRIBUTION, P type

Relationship between surface resistance  $V/I$ ,  
junction depth  $x_j$  and surface concentration  $C_s = \frac{Q}{\sqrt{\pi}Dt}$   
for various bulk concentrations  $C_B$



P type

GAUSSIAN DISTRIBUTION, P TYPE  
RELATIONSHIP BETWEEN SURFACE RESISTANCE,  
JUNCTION DEPTH, AND SURFACE CONCENTRATION  
FOR VARIOUS BULK CONCENTRATIONS

K&S LOGARITHMIC 353-12RLG  
KUPFFEL & BERGER CO.  
7 1/2 CYCLES