

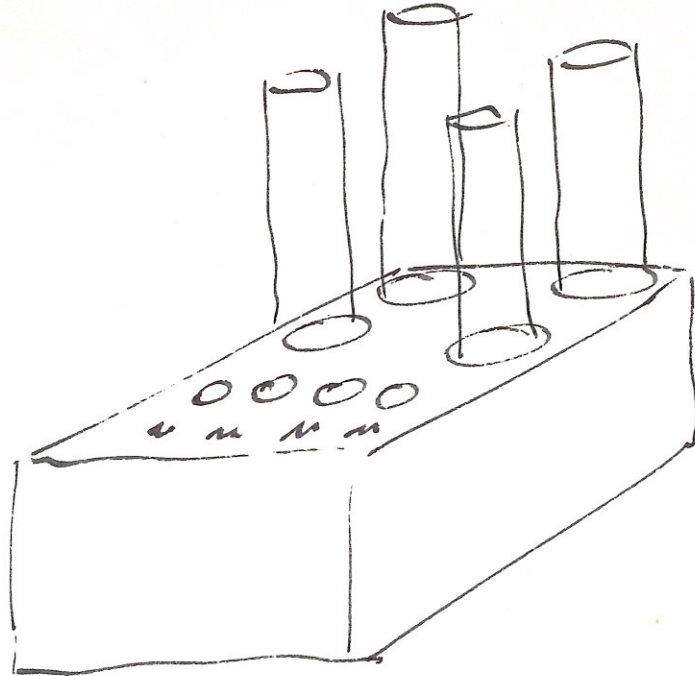
Optofmofoon

I - IV

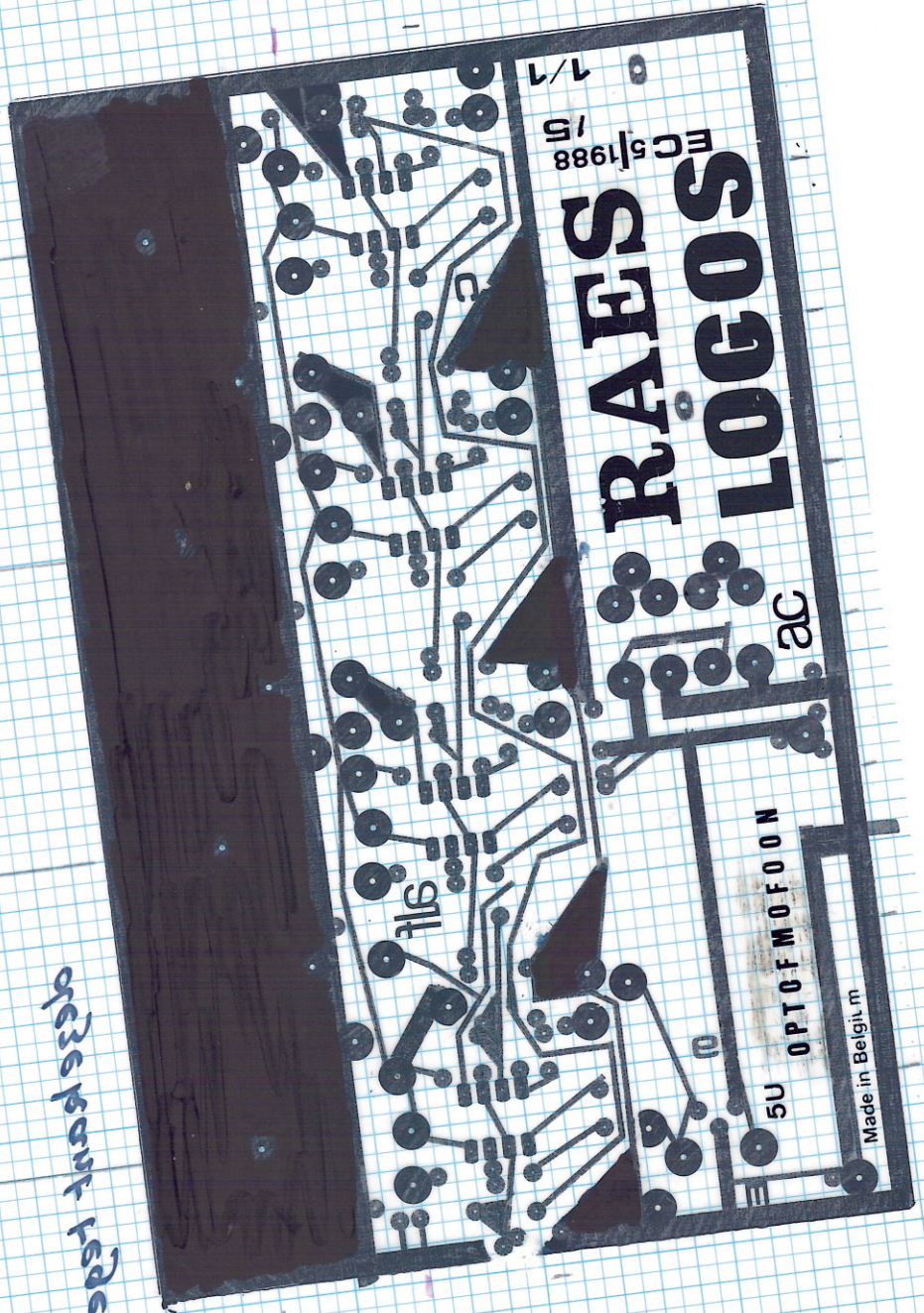
[4 x 555 osc.
FM-modulatie]

Cptof mo foon

J&M



dekkende laag voor



1/1

5/1988

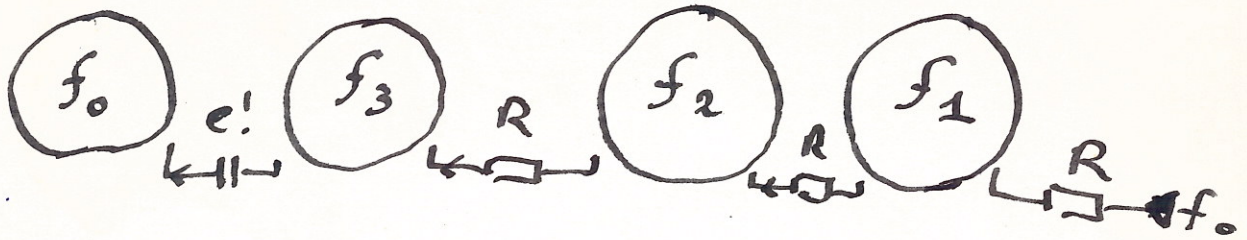
RAES LOGOS

ac

5U OPTOFON

Made in Belgium

G-waarden optofonoons.



I 100n 33n 10n 3n3 @ J&M

II

III 470n 10n 27n 100n @ SL

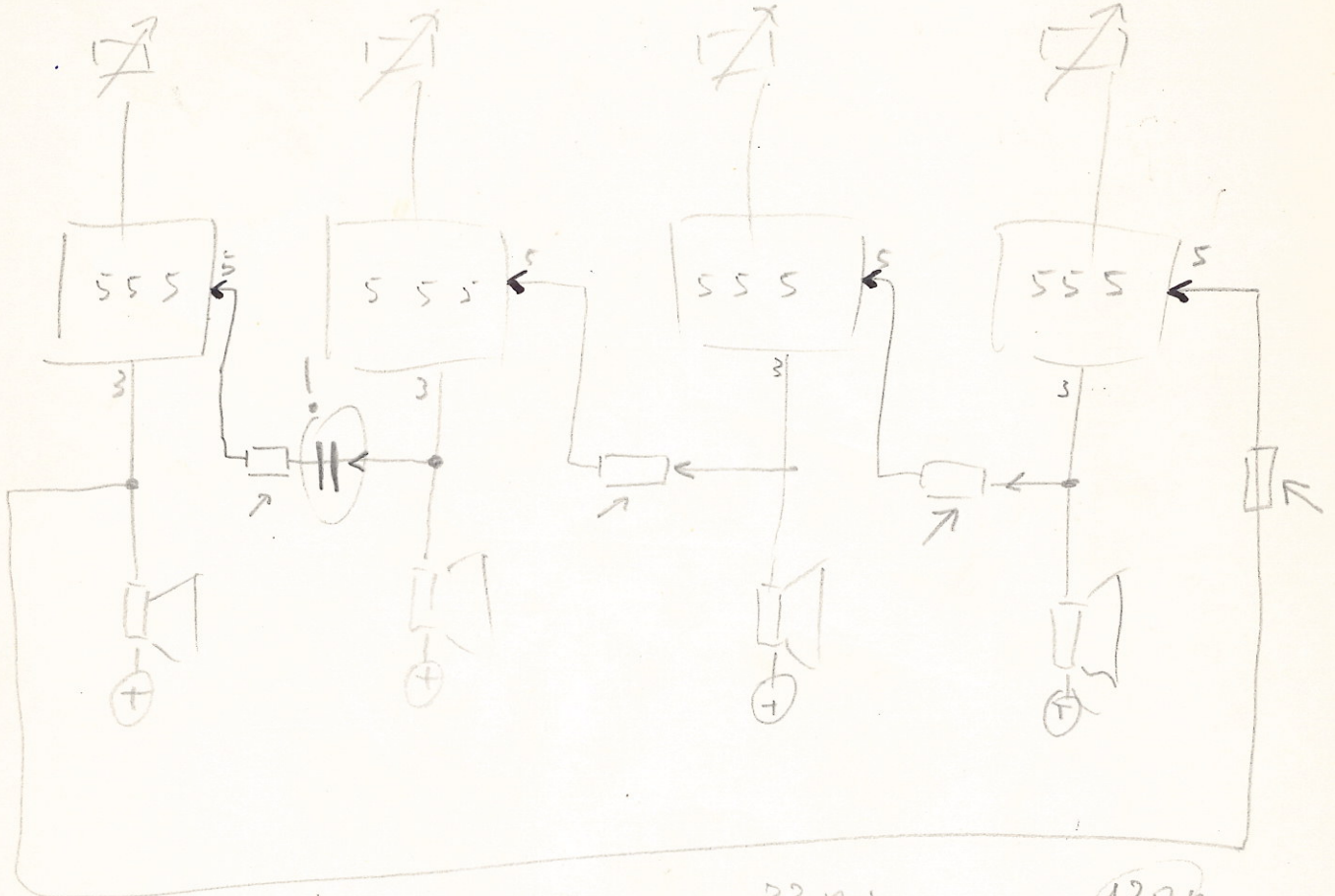
IV

f_0
Low

f_3
High

f_2

f_1



$C = 470n$

$10n$

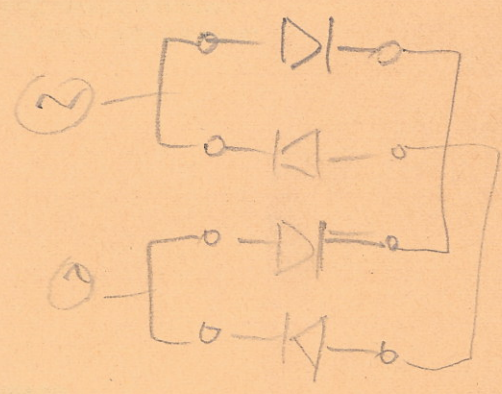
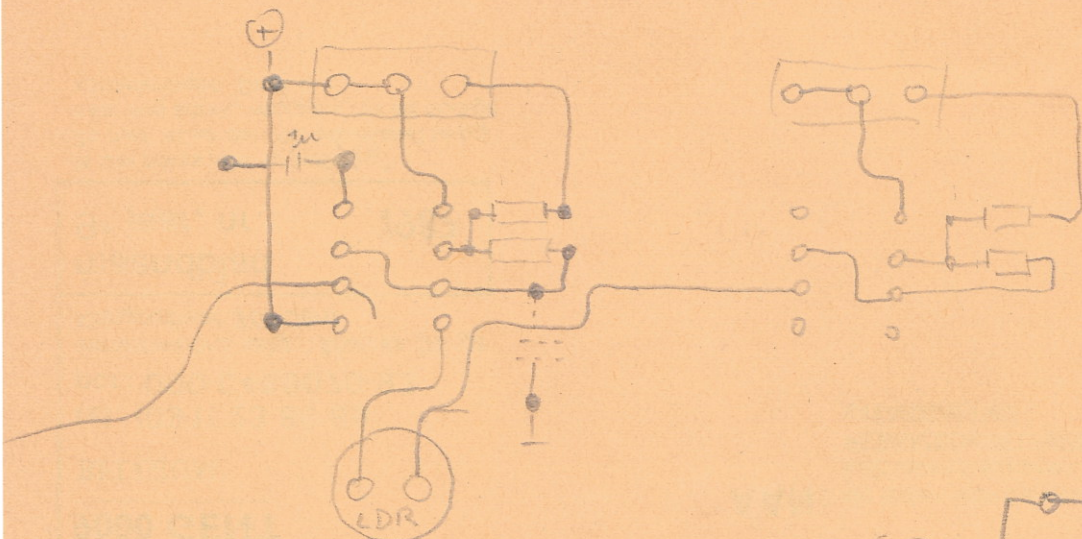
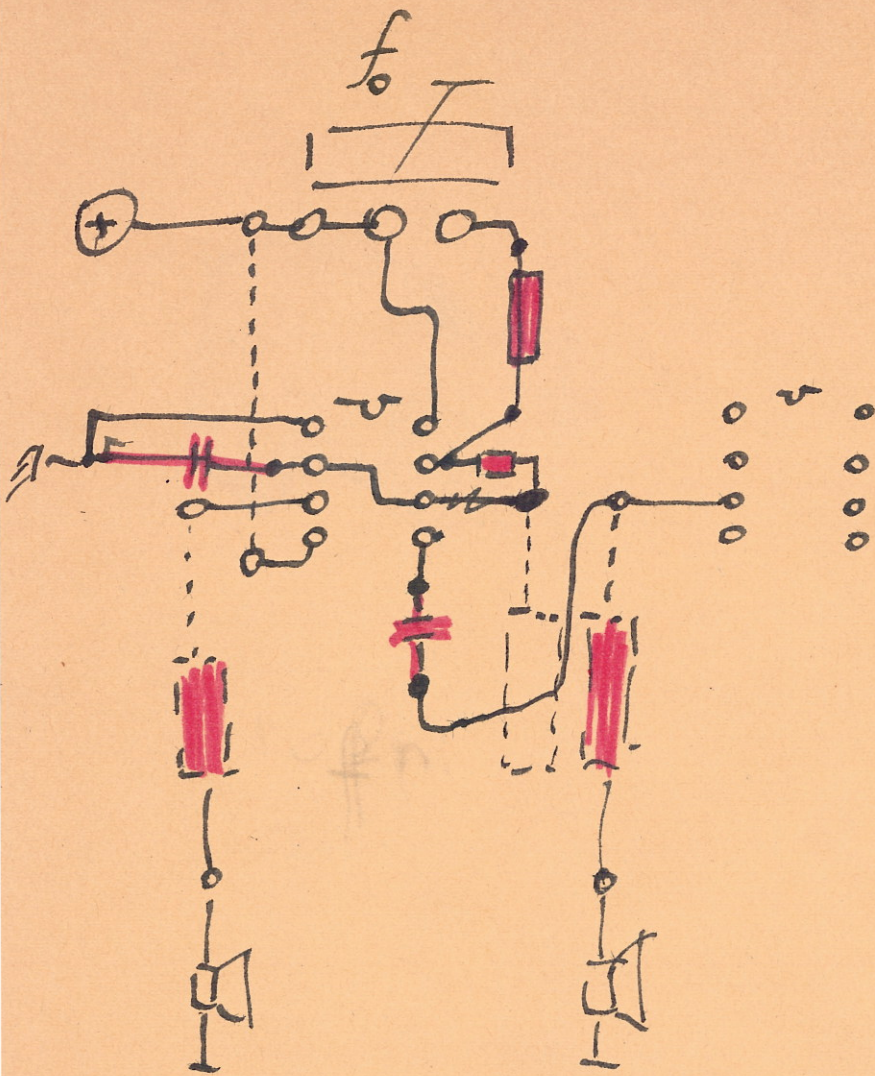
$33n$
 $22n$

$120n$
 $C = 100n$

Cirbu

Recurs.

Model III



kostprijs :

Print 250,-

Transf 200,-

7805 50,-

Elco 60,-

4 x 1W0007 40,-

4 pot's. 200,-

8 R's 16,-

4 555's 200,-

4 speakers 320,-

4 LDR's 400,-

4 R's 1W 40,-

Soldeer 100,-

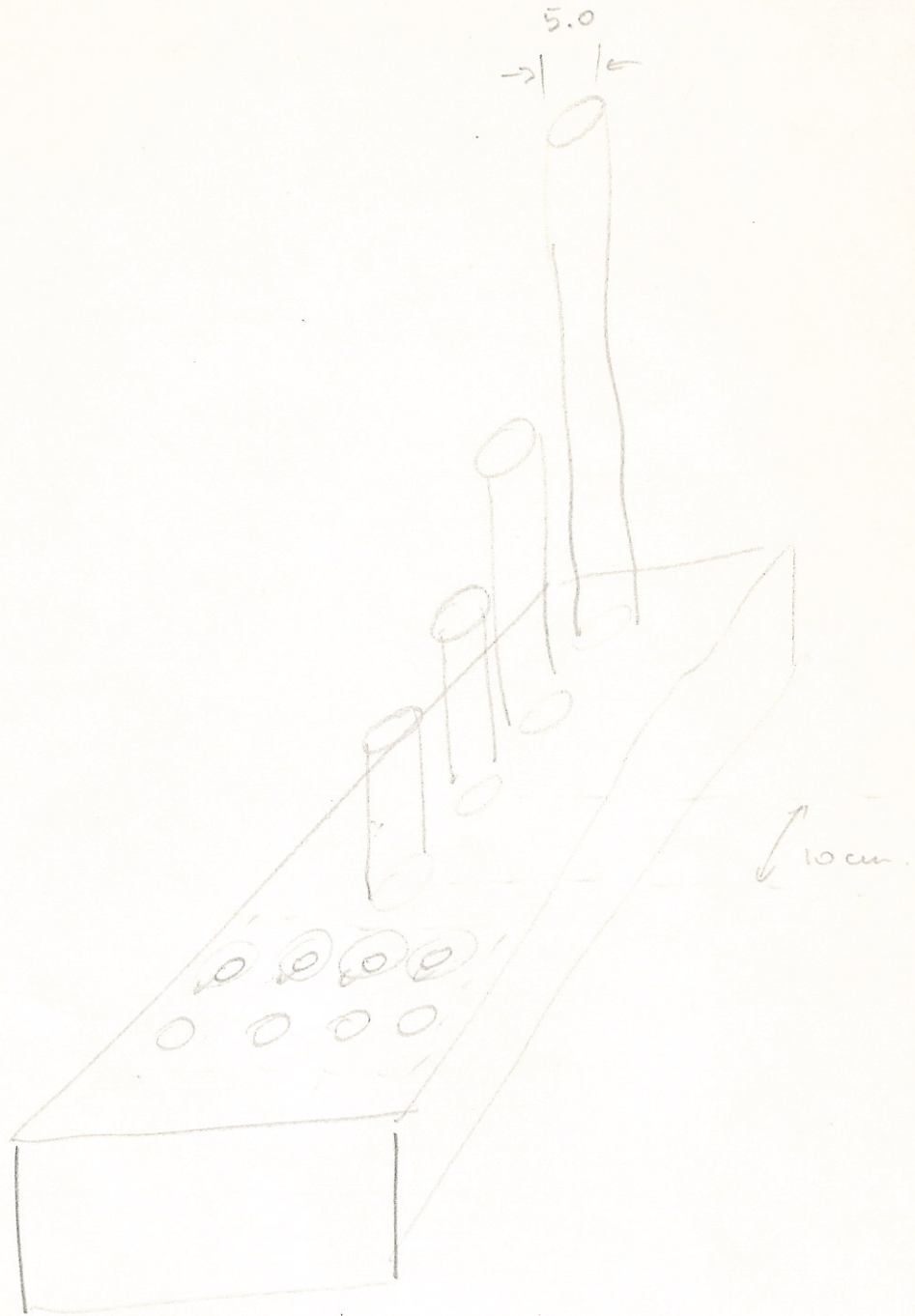
Net snoer 50,-

1926,-

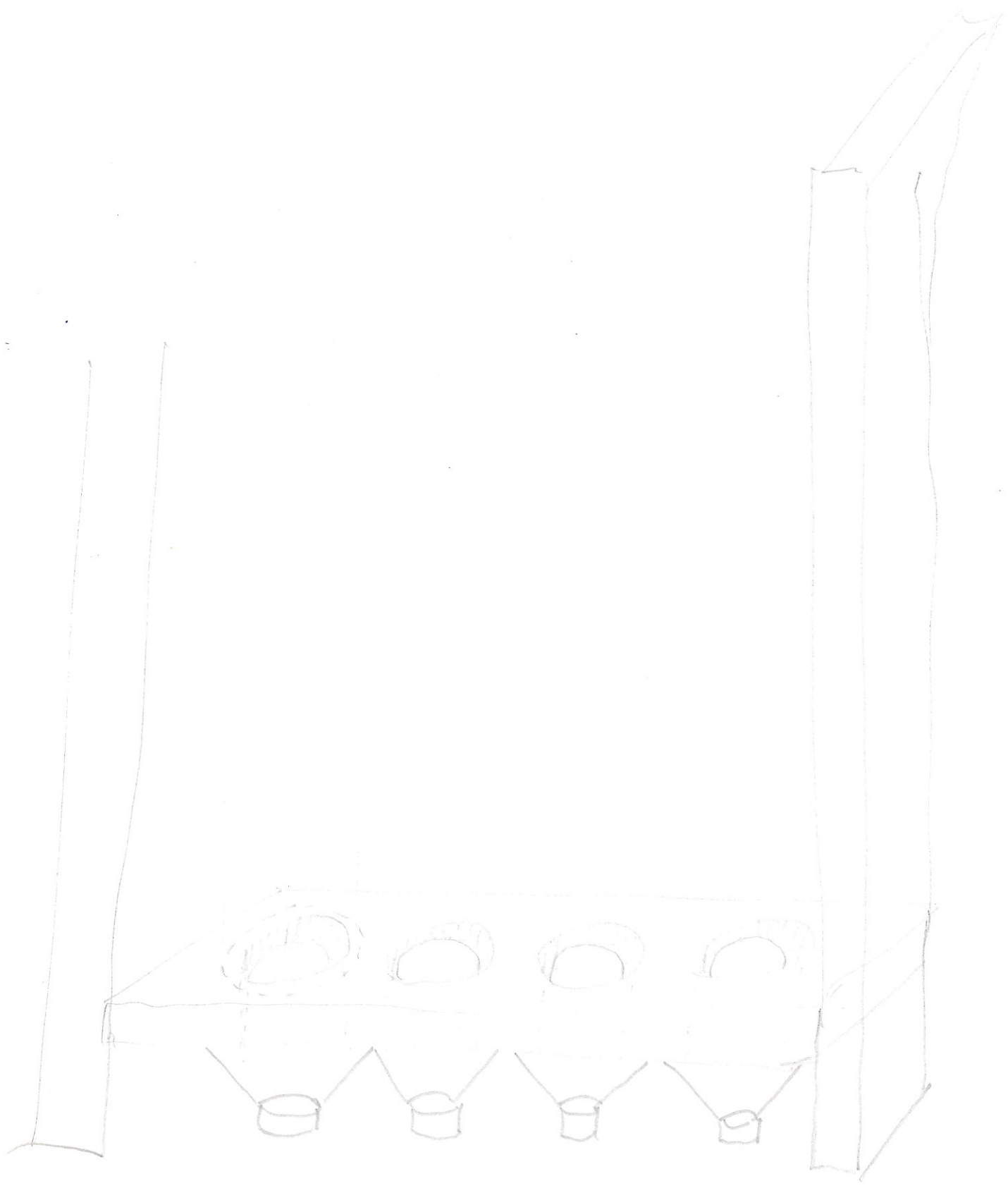
⇒ Verkoop prijs
bestelstipunt: 3.500,-

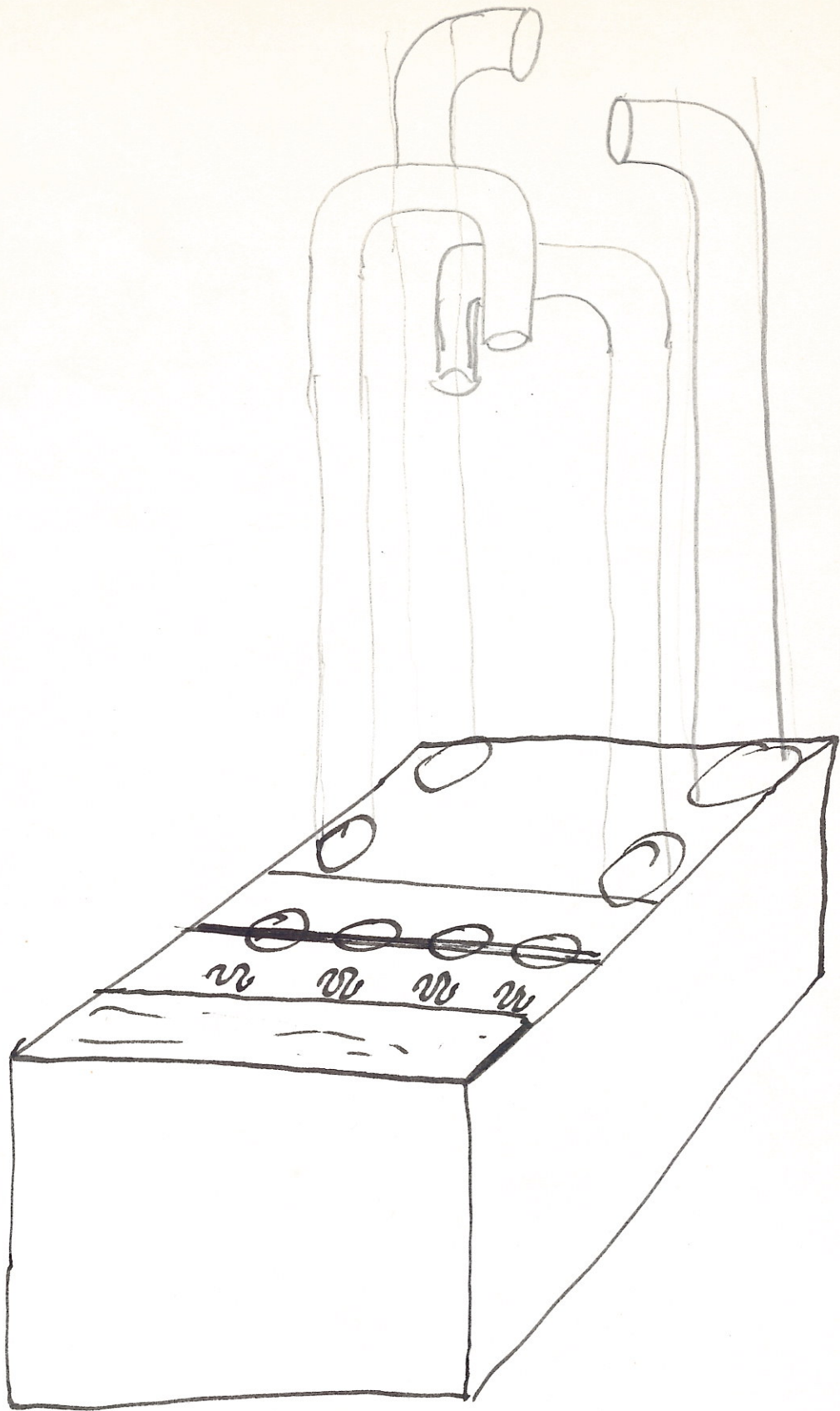
Dupe bouwrol: 5.000,-

Model II



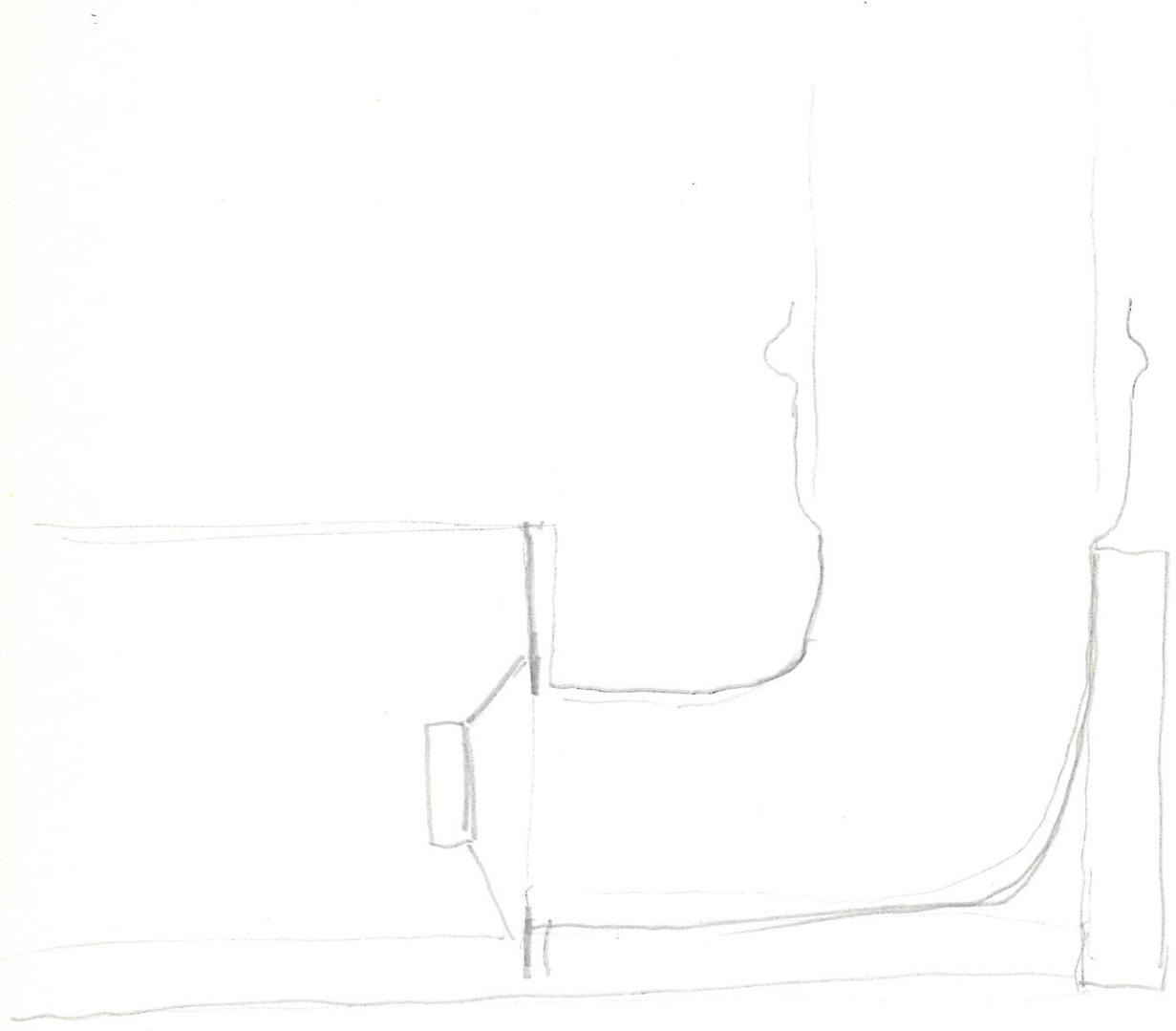
print EC 5/1988/2

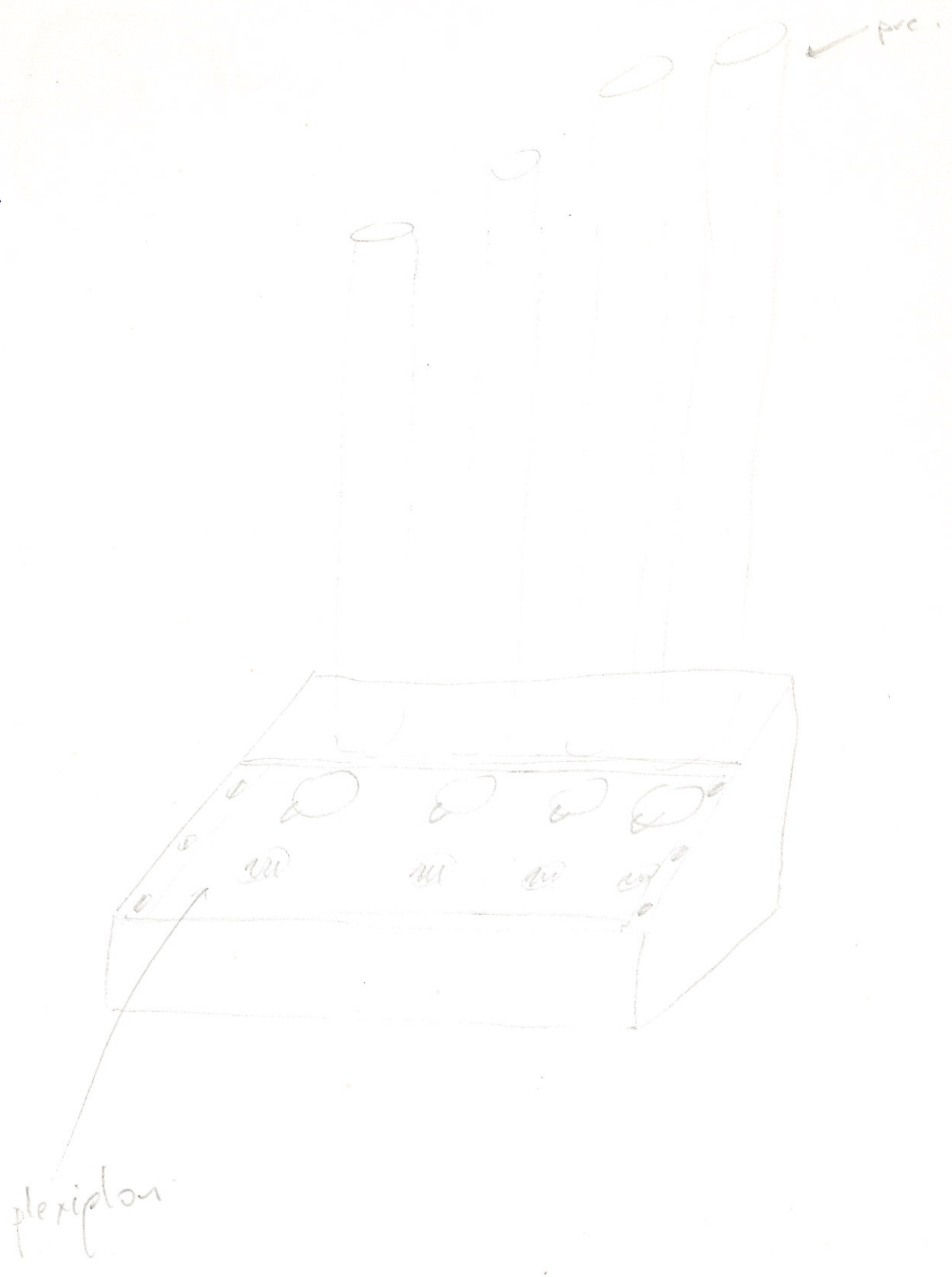


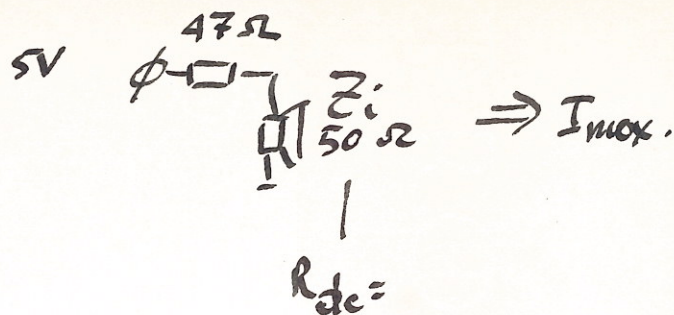


2









SSS $I_{out\ max} = 100\text{mA}$

+ ~~Chiripolice~~ = 600 mW max ..!

LS = 50Ω bij $V_o = 5V$.

$\rightarrow I_o = \frac{5}{50} = 100\text{mA}$.

$\rightarrow R_b = 50\Omega + 33\Omega$.

$\Rightarrow P_o = V_o \cdot I_o$

$I_o = \frac{5}{83} = 60\text{mA}$

= 5 · 0.06 =

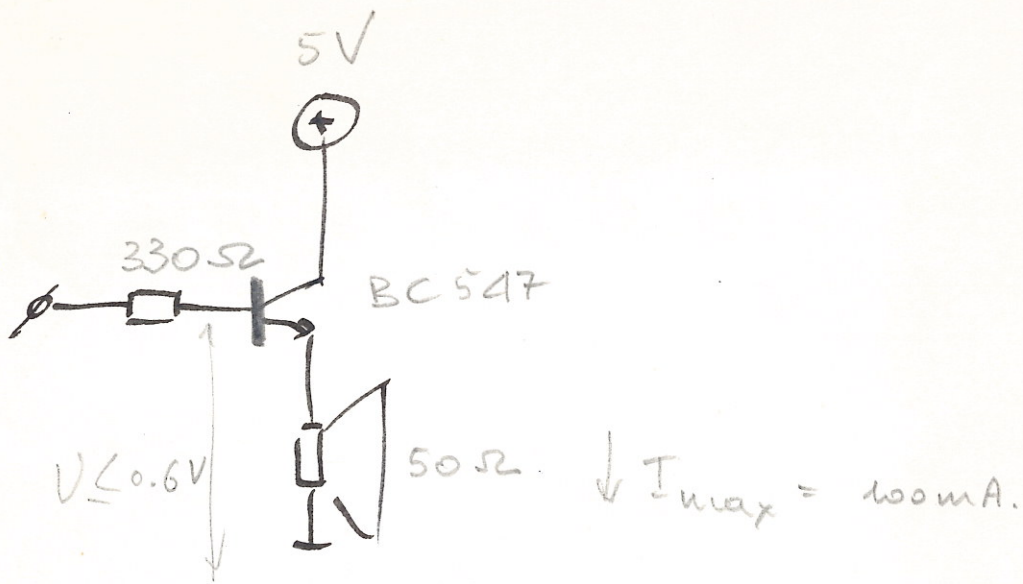
300 mW

$f_{o\ Low} = \frac{1.46}{(500k + 20k) \cdot C} = 280\text{Hz}$.

$C_1 = 10\text{nF}$

\downarrow
 6952 Hz.

Rue Van Der Broucke
⇒ Tweewerkstelling.



$$U_{max} = 5V - 1,2 = 3,8 \sim 4V$$

$$P_{max} = 4 \times 0,1 = \underline{\underline{0,4W}}$$

