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HEINR. BORGWALDT

IGVH
TABAKINGREDIENZEN
LABORGERÄTE

Dr. Martin Duke
c/o
Group Research and Development Centre
British-American Tobacco Company Limited
Regent's Park Road
SOUTHAMPTON SO9 1PE
England

POSTFACH 500224
FRIEDENSWEG 4
2000 HAMBURG 50 Nov. 10, 1983

ABTEILUNG
SACHBEFÄHIGTER
UNSER ZEICHEN
HR ZEICHEN
Export/Lab.
Mr. Krohn
Kr/wy

Dear Dr. Duke,

after Mr. Drescher's and Mr. Suhr's visit in May this year in Southampton, we had correspondence referring - besides others - to the Puff Counter RC21.00 for smoking machine system RM20/CS.

You informed us that the equipment TEXAS-Calculator TI 58 / Printer PC 100 C is not completely in compliance with your requirements and we mentioned that we intend to develop a new module. Today we are able to inform you about the conclusion of the development of the Puff Counter R28.00 which, as we feel, meets all technical details you required concerning puff counting and its report. The enclosed photos show the new Puff Counter R28.00 and, as no final technical description is available yet, we would like to explain the technical details as follows:

The Puff Counter R28.00 is situated on top of the control panel. Via a cable with plug, the connection with the basic unit resp. control panel is arranged.

Displays:

- 1) PORT : The port just being smoked is displayed during the smoking run.
- 2) PUFF : The actual state of the puff number of the corresponding port in 1/10 puffs is displayed analogue the display "PORT" during the smoking run.

Printer:

Regarding print of puff numbers, the following alternative operation is offered:

- 1) a. Print out of the puff number per cigarette (port) of the smoking run
and

HEINR. BORGWALDT
GmbH & Co.

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Hamburg, November 10, 1983
Kr/wy

Group Research & Development
Centre
Southampton

- b. print out of the total of the puff number of the smoking run
(normal use of the puff counter
position of the switch "PRINTER" = "MAN")

In this respect, please, be referred to the attached print out No. 1.

- 2) a. Print out of the puff number per cigarette after each puff
b. print out of the puff number per cigarette (port) of the
smoking run
c. print out of the total of the puff number of the smoking run
(Position of the switch "PRINTER" = "COUNT")

In this respect, please, be referred to the attached print out No. 2.

The Puff Counter R28.00 is provided with an interface RS232 so that periphery equipment can be connected.

So far the essential technical details of the new development.

The following commercial details can be quoted:

PUFF COUNTER R28.00 DM 4.835,-- per unit FOB Hamburg.

Time of Delivery: approx. 2-3 months after receipt of corresponding purchase order.

We would like to provide you with the prototype of the new Puff Counter R28.00 for smoking machine system RM20/CS for testing purposes in Southampton, and shall supply the device upon your request immediately.

The technical discussions in this matter could be made occasionally Mr. Drescher's next visit in Southampton, which is scheduled for beginning of January 1984, as at that time the orders for 4-port smoking machine RO4.01 as well as for a further RM20/CS type will be executed. As usual, we shall put these devices into operation in Southampton, however, we shall of course revert in this matter in due time to fix the final dates.

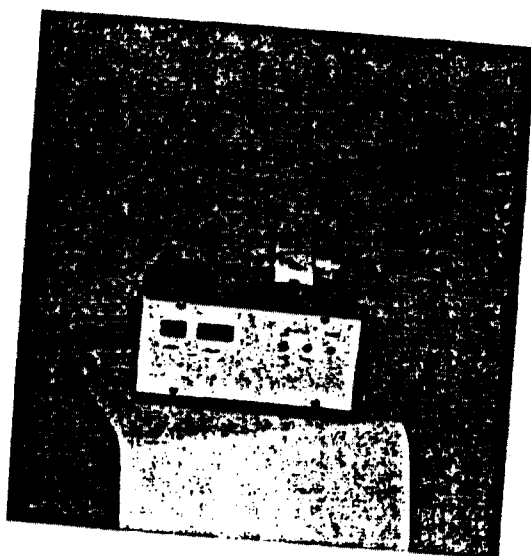
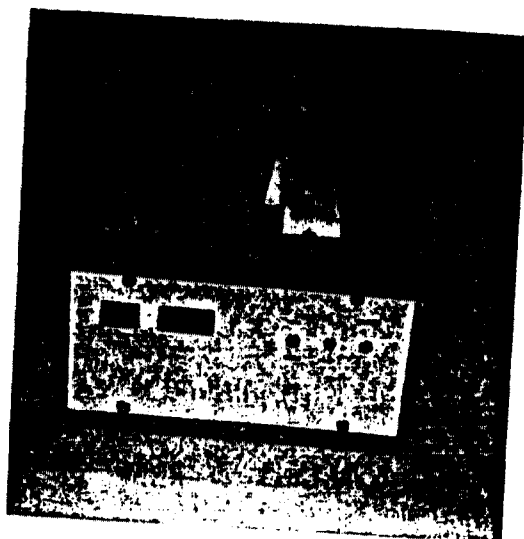
We would appreciate your comments regarding the new puff counter R28.00 and look forward for your early news.

Thank you for your interest and kind attention.

Yours faithfully,
HEINR. BORGWALDT GMBH
p.o.
U. Krohn

Encls.

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No. 1

RM 20 CS
START?

BREAK AT PORT 06

PORT 01 003,6
PORT 02 004,0
PORT 03 003,5
PORT 04 003,4
PORT 05 002,7
PORT 06 002,5
PORT 07 002,6
a PORT 08 002,7
PORT 09 002,6
PORT 10 002,5
PORT 11 002,7
PORT 12 003,0
PORT 13 003,0
PORT 14 002,7
PORT 15 002,5
PORT 16 002,7
PORT 17 002,7
PORT 18 002,6
PORT 19 002,6
PORT 20 002,5

b TOTAL: 057,1
MACH. NR:

DATE:

CIGARETTE:

NAME:

No. 2

RM 20 CS
START?

PORT 01 001,0
PORT 02 001,0
PORT 03 001,0
PORT 04 001,0
PORT 05 001,0
PORT 06 001,0
PORT 07 001,0
PORT 08 001,0
PORT 09 001,0
PORT 10 001,0
PORT 11 001,0
PORT 12 001,0
PORT 13 001,0
PORT 14 001,0
PORT 15 001,0
PORT 16 001,0
PORT 17 001,0
PORT 18 001,0
PORT 19 001,0
PORT 20 001,0
PORT 01 002,0
PORT 02 002,0
PORT 03 002,0
PORT 04 002,0
PORT 05 002,0
PORT 06 002,0
PORT 07 002,0
PORT 08 002,0
PORT 09 002,0
PORT 10 002,0
PORT 11 002,0
PORT 12 002,0
PORT 13 002,0
PORT 14 002,0
a PORT 15 002,0
PORT 16 002,0
PORT 17 002,0
PORT 18 002,0
PORT 19 002,0
PORT 20 002,0
PORT 01 003,0
PORT 02 003,0
PORT 03 003,0
PORT 04 003,0
PORT 05 003,0
PORT 06 003,0
PORT 07 003,0
PORT 08 003,0
PORT 09 003,0
PORT 10 003,0
PORT 11 003,0
PORT 12 003,0
PORT 13 003,0
PORT 14 003,0
PORT 15 003,0
PORT 16 003,0

PORT 15 002,0
PORT 17 002,0
PORT 18 002,0
PORT 19 002,0
PORT 20 002,0
PORT 01 003,0
PORT 02 003,0
PORT 03 003,0
PORT 04 003,0
PORT 05 003,0
PORT 06 003,0
PORT 07 003,0
PORT 08 003,0
PORT 09 003,0
PORT 10 003,0
PORT 11 003,0
PORT 12 003,0
PORT 13 003,0
PORT 14 003,0
PORT 15 003,0
PORT 16 003,0
PORT 17 002,8
PORT 18 002,5
PORT 19 002,5
PORT 20 002,4
PORT 01 003,6
PORT 02 003,7
PORT 03 004,0
PORT 04 004,0
PORT 05 003,6
PORT 06 003,6
PORT 07 003,7
PORT 08 004,0
PORT 09 003,6
PORT 10 003,7
PORT 11 003,5
PORT 12 003,6
PORT 13 003,6
PORT 14 003,5
PORT 15 003,0
PORT 16 003,0
BREAK AT PORT 17
PORT 01 003,6
PORT 02 003,7
PORT 03 004,0
PORT 04 004,0
PORT 05 003,6
PORT 06 003,6
PORT 07 003,7
PORT 08 004,0
PORT 09 003,6
PORT 10 003,7
PORT 11 003,5
PORT 12 003,6
PORT 13 003,6
PORT 14 003,5
PORT 15 003,0
PORT 16 003,0
PORT 17 002,8
PORT 18 002,5
PORT 19 002,5
PORT 20 002,4

C TOTAL: 367,9
MACH. NR:

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DATE:

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CIGARETTE:

.....
NAME:

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