## TEIECAPY

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5. TAEASFOPR - 2609-9549

7. . CAPACITOR 10R UF - $67-260347$

9. 7507 [С












3. 7415225 14 74-260994



John Robertson

GTE Sylvania
P.O. Box 360

Muncy, Pa. 17756
John,
I have discussed with Sylvania people several times the requirements for the FCC and Serial No. labels for the Mattel Intellevision Game system. We've agreed that the Serial No, and Type Approval No, can be on the same label. However, the FCC Approval No. must appear only one place - the bottom of the Video Game unit.

It has also been verbally agreed that Sylvania will desi ga multiple section type of label which will contain the FCC Approval label and two or more Serial No. sections.

I have consulted with Mattel Marketing and have agreement with them that a simple white paper label with black printing fulfills our needs for the FCC portion of the label.

The size of the FCC label portion should be approximately $2^{\prime \prime} \times 3^{\prime \prime}$ and have a permanent type adhesive that will comply with California Business and Professions Code, section 224.11 and FCC rules, section 2.925 (see attachments).

The following information needs to be printed on the FCC Approval 1abel:

```
MATTEL ELECTRONICS
5150 ROSECRANS AVE. HAVTHORNE, CALIFORNLA 90250
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Model No. 2609
Serial No.
FCC Type Approval No.
VALID ONLY WHEN OPERATED PURSUANT TO FCC RULES PART 15
MANUFACTURED IN U.S.A.
A photograph of the Mattel Electronic logo is attached. A drawing detailing the FCC label must be submitted with our application for approval. Therefore, we must act quickly to resolve the label design.

cc: Dave Chandler/
Denny Bogart
Howard Cohen

## $\S 2.911$ Fees.

No aphlication for an eduipment authorization will he acrepted fur prome's sing unless it is accompanied by the fees prescribed in the Commission's . cchelule of , fines in Suhpart $G$ oi $i$ art 1 of this chapter.

## §2.912 Fees for type approval.

(a) An applieation for trpe approval must be accompanied lis the fling fee prescribed in $\$ 1.1120$ of this chapter.
(h) Each grant of type approral is expressls conditioned (\& i.11tr (d)) upon payment of the requisite grant fee prescribed in $\$ 1.11 \because 0$ of this chapter. Failure to remit the speciffed grant fee within the time prescribed will result in rescission of the trpe approval which will then become null and vold.

## §2.913 Fees for type acceptance or certification.

(a) An applia ation for trpe acceptance or for certification must be accompamied by the combined niling and frant fees prescrihed in $\$ 1.1120$ of this chapter.
(b) If the applacarion is withdrawn, denied or dismissed and nog grant is issumd, the grant fee that had been paid will be refunded pursuant to $\$ 1.1103(c)$.

## $\S 2.915$ Grant of application.

(a) The Commision will grant an application for tyle appoval. trax accoptance, or certitication if it finds from an examination of the application and supfurting data, or witer matter which it may officially nutce, that:
(1) The equipment is capable of complying with furtinent technieal standards of the rule part(s) under which it is to the operated: and,
(2) A grant of the application would serve the public interest. convenience and necessity.
(b) Grants will be made in writing showing the effective date of the grant and any special condition(s) attaching to the grant.
(c) Neither type approwal, trive acceptance nor certification shall attach to any equipment, nor shall any equipment authorization be deemed effectire, until the application has heen eranted.

## § 2.917 Dismissal of application.

(a) An application which is not in accordance with the provisions of this Subpart may be dismi. sed.
(b) Any application, upon written request signed by the applicant or his attornes, may be dismissed prior to a determination granting or densing the authorization requested.
(c) If an applicant is requested by the Commission to file additional documents or information and fails to ahmit the reoguested material within 60 days, the application maty be dismissed.
(d) An application for tspe approval which has been accepted by the Commission in which the equipment required to be tested is not received he the Commission's Lahoratory within six months following the date of the application, may be dismissed.

## §2.919 Denial of application.

If the Commussion is unable on make the findings specitiod in §o? 1.nat, it will dens the application. Notitication in the apjlicant will include a statement of the reasons for the denial.

## §2.921 Hearing on application.

Whenever it is determined that an application for equipment authorization presents suhstantial factual fucstons relating to the qualifications of the applicant or the equipment for the effects of the use thereof), the Commiss inn may desimate the application for hearing. A hearing on an application for an equipment authorization shall be conducted in the same manner as a hearing on a radio station application as set ont in Sulhart 1 B of l'art 1 of this chapter.
§2.923 Petition for reconsideration; application for review.
Yersons agerieved bs virtue of an equipment authorization action mar file with the Commission a petition for reconsideration or an apulication for review. Rules governing the filing of petitions for reconsideration and applications for reviow are set forth in §§ 1.104 and 1.11\%, respectivels. of this chapter.

## $\$ 2.92$ : Identification of equipment.

(a) Each equipment for which an equipment authurization has: been granted shall be uniquely identitiod With a name and type er madel aumber inscribed on a Nate or label. The detailea information to be inscribed on this plate or label is set out in the rules for the particular form of equipment authorization required.
(b) The identitication plate or label shall be permatnently affixed to the equipment and shall be readily visible to the purchaser at the time of purchase.
(c) Whare it is shown that a permanently afti:ced label is mot desirable or feasible, an alternative method of positively identifying the equipment may be used if apmoved by the Commission. The proposed alternative method of illentification and the justi tication for its use must be included with the application for the equipment authorization.
(d) The trpe or model number specified in the grant of equipment authorization will be identical to that assigned by the mannfacturer or applicant and given in the application for the equipment anthorization. This number shall consist of a series of Arabic numerals or capital letters or a combination thereof, and may include punctuation marks and spaces. The total of Arabic numerals. capital letters, punctuation marks and spaces in any assigned trpe or model number shall not exceed 17.
(e) The tyie or model number assigned to the equipment shall be one which has not been used previously in conjunction with the same name that will le on the equipment.

IONS CODE
Issigned to the Secretary of State
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-orporation
overmanent or by this state.
signed in the sucretary of State
Can lfanx of the Finameat fondr.
anall Creedit linoon Alministration
he Deparmant of (orphorations.
d by Stats.107f, c. 1s
Amendment. Included certificates e accounts of credit unions.

## S mnovisions

ace with act: prohibition.

ก. 967 , p. $22 \div 9,81$.
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Copjright and Literary Property I
ice with act; prohibition
the making of, ans reference to
bereof to ans person or circumthe title and the application of 3 shall not be affected therebs.

## ELING [NEW]

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923, p. 2029.8 1.
ment Services Contracts, et 8 cq .
ss or additions by amendment
§ 22410. Definitions
The following terms, as used in this chapter, have the meaning expressed in this section:
(a) "Appliance" means any new telesision, ratio, andin or viden recorbor, or n! yback device normally used or voll for we in the home or in a private-motor inhicle, or any new refriperator, frewzer, ranze, oven, washer, dryer, dishwasher, room air conditioner, or sewing machine normally used or sold for use in the home, or any new typewriter, adding matchine, calcuhator, or other similar machace, or any electrically operated tool, any of which appliances have a manufacturer's invoice sale valime of fifty dollars $(x, y)$ or more.
(b) "Manufacturer" means any individual, nartnership, corporation, association, or other legal relationship which is involved in the manufacture, assembly, or production of an appliance or whoce brand name apprars on any appliance. The term "mamufacturer" also means ams agent, represeutative or distributor of a manufacturer who sells, transfers, or exchanges an appliance to or with a retailer. (Added by Stats.1975. c. 923, p. $2029 . ई 1$. )

Section 2 of Stats.1975, c. 923, D. 2030, as amended by Statsi977. c. 14, p. - 3 provided:
"The provislons of this chapter shall be-
Librapy references
C.J.s Trade- Marks C.J.S Trave- harks, 1 ra
serlal number; contents of warranty,
s 22411. Manufacturer's requirements: manual or card
No manufacturer shall sell any appliance in this state unless such appliance has * * been permanentls marked with a serial number unique to * * that appliance. A marking that is required to be permanent shall be molded, diestamped, or paint-stenciled or stamped ar etched on metial that is perm anentlr secured or indelibly stamped on pressure seasitive labels secured ly adbesire that is adequate and suitable for permanent application.

Every manufacturer of an appliance to be sold within this state shall provide on the firct page of the warranty or instruction manual, or * * on a siparate card, a descrijtion of the appliance providing a space thereon for recordinz ile model number and serial number, the description of the location of such numbers on the appliance, and instructions to the final purchaser of the appliance to record and retain such numbers.
(Added bs Stats. 1975 , c. 223 p. 2029, \& 1. Amended bs Stats. 1977, c. 44 . p. urgencs, eff. Mas 10, 197 , operative April 1, 1977.)

Section 1 of Stats.1979, c. 19, D. - urgency. eff. March 25. 1977, provided:
"Notwithstanding any other provision of law. Section 22til of any other provision of law. Section Code shall apply to radtos installed at the factory of an automobile manulac. turer or to radios which are replaced by such factory radios only on motor vehicles which are manuiactured on and after Sep tember 1. 1977."
Section 4 of Stats.1977, c. 44, D. - provided:
"The provisions of this act shall become operative on April 1, 1977."

## S 22411.2 Application of $5 \mathbf{2} 2$ 411; motor vehicle radios

The prorisions of Section 22411 shall not app!y to factory or dealer instalin! radios installed in a new motor vehicle or to radios installed in a motor rebate by a dealer to replace such factors or dealer installed radios.
(Added by Stats.1977, c. 44, p. - 2 , urgency, eff. May 10, 1977, operative April 1 , 1977.)

1977 Amendment. Omitted in the second paragrash the phrase "if no manual is provided" following "or" and substantially $r$ ewrote the first paragrach, which previcusly read:
reado manufacturer shall sell any appllance in this state unless such appliance has embossed or permanently stamped or cast
on its trame. or imprinted or stamped upon a plate which is permanently aifixed in such appllance a serial number unique to the particular appliance.

## INDEX TO

BUSINESS AND PROFESSIONS CODE
See last volume of Code
$\dagger$
Asterisks * - Indicate deletlons by amendment

Subjest Minutes of the Mattel/GTE Meeting of February 9, 1979

Date February 12, 1979

To * R. Asplund
R. Aukerman

* G. Ault
J. Ballotti
D. Bogart, Mattel
C. Brouse
D. Chandler, Mattel
H. Cohen, Mattel
* G. Derr
* J. Dorin
* F. Fedorko
G. Gopal
* L. Holt
* J. Hunt
* J. Knopp
C. Perry, Mattel
* J. Robertson
* A. Secor, Mattel
* S. Sisak
* R. Smith
H. Sprankle
D. Stone
A. van der Lek
A. Wellisch, Mattel
* indicates attendees
I. DiagnosticTester AI Secor discussed the need for, and requested GIE assistance in obtaining a proposal for a diagnostic tester, which would be funded by Mattel, from G.I.
II. Burn-in The following is a summary of the approach to be used to determine infant mortality and long range reliability predictions:

1. Stress Testing A small quantity of units (3-15) from February production will be used to determine the upper temperature and voltage limits for reliability testing.
2. Reliability Test A quantity from February production of 100 units in sub-groups of 20 each operating at the limits established in the stress testing analysis until $50 \%$ failures are achieved.
3. Data Analysis Statistical analysis from the data obtained hourly during the reliability test will provide the infant mortality and long range reliability predictions.
4. Application The infant mortality information obtained from the analysis of the reliability test will provide the base for establishing the credibility of the $100 \%$ production testing of the Logic Boards at elevated temperatures.

GTE will provide a quote for this project by Friday, February 16, 1979.
III. Review of F. A. Fedorko Telecopy of February 5, 1979 and H. Cohen Telecopy of February 7, 1979 re. problems that need resolution in order to build 250 units in February.

1. Mattel authorized GTE to build 50 Power Supply Boards per artwork that was telecopied to Mattel and amended by telecon from D. Chandler to B. Asplund to include a redundant ground trace. Mattel needs a print of the artwork and one assembled P.S. Board to approve the design for production.
2. Artwork for Logic Board was picked up at G.I.'s vendor on February 8, 1979.

Minutes of the Mattel/GTE meeting of February 9, 1979 February 12, 1979
Page 2 of 4
3. Mattel waived need for top and bottom R. F. Shields on first 50 units, and will send drawings by February 20 for sourcing, not buying, additional parts.
4. Re. Inlay Plain, Inlay Colored and Inlay Disc:
a. Mattel will provide color patch for gold. GTE needs date.
b. After a telephone review with D. Chandler and C. Perry on the use of Mylar vs. Aluminum, Mattel selected $.010^{\prime \prime}$ thick aluminum inlays.
c. Mattel will supply graphics within a week.
d. Mattel has advised that UL and CSA approvals are not required.
5. Serial No. Label and F.C.C. Label Graphics will be supplied by Mattel within a week.
6. Re. Plastic Parts:
a. Bob Asplund identified the reinforcing ribs on Rev E cover parts that do not match location on Rev E Drawings.
b. Mattel will supply GTE with most recent prints of plastic parts and tooling. GTE needs date.
c. East Coast Molding is estimating the tooling capacity of the base and cover at 2,200 units/day which is considerably short of requirements.
d. Per Telecon between D. Bogart and J. Ballotti on February 2, 1979, the color of the push buttons will remain black, and the color of all other plastics will be brown per Poly Chrome Formula P/C79 B-7129.
e. Confirming Telecon between D. Bogart and J. Ballotti of February 9, 1979, Mattel will ship tooling on February 16, 1979. GTE will advise destination on or before February 13, 1979.
7. GTE will continue to expedite modulaters.
8. GTE will continue to expedite screws.
9. Transformers have been submitted for UL approval, which is expected mid-February. Mattel will waive UL approval on first 50 units if necessary.
10. Mattel authorizes Rev 1-29-79 to parts list and asked GTE to identify any obsolescence charges and materials. GTE will respond by February 16, 1979.
11. Re. Chomerics Circuit Assembly approval, Mattel needs drawings and pre-formed parts from Chomerics for approval and approves supply of first 50 to GTE in parallel with approval samples to Mattel.

Minutes of the Mattel/GTE meeting of February 9, 1978 February 12, 1979
Page 3 of 4
12. 9-pin Connector delivery remains at March 1, 1979.
13. Mattel has advised that impeller tooling will support production quantities required. Mattel will supply 500 impellers to GTE. GTE needs date.
14. Mattel will source fan bracket and grommet from pilot quantity and will coordinate through Alex Wellisch. GTE needs date.

13 \& 14. A. Secor advised of the $90 \%$ probability that the motor and associated parts will be eliminated. GTE Procurement will hold conmitments to best possible minimums.
15. A. Secor approved procurement of 500 plain boxes. Mattel will provide artwork for master carton and artwork for labor for individual carton. GTE needs date.
16. Keith Johnson has identified an East Coast (C1ifton, NJ) source for painting. GTE will visit week of February 11, 1979 and coordinate development of specs with Alex Wellisch.
17. Mattel will supply camera ready copy of instruction sheet and GTE will source. GTE needs date.
18. Original Transmission should have read "Poly Sleeve", not "End Cap".
19. End Caps are not tooled. A new drawing which eliminates $1 / 8^{\prime \prime}$ interference was mailed to GTE on February 9, 1979 per Telecon between D. Bogart and J. Ballotti. GTE will source.

With regard to long lead items, the Mattel exceptions to GTE submission are as follows:

Section A - The 11,000 increment (to 16,000 units)

1. Keep Fan Motor to best possible minimum.
2. Keep 18 pin I.C. Socket to 5,000 level.
3. Keep 28 pin I.C. Socket to 5,000 level.

Section B - The 45,000 increment (to 60,000 units)
No exceptions.
Additional long lead items from the missing page in the February 5, 1979 telecopy that require Mattel approval are:
C. The 70,000 unit increment (to 130,000 units)

1. 74LS27 IC 74-260913
2. 74LS125 IC 74-260914
3. 74LS00 IC 74-260941

Minutes of the Mattel/GTE meeting of February 9, 1979
February 12, 1979
Page 4 of 4
D. The 70,000 unit increment (to 200,000 units)

1. 74LS27 IC 74-260913
2. 74LS125 IC 74-760914
3. 74LS00 IC 74-260941

Lastly, an additional long lead item that was omitted on the February 5, 1979 telecopy for Sections B, C, and D out to 200,000 units, is:

1. 256 X 8 RAM 3539 74-260911

Also discussed in the Telecon with C. Perry and D. Chandler was the use of Nytronics RFC-SS-10 chokes rather than Nytronics RFC-L-10 chokes for L1, L2 and L3 on the Logic Board. Bob Asplund explained that the change was necessary since the RFC-L-10 chokes did not physically fit on the Logic Board.
D. Chandler requested and Bob Asplund has verified that the new Logic Boards are designed for the use of Nytronics RFC-SS-10 chokes. GTE needs a parts list revision confirming the specification of these chokes.
IV. Other Items

1. Disposition of first 50 units:
a. 15 w/o I.C. Sockets to G.I.
b. 15 with I.C. Sockets to G.I.
c. 3 for stress testing to GTE
d. 17 to Mattel
2. Worst Case Tolerance Analysis

There was agreement on the need for this analysis, and that it should be performed by G.I. GTE regards it as a prerequisite to accelerated production.
3. G.I. Chip Tester

Availability date now estimated to be March 19.
4. Testing First 50 Units
A. Secor expressed his desire to have G.I. personnel at GIE during testing of the first 50 units and requested that we advise him of the date that they should be here.

F. A. Pedorko

Program Manager

TO:
Alan Secor
FROM: Howard I. Cohen
SURJ: GTE Meeting of $2 / 19 / 79$

The following details the main subject matters discussed between myself and the management of GTE Sylvania at the referenced meeting.

As indicated by underlines, there are a number of actions required hy Mattel to ensure contract compliance and maintain schedule continuity, cost parameters, or commitments.

I would appreciate your earliest response, as necessary.
I. SYLVANIA FAR I:AST LIMITED (SFEL). Apparantly, SFEL management was under the impression, via a mecting betwecn Fd , Jeff, yourself, and ken Greenberg, that Mattel vanted them to anote on producing the PAL version of the Video and they were awaiting a complete drawing package.

Since this "package" is not available, I told them to quote on the U.S.A. version for concurrent or following vear production and to obtain specifications from GTE in Muncy.

SHEL is arranging for Jeff Rochlis to attend their vorld-wide product management review meeting and to give a physical demonstration of the video. SFEL necds Jeff to call and confirm availability ASAP.
II. CONSOLE LAPELS. I have carried samples of mylar and aluminum labels to VD. Ny own observations are that the $7-m i l$ mylar label is clearly less costly, less apt to show marks or scratches, will require less forward commitment, will produce less scrap during production, and is more durable. Cosmetically, the brush mylar is as expensive looking as the frush aluminum.

Additionally, I observed that the present Mattel designed lahel does not fit properly around the cutouts. Sylvania's mylar vendor will redesign at no cost to ensure a proper fit. A decision on the type and sunervision of a redesign of the latel is required.
III. END CAPS (foam). According to Sylvania, the cnd cap designed hy Mattel will not release from the mold. GTE will redesign the end cap, at no cost, and guarantees protection desired and less cost. Someone from product $k n g i n e e r i n g$ should supervise this action.
IV. FAN MOTOR AND ASSEMBLY. Lead times and minirum order auantities for the fan motor may require a 20,000 blanket order commitment. The fan motor specificd has not been approved.

At present, 125 units are due $2 / 26 / 79$ and 125 pieces are due 3/7/79. Sylvania has been told that 30 h hours of testing on the motor specified has been completed, hut no approval received. Lead time, using airfreight, is 9 weeks. Wc are attempting to reduce quantity and lead time, but may not be successful. Approval to commit to 20,000 , following approval of the motor, should be reviewed immediately.
V. BURN-IN AND RELIABILITY PROGRA!: Sylvania has urgently requested a meeting between Mattel Engineering, G.I., and themselves to resolve reliability program definition (including burn-in methods and testing levels. According to Sylvania, a tentative mecting was scheduled for $2 / 26$ and 27 hy yourself.

The urgency of the meeting is precipitated by the limited availability of Dave Christian, a TV Division reliability engineer that is an expert in this field. He is unavailarle after $3 / 1 / 79$.

Sylvania requests your immediate confirmation of the planned meeting.

It is important to note that the costs of this test program are not included in the present price. Additionally, the true cost impact can not be determined until after the infant mortality data is accumulated and analyzed (essentially phase Il of this program).
VI. PLASTICS. Sylvania has not received color information for the console and are confused about direction to follow. The prints call for a hlack console and they did receive a hlack color formula. However, the samples provided to them were brown. They have been told the console will be hrown (unverified source) but have not received a color chip. The prints should re undated or verified and proper support provided (color chip) immediately.
VII. PLASTICS TOOLING. According to Sylvania, FC! $\quad$ has stated that the housing tools can produce a maximum of 2200 units per week. The tool plan originally stated a 3750 per week Run Rate and the production schedules negotiated were hascd on this rate as the limiting item. This rate does not support the schedule as presently detailed in the contract and as modified for amendment to the contract per the information provided by you. Sylvania could requote labor costs if the schedule is reduced (as a design change). The true running rate and/or a plan for banking parts should be determined immediately. Additional longterm capability analysis should also be made.

Page 3
Feh. 21, 1979
GTE Meeting of $2 / 19 / 79$
VIII. CONNECTOR TOOLING. Circuit Assembly does not provide line tooling for connector wiring attachment. No tooling vas planned or is available. I've instructed them to design and auote tooling necessary. Production Engineerin. should suncrvise the design and evaluate the costs (make or buy, as well).

TX. BASE PRICE INCREASE OF $\$ 4.62$ PER UNIT. The increase of 5942 M was challenged. A breakdown of changes was provided by Sylvania. I will have the costs evaluated and negotiate as appropriate. I need a cognizant engineer to review the changes listed for accuracy. Additionlly, recent changes (wh ch will be the basis for amendment number 3) should be reviewed and costed prior to Sylvania's request for an increasc and concurrent with the present change to provide negotiation leverage.
X. PROTOTYPE BUILD COSTS. A $\$ 1,000$ savings was made by questioning the basis for costing. The price of $\$ 280$ per unit was reduced to $\$ 260$ per unit. I would like to suggest that future commitments be quoted and negotiated if time permits. A Purchase Order is needed to enable Sylvania to ship these to G.I. ner the schedule requested by Mattel. I authorized shipment without paperwork.
XI. INCOMING CHIP TESTING. Present costing (contract price) includes an incoming sampling of chips using a G.I. supplied tester. Any additional testing will have a cost impact. Additionally, kitting of chips, if required, will have a cost impact as well as a scrap or rejection impact at incoming and on-line. Mattel's plans should be defined soon as these actions will also impact the pendingG.I./Mattel Purchase Agreement negotiations.
XII. SHIELDS. Sylvania claims that you commited to supplying drawings for shicld sourcing by $2 / 20 / 79$. To date, they have not received any drawings.
XIII. CHOKES. Sylvania claims that they have conflicting verral directions on choke resistance levels, including waivers for initial production. These specifications should he detailed and confirmed in writing.
XIV. PCB PRODUCTION. Sylvania will provide me with EOQ's and their volume production plans so that Mattel can analyze in relation to potential cost reduction redesigns (without incurring costs for obsolescence or low-volume production).
XV. CARTRIDGE PCR'S. Sylvania has multiple directions for initial production of cartridge PCB's. They have guessed at a 200 piece quantity, with artwork annroved by Perry on $2 / 16 / 79$. The cost is quoted at $\$ 1.50$ each hoard with $\$ 425.00$ tooling. They. need a Purchase 0rder to support production. Per your request, they quoted 5000 of these boards, per their redesign, at $\$ 1.20$ cach. They stated that leadtime is critical. The price is for bare boards only. An asscmbled price can not be quoted without purchasing'sodirection on material parameters.

I will instruct Chi Wang to detail the assely situation. Basically, this will include consigned POM's to be $100 \%$ tested, supplicd plastic and paper and packaging, and will involve the football cartridge only. Simultaneously, I will have Denny Bogart lay out a schedule for the earliest possible supply of parts. The costs for assembling will he quoted by Sylvania within 3 days of receipt of the information.

Sylvania wants to requote the entire cartridge business again. They claim that they did not get a fair shot. Purchasing did give them ample opportunity to requote their prices and even lent them aid. However, another costing exercise will be performed to satisfy their request and to cnsure that Mattel is getting the best value.

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- end -
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Other subjects, including FCC build plan and schedule and 22 unit prototype costs and uses, were discussed. None of these require immediate action and it is my understanding that you are aware of the plans and decisions made.

If you have any questions, please contact me.
cc: Fred Held
Jeff Rochlis
Denny Bogart
Dave Chandler


## MATT든 ㄷLㄷTRDILㄷ

February 22, 1979

TO: Howard Cohen
EROM: Clif Perry C.P?
SUBJECT: COMPONENT APPROVALS

Please inform GTE CMO that the following Intellivision components are approved and production purchasing may begin:

| 2609-0640 Rev A | Motor | Supplied by Mabucci |
| :--- | :--- | :--- |
| $2609-9589$ | P.R. | Circuit Matrix |
| $2609-6379$ | P.R. | Legend, Domed |
| $2609-4019$ | P.R. | Spacer, Mylar |

CP/1w
cc: Dave Chandler


## MATEE ELEETROMLES

February 23, 1979

T0: Arnie Fine
FROM: Clif Perry C. P.
SUPJECT: INTELLIVISION PACKAGING PROBLEMS

In conversations with the purchasing department at GTE Sylvania (assembler of our Model 2609 Intellivision Game) the following items related to our packaging have come up and need attention from our physical design group.

1. 2609-0810 Rev A end cap - GTE's suppliers say that part is over-designed for application and the rib design causes tool problems.

They are going ahead with one of their suppliers to design a whole new end cap which will be cheaper and still do the job. Samples for our appraisal will be ready in a few days.
2. 2610-0910 Rev C cartridge box - dimensions on drawing do not agree. The over all flat part length of $2413 / 16$ inches does not agree with the cumulative dimensions of the individual panels.
3. 2609-0970 label - GTE's suppliers claim we have specified a paper that is too heavy and they fear cracking at the corners.
4. They have no information as to how we intend to pack the various items inside the individual carton such as $R F$ cable, cartridge, antenna switch box and instruction book.

Would you contact John Knopp at (717) 546-3191 at GTE Sylvania and follow through on these items.

CP/1w


