

STANFORD UNIVERSITY

AUG 29 1983

TECHNOLOGY LICENSING

R374

TLX 0340 PDT 08/26/83

0640 EDT
STANFRD STNU
DR

TELEX TO STANFORD UNIVERSITY
FROM NIPPON GAKKI HAMAMATSU

AUG 26, 1983

NO. 701

ATTN: MR. NIELS REIMERS

RE: FM PATENT LICENSE

THANK YOU FOR YOUR RESPONSIVE
1983-08-25 TLX.

ALTHOUGH WE HAVE NOT YET REACHED OUR PROPOSING
MODIFICATION DRAFT, I HEREBY TRANSMIT THE POINTS
WE ARE TAKING INTO CONSIDERATION FOR SOME HELP
TO YOUR MAKING SUGGESTION.

(1) THERE CAN BE VARIOUS KINDS OF TATUSES
UTILIZING THE FM INVENTION ACCORDING TO MUSICAL
DEVICE FACULTY PERCENTAGE. A IS SOMETHING LIKE
A SUBSTANTIAL MUSICAL INSTRUMENT WHOSE MAJOR USE
IS MUSICAL PERFORMANCE. B IS SOMETHING LIKE A
COMPUTER WHICH CAN BE USED ACCORDING TO SOFTWARE
FOR PERFORMING MUSIC EITHER UNDER MANUAL CONTROL
BY KEYBOARD OR AUTOMATIC REPRODUCTION BY MEMORIZED
DATA. C IS SOMETHING LIKE A GAME MACHINE WHICH
EMITS SOUNDS FOR RESPONSIVE REALITY EFFECTS.

USES 1. Musical system
A. Instrument for performance
B. Computer
C. Game machine

(2) APPARATUSES CAN BE BUILT IN VARIOUS NUMBER
OF PIECES. A IS SIMPLEST CONSTRUCTION IN SUBSTAN-
TIALY ONE PIECE OF CABINET. B IS SYSTEM GOOD AS
SELECTABLE ASSEMBLY OF ACCESSORY UNITS LIKE A
PERSONAL COMPUTER COMPRISING CPU UNIT CONNECTED
WITH TONE PRODUCTION UNIT AND MUSICAL KEYBOARD
UNIT. C IS COMPATIBLE CIRCUIT PACK LIKE TONE
GENERATOR ROM CARTRIDGE WHICH IS ON MARKET FOR
CONSUMERS AND CAN BE PLUGGED INTO CPU UNIT.
D IS CIRCUIT ELEMENT LIKE TONE GENERATOR LSI WHICH
WILL BE SUPPLIED TO SET MANUFACTURERS.

APPARATUS 2. Partial systems
A. Subassy? Cabinet
B. Assembly of units such as:
PC CPU, tone production
unit, + keyboard unit
C. Circuit "pack" like
Tone generator ROM
Cartridge
D. Circuit "element"
like tone generator
LSI

(3) ROYALTY COLLECTION CAN BE IN VARIOUS WAYS.
WE HAVE NOT CONCEIVED OF EXCELLENT ONE WHICH IS
SIMULTANEOUSLY FAIR, RATIONAL, UNCOMPLICATED AND
CLASSIFIABLE TO SOME EXTENT. BUT APPROACH MIGHT
BE FROM CONDITIONS SUCH AS BELOW. ROYALTY CAN
BE SIMPLY 0.5 PERCENT OF ANY TYPE OF UNIT WHICH
INCLUDES FM CIRCUIT IRRESPECTIVE OF CATEGORIES
OF PRODUCTS. ROYALTY FOR ENTIRE MUSICAL INSTRUMENT
CAN BE 0.5 PERCENT AND THAT FOR PARTIAL MUSICAL
INSTRUMENT CAN BE ANOTHER PERCENT OR FIXED DOLLAR.
ROYALTY CAN BE COLLECTED FROM ONLY CONSUMER
PRODUCT MANUFACTURERS (SET MAKERS) AND NOT FROM
LSI MANUFACTURES.

ANYWAY WE ARE MAKING EFFORTS TO FORWARD SOME
PROPOSAL. YOUR SUGGESTION IS OF COURSE WELCOMED.

REGARDS, MAKI KAMIYA, PATENT CHIEF.