

8/13/81

Notes on Conversation with
John Harvey and Jim Cuddihy
on August 11, 1981

Purpose of our meeting was to
discuss distinctions between
Harvey - Cuddihy system
and disclosure of Patent
No. 4,025,651.

Following points were made:

'851 Patent discloses monitoring
one channel at time. Harvey
et al system scans a series
of channels in sequence and
gathers data based on
sequence signal. Harvey et
al. system examines a
distinct line in coded
broadcast. Moves to next
channel on synch. signal.
Harvey et al. system can
readily and acquire data
at same time.

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Harvey et al system will
dump data on command
or deliver data by presump-
tion. Harvey et al
system had no expectation
that data to be recorded will
exist in each channel.

Harvey et al. system is
designed for much more

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data from '851 disclosure
and its clock consistent
with greater data.

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① ~~Single System~~

② ~~Need to coordinate computer~~
~~plan~~

Additionally, it is the object
of this invention to permit
simultaneous communication
and of multi-systems
systems with ~~many~~
many elements of ~~the~~
external equipment.

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The operation is a cipher
where the encoded signal
is being ciphered and the
~~operation~~ is a decryption
means for deciphering the
said signal.

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- 10 ^{an} the method of processing signals including:
- (a) the step of receiving a carrier transmission;
 - (b) the step of demodulating said carrier transmission to detect an information transmission thereon;
 - (c) the step of detecting ^{and identifying} ~~an~~ embedded signal in said information ~~signal~~ transmission;
 - (d) the ^{step} ~~process~~ of passing said embedded signal ~~as to~~ ^{to} a device to be controlled based on ^{the} instructions identified within said embedded signal;
 - (e) the step of controlling said device based on ^{the} instructions within said embedded signal.

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11 ~~The~~ method of processing signals as claimed in claim ~~including~~ including the step of decrypting ~~an encrypted~~ ~~the~~ embedded signal, and

12 the step of decrypting an encrypted information transmission.

13 A method of processing signals claimed in claim ~~including~~ including the step of removing ~~a portion~~ ^{a portion} of ~~the~~ ~~an~~ ~~signal~~ ~~detected~~ and identified embedded signal. ~~and the step of removing~~

14 ~~including~~ ~~the step~~ ~~of adding a signal to~~ ~~the information transmission~~ ~~signal~~

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— The apparatus in claim 5
including
~~which includes~~ means for
~~receiving~~ receiving and
detecting ^{signals} embedded in a plurality
of carrier transmissions.

④

a control means for instructing
said receiving means to receive
~~the appropriate communication~~

the appropriate communication
within said predetermined time
and interval; and

⑤

a control means for instructing
said
~~the~~ detector means to
~~detect~~ detect the presence
or absence of the said
encoded signal within said
predetermined time and interval;

a control means for instructing
said recorder to direct
the information recorded
thereon to a remote site.

(A) a control means for instructing
said receiving means to receive
~~the appropriate communication~~
the appropriate communication
within said predetermined time
and interval and

(B) a control means for instructing
said ~~the~~ detector means to
~~detect~~ detect the presence
or absence of the said
encoded signal within said
predetermined time and interval;

a control means for instructing
said recorder to direct
the information recorded
thereon to a remote site.

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~~computer~~
~~computer~~
a buffer means means for
receiving signals and encoded
signals with said encoded
signals from other detector
means into a data stream;

— — — said stream;

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2. In a signal processor, comprising:
~~at least one~~ ^{transmission} ~~or~~ ^{receiving} means;

~~a means for demodulating~~
~~which ^{transmission} ~~is~~ ^{the} ~~information~~~~

~~as to detect at ^{information} ~~signal~~~~
~~thereon;~~

~~at least one~~ ^a detector means for deter-
mining the ~~presence~~ ^{presence}
of an ^{encoding} signal on
the information transmission;
~~with ^{predefined} ~~threshold~~~~

~~a ^{means} ~~for~~ ^{processing}~~
~~and ^{for} ~~outputting~~ ^{the} ~~signals~~~~

~~a ^{means} ~~for~~ ^{recording}~~
a recorder for recording and ~~outputting~~
recording the presence or absence
of said encoded signal;

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~~Transmitted information;~~
~~control~~
 a control means for instructing
 the circuit to ~~send~~ identify
 and ~~send~~ the ~~send~~ encoded
 signal; and
~~send~~
 a control means for receiving
 said ~~send~~ encoded signal
 as a result of the instruction ~~from~~
 said ~~send~~ first control
 means ~~and for~~ ~~transmission~~
 instruction ~~that~~ information ~~transmission~~
~~say~~ ~~into~~ ~~transmission~~
 contained in said encoded signal

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