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Chiral Reflection

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Chiral Reflection

for solo flute & electronics

by

Alyssa Regent

Submitted in partial fulfillment
of the requirements for the degree of
Master of Arts in Music Composition, Hunter
College
The City University of New York

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04/26/2022	Suzanne Farrin
Date	Thesis Sponsor
04/26/2022	David Fulmer
Date	Second Reader

GENERAL

Accidentals apply only to the note they immediately precede, with the exception of tied notes.
All grace-notes occur before the beat (unless otherwise notated)
"L.v"; laissez vibrer, let ring until natural decay
ord. (ordinary), return to normal playing technique

◇ Empty diamond-shaped noteheads: play with air in tone.

w.v wide vibrato

o.b overblown

bisb. bisbigliando trill

 key trill

\+ pizz like, tight and aggressive.

Microtonal Accidentals:

 raised by a quarter tone from the sharp.

 raised by a quarter tone from the natural pitch.

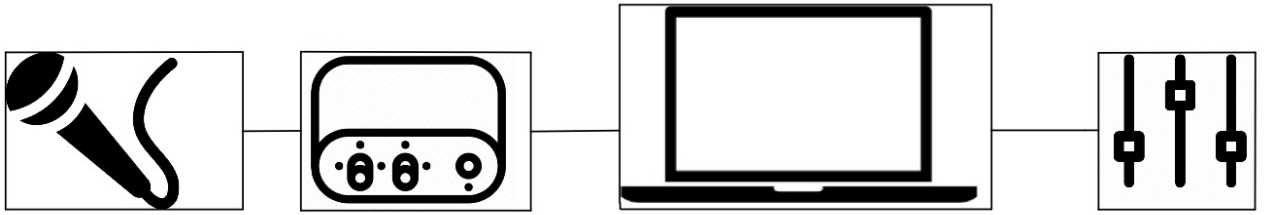
 lowered by quarter tone from the natural pitch.

 lowered by a quarter tone from the flat.

ELECTRONIC SET UP

Electronics Notation:
The three electronic component of the piece are each represented by a colored line indicating both what parameter to use, its lenght and intensity.
GREEN indicates DELAY
BLUE indicates REVERB
PINK indicates HARMONIZER.

Software used: LOGIC PRO X.
MIDI controller : only 3 faders/knobs are necessary



Electronics Parameters:

REVERB has to feel full and long. When used it should blur pitch perception as much as possible.

DELAY more or less dry and quick. it acts as punctuation to a phrase/gesture.

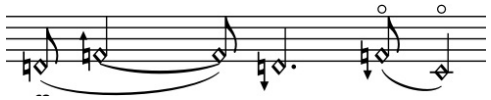
HARMONIZER is set on 3 pitches :
Harm 1: 5 semi tones up, 72% mix.
Harm 2: 4 semi tones up, 52% mix
Harm 3: -12 semi tones, 70% mix

ADDITIONAL INFORMATION

Chirality:
The word chirality is derived from the Greek χειρ (kheir), "hand". An object or a system is chiral if it is distinguishable from its mirror image; that is, it cannot be superimposed onto it.

Reflection:
1. the return of light or sound waves from a surface
2. the production of an image by or as if by a mirror

Loon Wail:
The wail has been rumored to be a contact call, often given by mates to find one another.

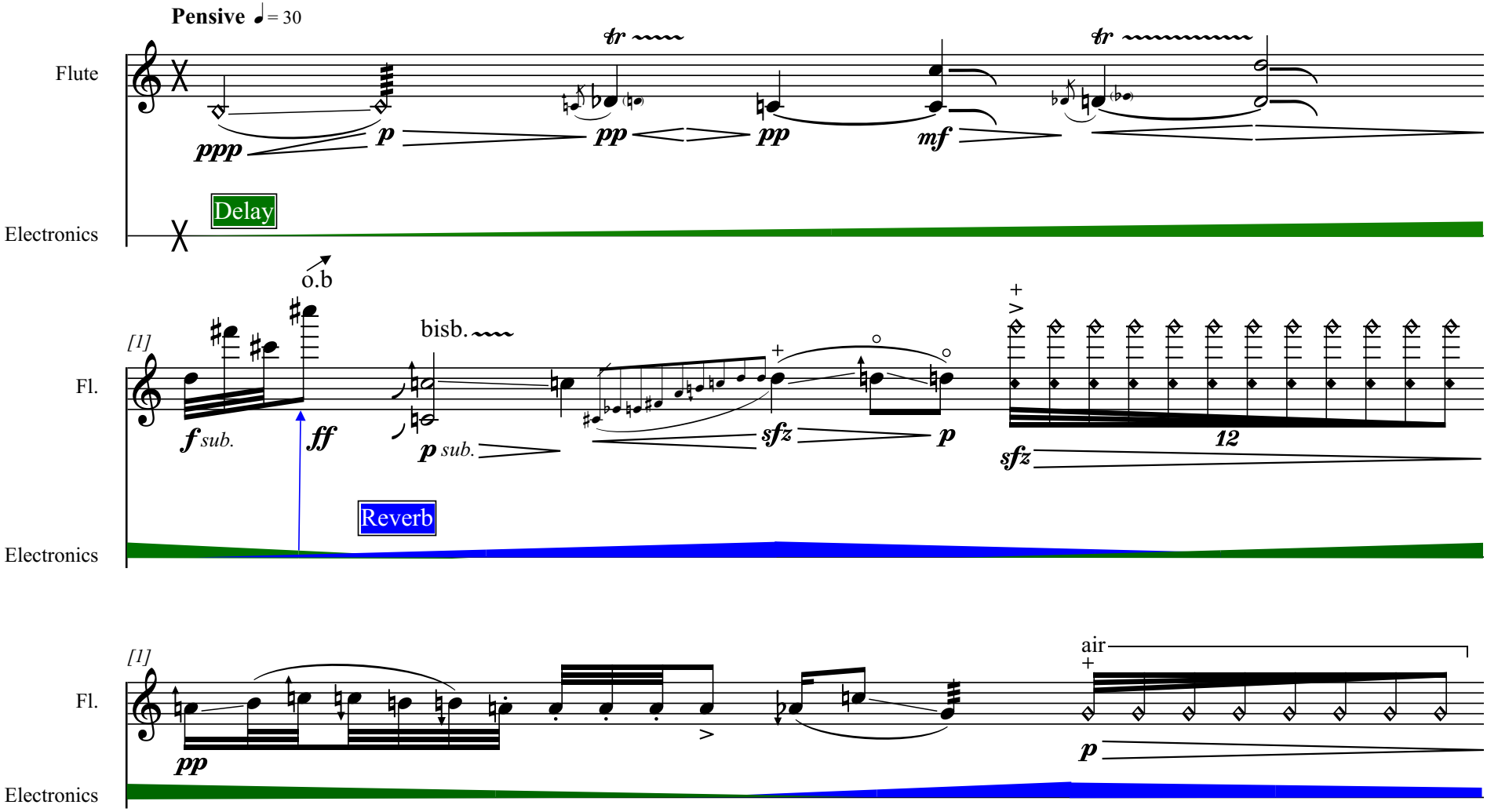


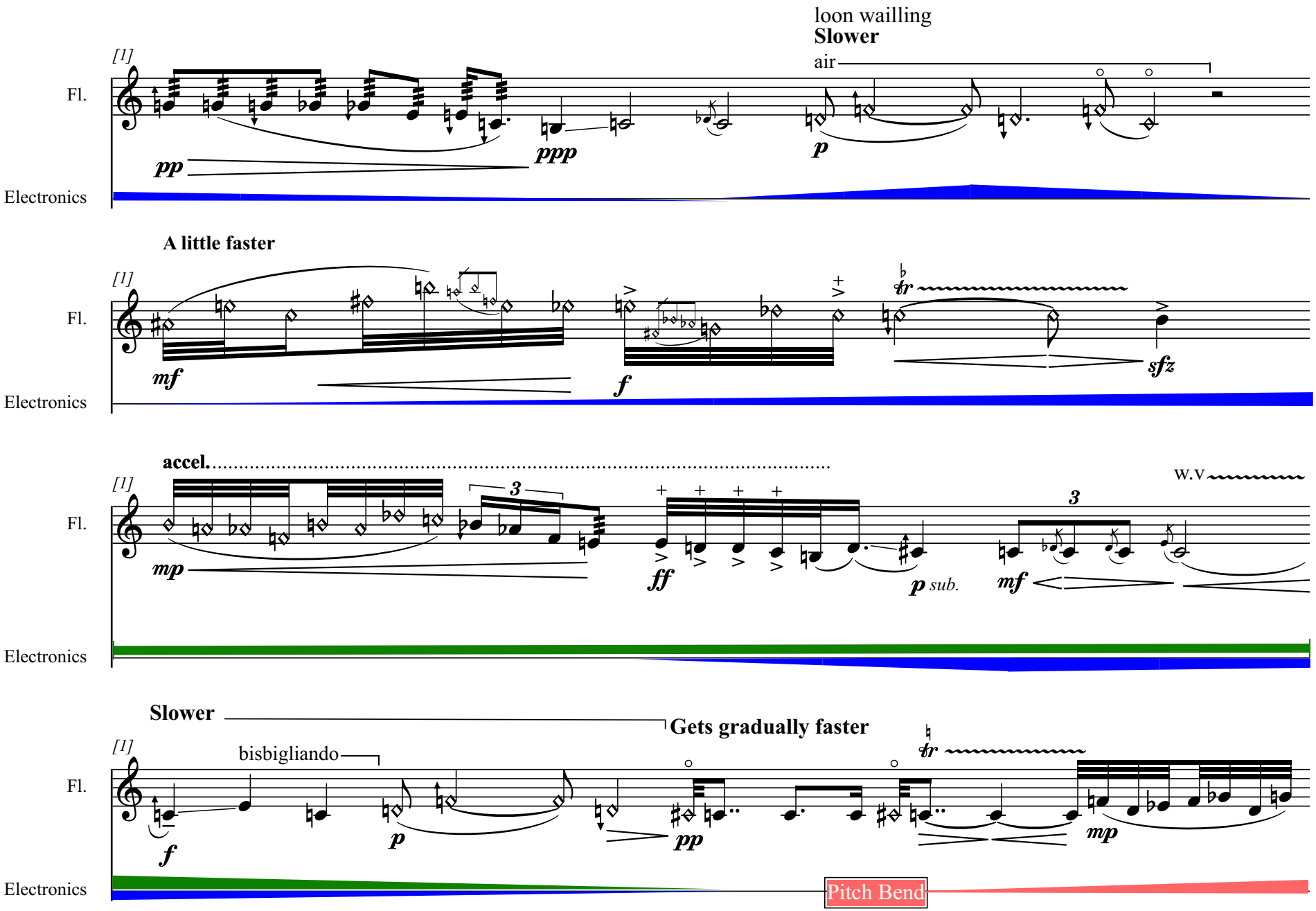
All transitions should be made as seemless as possible.
Reverb (even while not represented in the score) should never be completely absent but used at very low levels. Reverb should never completely overwhelm the flute.

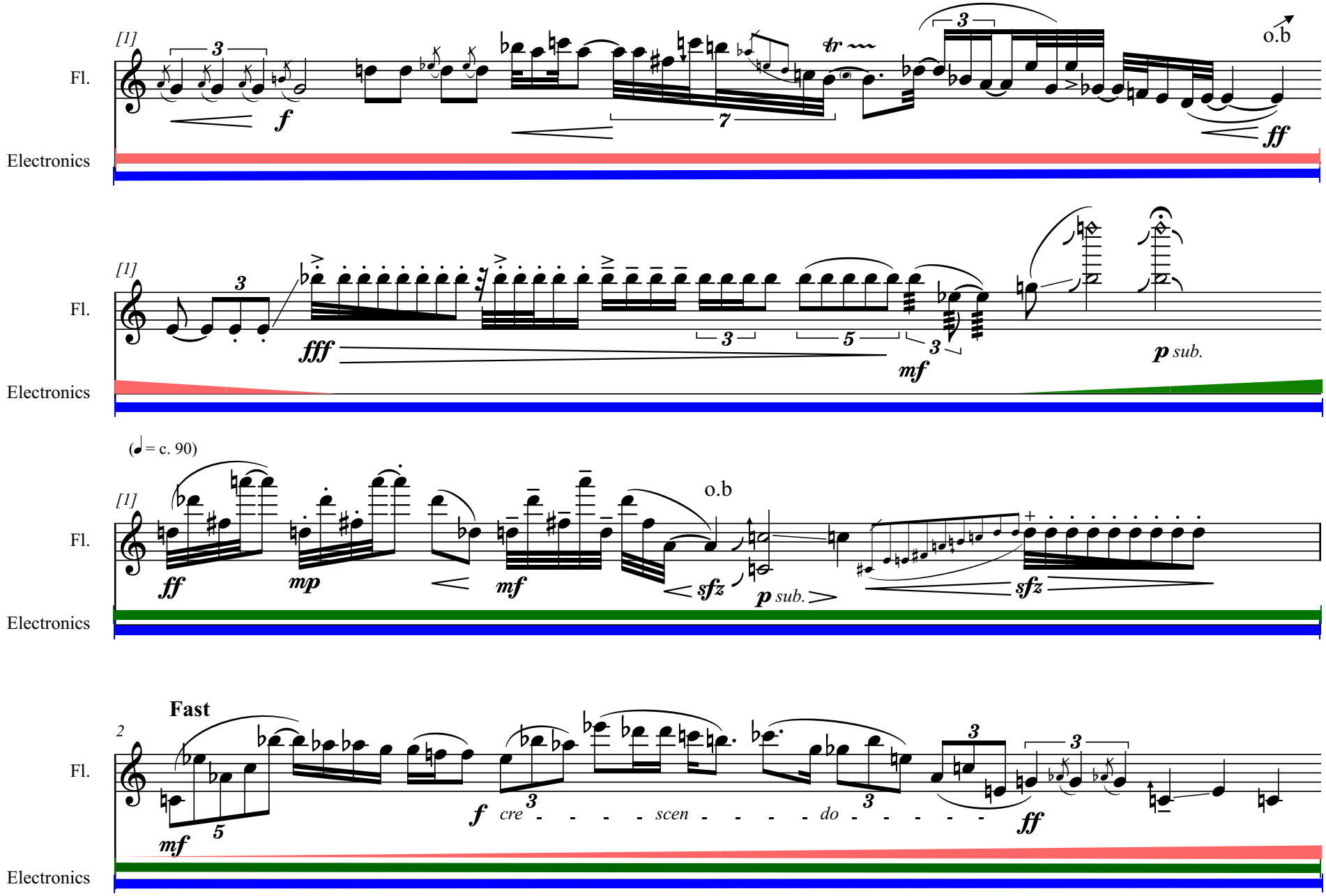
New York 11377, U.S.A
All engraving by the composer

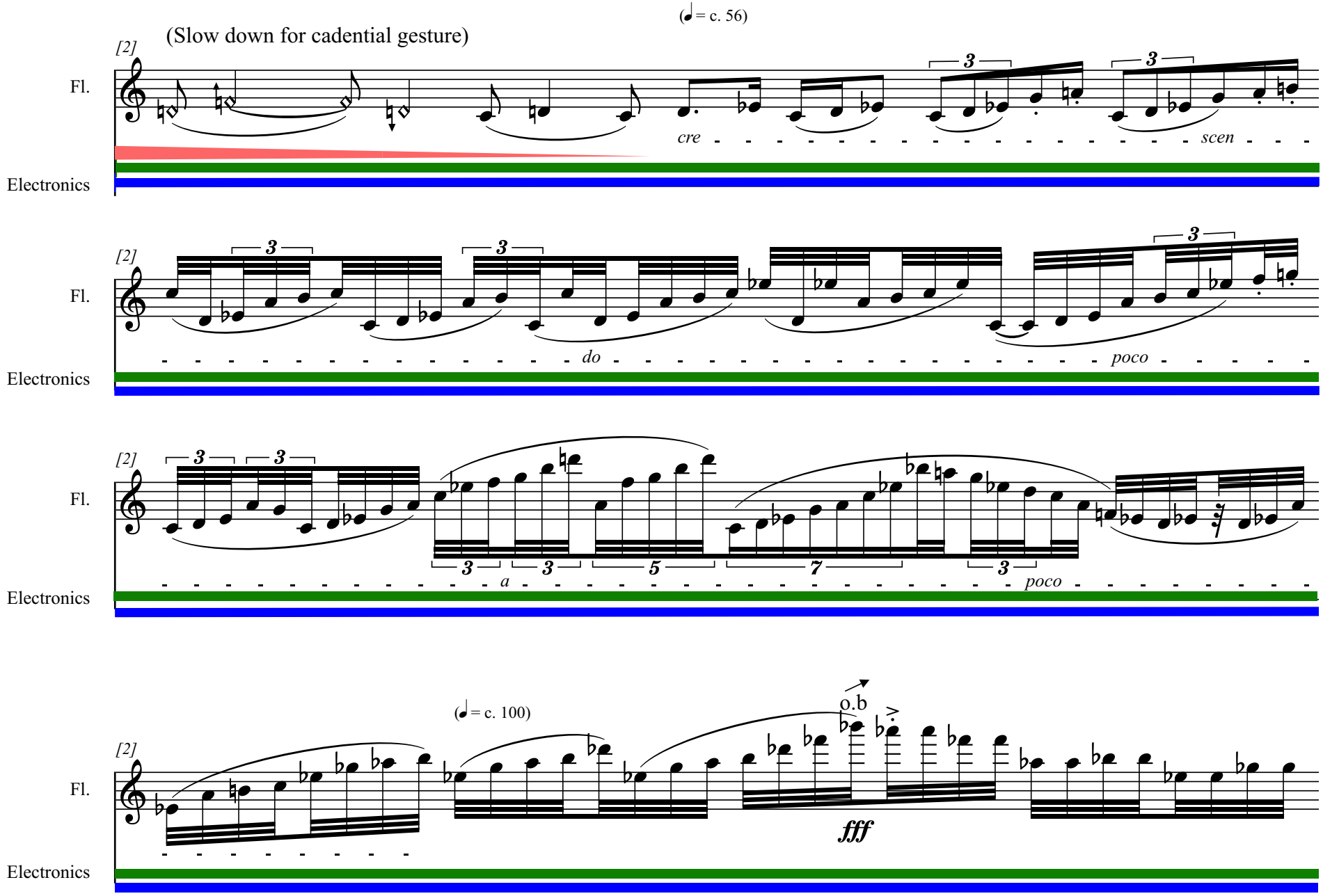
Chiral Reflection

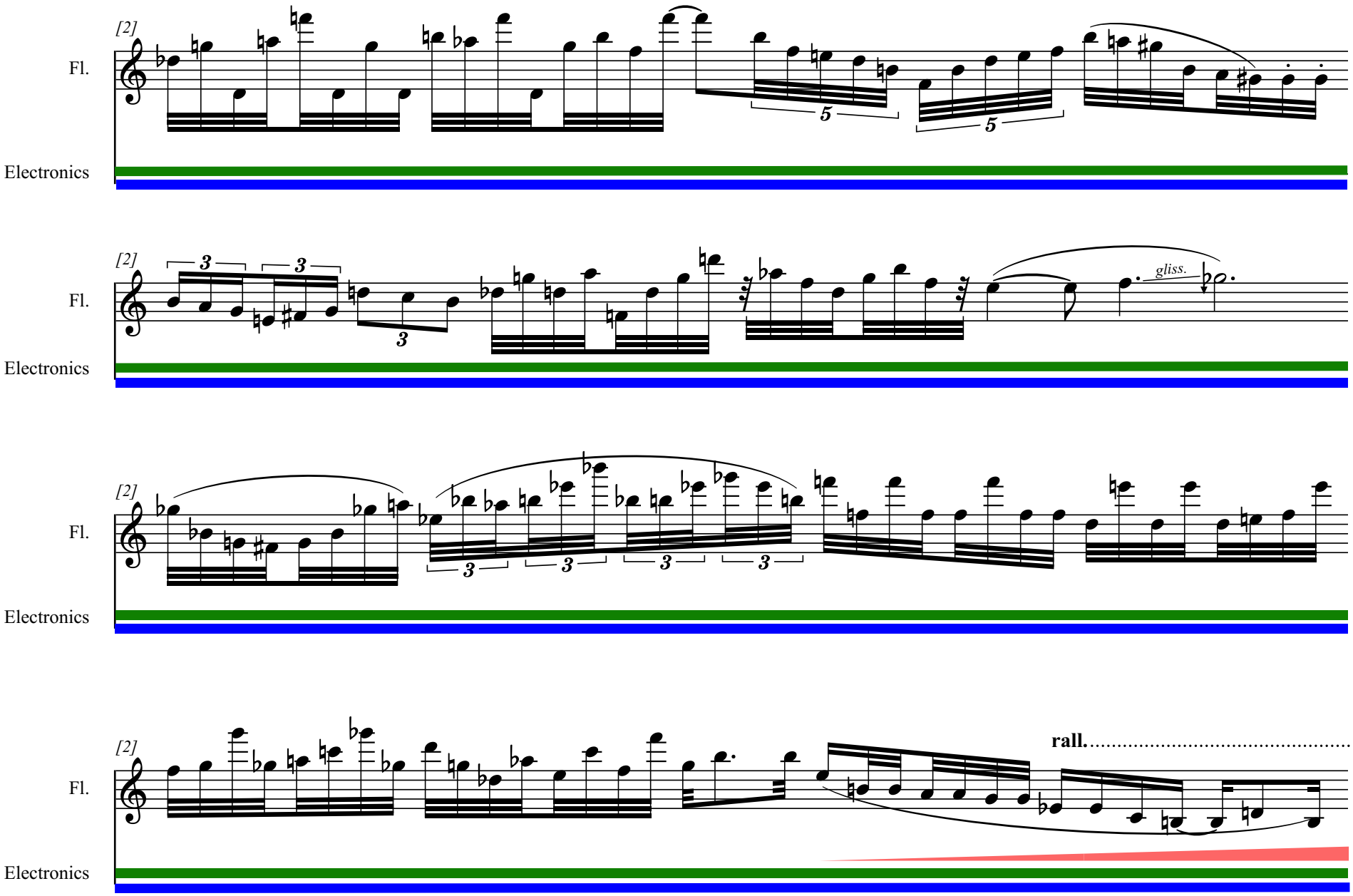
Alyssa Regent (1995)

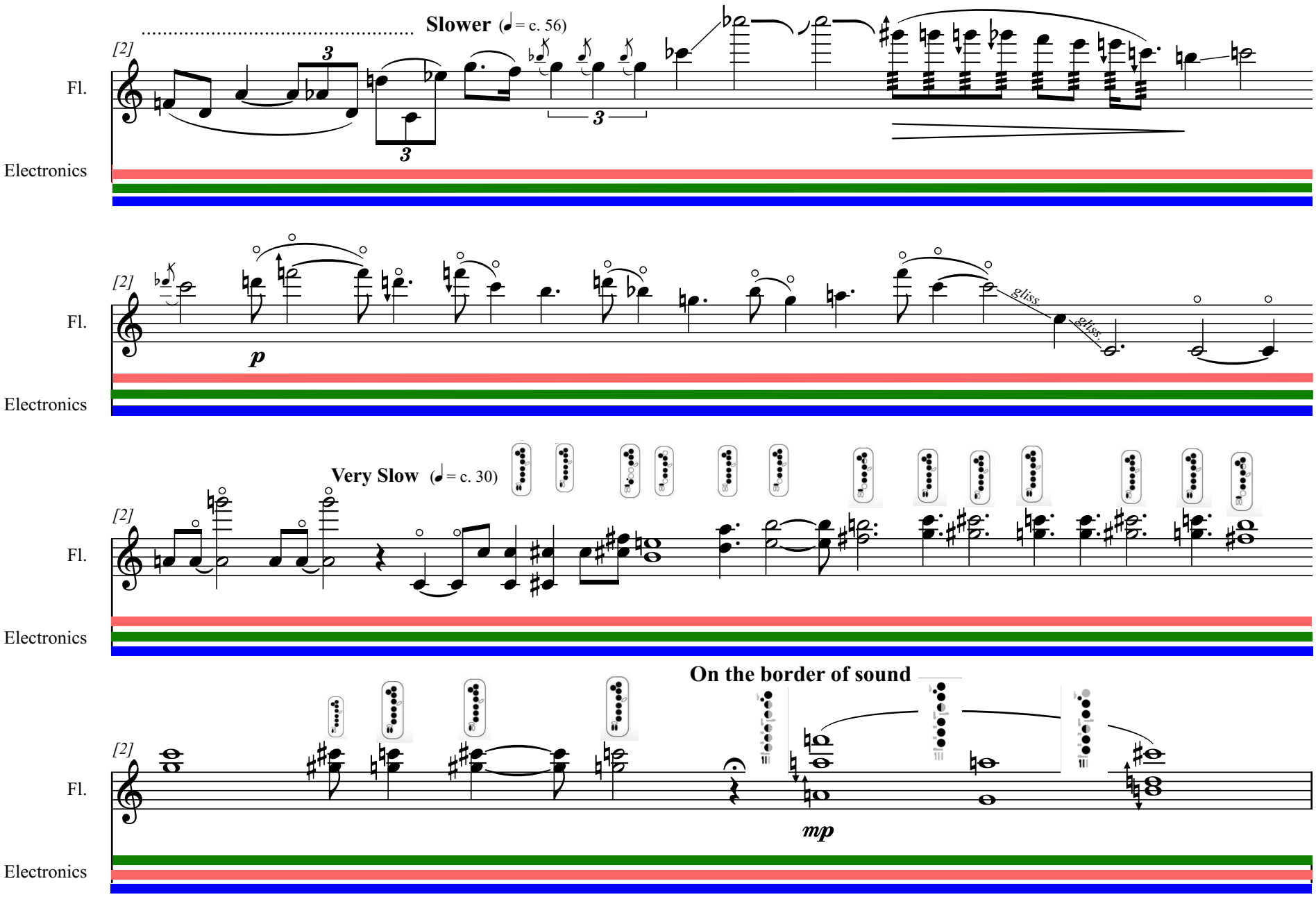


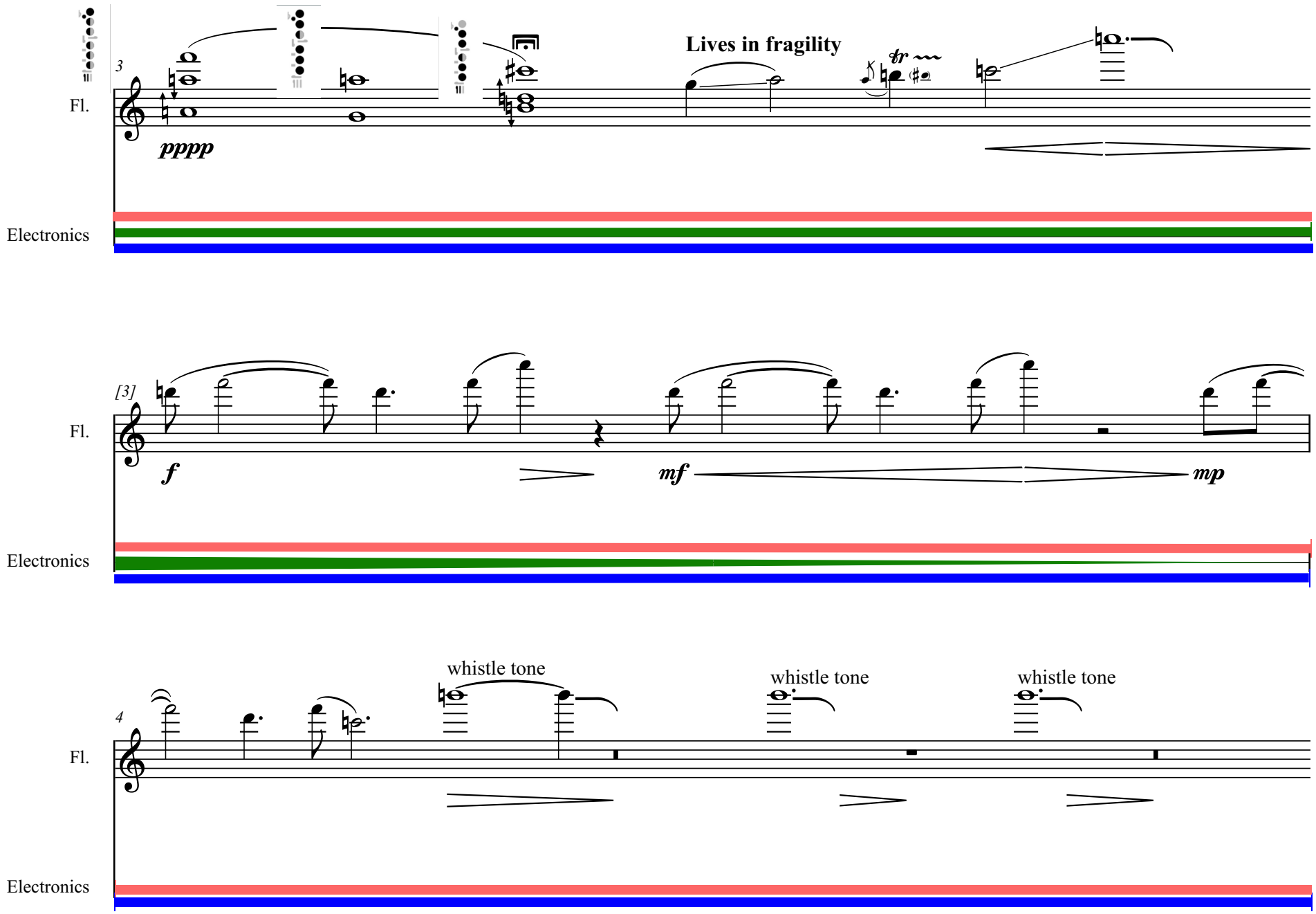

loon wailling
Slower
air
[1]
Fl.
pp
ppp
p
Electronics
A little faster
[1]
Fl.
mf
f
fr
sfz
Electronics
accel.
[1]
Fl.
mp
3
ff
p sub.
mf
W.V
Electronics
Slower
Gets gradually faster
[1]
bisbigliando
Fl.
f
p
pp
fr
mp
Electronics
Pitch Bend

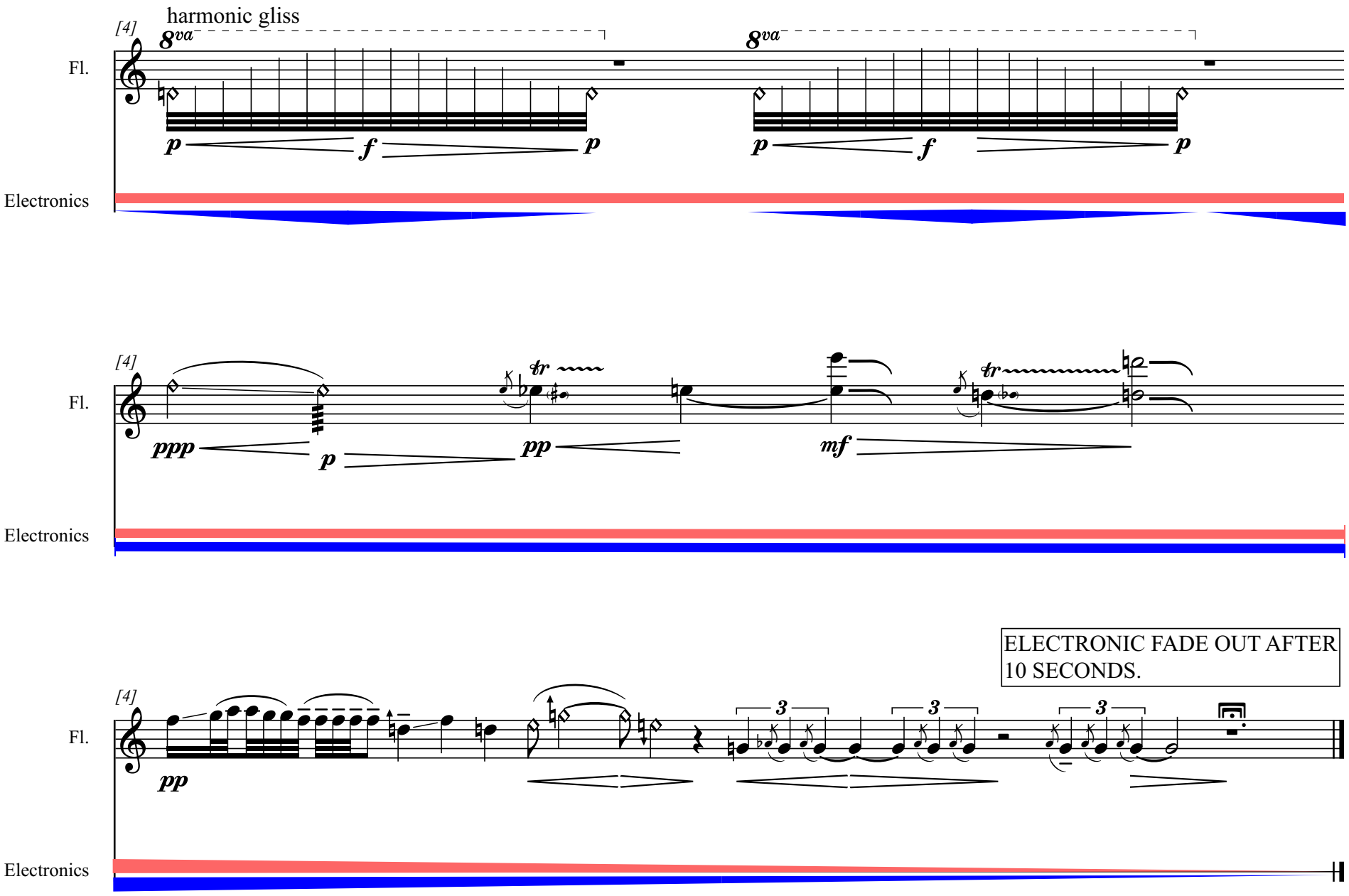

[1]
Fl.
Electronics
o.b
[1]
Fl.
Electronics
(♩= c. 90)
[1]
Fl.
Electronics
o.b
2
Fast
Fl.
Electronics
cre scen do


(♩ = c. 56)
(Slow down for cadential gesture)
[2]
Fl.
Electronics
cre
scen
do
poco
a
poco
(♩ = c. 100)
o.b
fff


[2]
Fl.
Electronics
5
5
[2]
Fl.
Electronics
3
3
3
gliss.
[2]
Fl.
Electronics
3
3
3
3
[2]
Fl.
Electronics
rall.


Slower (♩= c. 56)
[2]
Fl.
Electronics
3
3
3
[2]
Fl.
p
gliss.
gliss.
Electronics
Very Slow (♩= c. 30)
[2]
Fl.
Electronics
On the border of sound
[2]
Fl.
mp
Electronics


3
Fl.
pppp
Lives in fragility
tr
Electronics
[3]
Fl.
f
mf
mp
Electronics
4
whistle tone
whistle tone
whistle tone
Fl.
Electronics


harmonic gliss
[4]
8va
8va
Fl.
p
f
p
p
f
p
Electronics
[4]
Fl.
ppp
p
pp
tr
tr
mf
Electronics
ELECTRONIC FADE OUT AFTER
10 SECONDS.
[4]
Fl.
pp
3
3
3
Electronics