

# Dan VanHassel

## Even Exchange

for flute, violin, cello, percussion, and piano

Duration: 6 minutes

Composed 2013

# Even Exchange: Flute Techniques



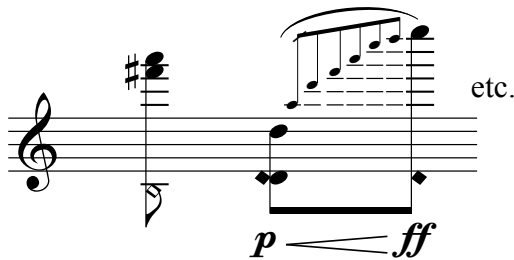
Various vocalizations are notated throughout the piece using the International Phonetic Alphabet (IPA) (see below). These sounds should be vocalized through the flute. Regular pitched tone production is to be avoided as much as possible. Fingering is indicated by diamond note head.



tongue pizzicato



tongue-stop (sometimes referred to as tongue-ram)



Multiphonics based on natural harmonics. Produced by overblowing on the given fingering. (pitches approximate)

## IPA Key:

Examples from ‘General American’ English pronunciation.

[p] **pen, spin, tip**

[t] **two, sting**

[tʃ] **chair, nature, teach**

[k] **kill, thick**

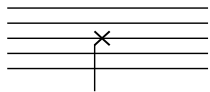
[f] **fool, enough, leaf**

[s] **see, city, pass**

[ʃ] **she, sure, emotion**

[h] **ham**

# Even Exchange: String Techniques



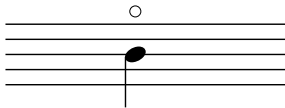
Damp string with left hand  
producing noisy, indistinct sound.

*behind bridge*



Play scratch tone behind the bridge  
on the cloth covering of the string.  
Very noisy and short!

*sul G*



natural harmonics (notated at sounding pitch)

tap body of instrument  
with fingers



slap strings w/right hand



**All *col legno* to be performed *battuto*, with left hand muting strings to create a very short staccato sound.**

# Even Exchange: Percussion Key

The image displays two staves of musical notation for percussion instruments. The first staff contains: a kick drum (quarter note), a snare drum (quarter note), a hi-hat (quarter note with an 'x' above the stem), a hi-hat pedal (quarter note with an 'x' below the stem), a ride cymbal (quarter note with an 'x' above the stem), and the bell of the ride (quarter note with a diamond above the stem). The second staff contains: a cowbell (quarter note with an 'x' above the stem), a woodblock (quarter note), a triangle (quarter note with an 'x' above the stem), a tambourine (quarter note with an 'x' below the stem), a guiro short scrape (quarter note with a dot above the stem), and a guiro long scrape (quarter note with a bar above the stem).

## Notes:

-All percussion should be allowed to vibrate freely (l.v.) unless otherwise specified; notation is of attack points only.

-Hi-Hat should be adjusted to a half-open position that allows for some additional resonance without overpowering the other instruments.

# Even Exchange

Energetic! ♩=92

Dan VanHassel

Flute: (whole step) *ff* *p* *ff* *ff* *p* *mf* *p*

Violin: \*sweep strings in one continuous motion *ff* *p* *ff* *ff* *p* *mf* *p*

Violoncello: *ff* *p* *ff* *ff* *p* *mf* *p*

Percussion: sticks (half open) *f*

Piano: *ff*

Ped. (chromatic cluster pitches approx.) *8<sup>vb</sup>*

Fl. *ff*

Vln. *ff* behind bridge

Vc. *ff* behind bridge

Perc. *f*

Pno. *pp*

Ped. *8<sup>vb</sup>*

6

Fl.

Vln.

Vc.

Perc.

Pno.

*ff*

*mf*

9

Fl.

Vln.

Vc.

Perc.

Pno.

*mf*

*meccanico*

*norm.*

*mf*

*meccanico pizz. (l.v.)*

*ff* *mf*

*f*

*f* *p* *ff* *ff* *f*

*8va*

*8vb*

12

Fl. *calm, peaceful*  
*ff* *p*

Vln. *calm, peaceful* *col legno*  
*ff* *p* *mf*

Vc. *calm, peaceful*  
*ff* *p*

Perc. *calm, peaceful*  
*pp* *mf*

Pno. *calm, peaceful*  
*p* *ff* *p*

15

Fl. [*f*]  
*mf*

Vln. *(col legno)* *arco*  
*mf*

Vc. *arco sul G*  
*p* *mf* *sul G*

Perc. *guiro scraper + stick*

Pno. *mf*

20 [t][t][t][t] [t]

Fl. *mf* [t][t][t][t]

Vln. *f* *col legno* *mf*

Vc. *sul A* *sul D* *slap strings*

Perc. *sticks*

Pno. *p*

24 (meccanico)

Fl. *mf* *ff*

Vln. (meccanico) *arco* *mf* *ff* *pizz.* *3*

Vc. *pizz. (meccanico)* *mf* *ff* *3* *arco* *col legno* *arco behind bridge* *ff*

Perc. *f*

Pno. *mf* *f* *p* *ff* *8va* *8<sup>ub</sup>*



27

Fl. *ff* *still agitated!* *p* *[f]*

Vln. *arco* *ff* *still agitated!* *behind bridge* *p* *f* *norm.*

Vc. *pizz.* *ff* *still agitated!* *arco behind bridge* *p* *f*

Perc. *still agitated!* *(damp)* *(f)*

Pno. *calm, peaceful* *p* *Red.*

8<sup>va</sup>-----  
8<sup>vb</sup>-----

31

Fl. *(whole step)* *p* *f* *[f]* *[f]* *[h]* *[k]*

Vln. *tapping*

Vc. *slap strings* *slap strings* *p*

Perc. *p* *f*

Pno.

8<sup>va</sup>-----  
8<sup>vb</sup>-----

35 [f] [t] [t] [k] [t] [t] [l] [k]

Fl. *f* *ff*

Vln. *arco* *behind bridge* *norm.* *ff*

Vc. *ff* *pizz.*

Perc.

Pno. *f* *8va* *8vb*

38 *very agitated!* [t] [f] [k] [t] [f] [t] [h] [t] [p] [k] [f] [ts] [h] [k] [f] [s]

Fl. *(ff)* *mp < ff* *mp < ff* *mp <*

Vln. *very agitated!* *ff* *ff* *ff*

Vc. *very agitated!* *arco* *ff* *ff* *ff*

Perc.

Pno. *p* *Red.*

42 [f]

Fl. *ff* (*ff*)

Vln. *ff*

Vc. *ff* *pizz.*

Perc.

Pno. *f* *mf* *f* *mf* *f*

8<sup>vb</sup>

46 [f] (sweep up harmonics) [k] [k]

Fl. *ff* *p* *ff* *p*

Vln. *ff* *col legno* *p* *ff*

Vc. *col legno* *arco behind bridge* *ff*

Perc. *p* *f* (damp)

Pno. *p*

8<sup>vb</sup>

(hold pedal until m. 70)

49

[k] (tongue stop) [f] [k] [k] [k] [k]

Fl. *ff* *ff* *p* *f*

Vln. *pizz. (strum back and forth)* *arco* 3

Vc. *col legno* *arco*

Perc. *guiro scraper + stick* *mf*

Pno.

53

[f] [t] [t] [t] [t] [f]

Fl. *mf*

Vln. *col legno* *mf*

Vc. *mf*

Perc. *pp* *p* *mf*

Pno. *mf*

56

[k] [k] [k] [k] [k] [k] [k] [k] [f] [tʃ] [tʃ]

Fl. *mf* *mf* *mf*

Vln. *pizz. (strum)* *mf*

Vc. *mf* *col legno* *pp*

Perc. *p* *mf*

Pno. *p*

59

Fl. *pizz.* *pp* *mf*

Vln. *arco behind bridge* *norm.*

Vc. *mf*

Perc. *sticks* *pp* *mf* *pp*

Pno. *mf*

62

Fl. *mf*

Vln. *mf*

Vc. *pizz.* *p*

Perc. *mp*

Pno. *15<sup>ma</sup>*

65

Fl.

Vln.

Vc. *sim.* *mf*

Perc.

Pno. *(15)* *mp*

*8<sup>va</sup>*

68

Fl. *pizz.* *mf*

Vln. *col legno* *mf* (strum back and forth)

Vc. *p* *mf* (*pizz.*)

Perc. *mf*

Pno. *pp* *p*

(15)

71

Fl. *[f]* *f* *insistent* *(f)*

Vln. *arco behind bridge* *norm.* *insistent*

Vc. *p* *f* *slap strings* *pizz.* *f* *arco* *insistent* *pizz.*

Perc. *p* *f*

Pno. *f* *(f)*

75

Fl. [f] [t] [t][t][t] etc.

Vln.

Vc. arco

Perc. (damp)

Pno. (f) p Ped.

79

Fl. [f] [t] [p] [f] [t] [t] [t] insistent

Vln. behind bridge insistent norm. f

Vc. mf insistent pizz. f

Perc. f

Pno. f

8<sup>th</sup>



83

Fl. *[f]* *[t]* *[k]* *[t][t] etc.*

Vln.

Vc. *arco behind bridge*

Perc. *mf*

Pno. *(f)* *p*

86

Fl. *[f]* *[f]*

Vln. *calm, mechanical* *mf*

Vc. *calm, mechanical* *norm.* *mf*

Perc. *p* *f*

Pno. *f* *f*

*8va*

*8va*

89

*agitated!*  
[tʃ] [t] [k][p] [t] [tʃ] [p] [k] [tʃ] [t] [k][p] [t] [tʃ] [p] [k]

*ff*

*agitated!*  
*ff* *p* *ff* *p* *ff* *p*

*agitated!*  
*ff* *p* *ff* *p* *ff* *p*

Perc.

*p* *mf*

92

*calm, mechanical*  
*mf*

*calm, mechanical*  
*mf*

*calm, mechanical*  
*mf*

Perc.

*f*

*8va*

*8<sup>va</sup>*

*8<sup>va</sup>*  
*8<sup>va</sup>*

95

Fl. *ff*

Vln. *ff*

Vc. *pizz. sim. ff*

Perc.

Pno. *f*

8<sup>vb</sup>

99

Fl. *pizz. calm, peaceful mf*

Vln. *col legno calm, peaceful mf*

Vc. *calm, peaceful*

Perc. *guiro scraper + stick calm, peaceful pp — mf*

Pno. *mf p*

103

Fl. [f] *mf*

Vln. *(col legno)* *mf*

Vc. *arco sul G* *p* *mf* *sul G*

Perc.

Pno.

107

Fl. [p] [t] [h] [f] [k][t][p] [t] [p] [s]

Vln. *arco* *f*

Vc. *sticks*

Perc.

Pno.

111

Fl. *mf* [f] [f] [t][t][t][t] [t] [f] [p] [t][p]

Vln. *f* *ff* behind bridge

Vc. *ff*

Perc.

Pno.

115

Fl. *p* *f* *p* [k] [p] [f] [ts] [ʃ]

Vln. *norm.* *p*

Vc. *pizz.* *sim.* *p*

Perc. *f*

Pno. *f* *8va* *8vb*

117

Fl. *p*

Vln. *behind bridge* *ff* *norm.* *p*

Vc. *arco* *ff* *pizz.* *p*

Perc.

Pno. *f* *8va*

(sweep up harmonics)

120

Fl. *mf* *p* *ff* *[b]* *[f]* *p* *ff*

Vln. *mf* *ff* *behind bridge*

Vc. *arco* *ff* *mf*

Perc.

Pno. *mp* *mf*

123

Fl. *mf* *f* *ff* *ff* *f*

[f] [t] [p] [k] [f] [k]

Vln. *mf* *f* *ff* *f*

behind bridge norm.

Vc. *mf* *f* *ff* *f*

pizz. sim. arco pizz.

Perc.

Pno. *f* *f*

8<sup>va</sup> 8<sup>va</sup>

127

Fl. *ff*

Vln. *ff*

Vc. *ff*

Perc. *p* (mb. only)

Pno. *f* *p* *ff*

8<sup>va</sup> 8<sup>va</sup>

8<sup>va</sup>

130

Fl. *f*

Vln. *f*

Vc. *f*

Perc. *f*

Pno. *f* *p* *ff*

8<sup>va</sup>

133

[f] [t] [p][t] [k] [f][f] [f] [t][t] [f] [k] [f] [t] [t][t][t][t][t][t][t]

Fl. *ff* *ff* *ff*

Vln. *behind bridge* *(ff)*

Vc. *arco*

Perc.

Pno. *ff*



137

[t]

Fl.

Vln.

Vc.

Perc.

Pno.

141

Fl.

Vln.

Vc.

Perc.

Pno.

*rit.*

*ppp*